



**Board of Trustees
Academics and Campus Environment Committee**

Thursday, May 25, 2021

Trustees: Charles Tokarz, Chair; Tim Boaz, Julia Cunningham,
Oscar Horton, Les Muma, Melissa Seixas
USF Foundation Board Liaison: Debbie Sembler

A G E N D A

- I. Call to Order and Opening Remarks** Chair Charles Tokarz
- II. Public Comments Subject to USF Procedure** Chair Tokarz
- III. New Business – Action Items**
 - FL 101 - Approval of Minutes** Chair Tokarz
 - i. [February 23, 2021 Meeting](#)
 - ii. [April 13, 2021 Meeting](#)
 - FL 102 - [Approval of Faculty Nominations for Tenure](#)** Sr. Vice Provost Dwayne Smith
 - FL 103 - [Approval of Tenure as a Condition of Employment](#)** Sr. Vice President Charly Lockwood
 - FL 104 - [Approval of New Degree Program, B.S. Econometrics and Quantitative Economics](#)** Dean Eric Eisenberg
- IV. New Business – Information Items**
 - a. [Kognito Training Review](#) Vice Presidents Paul Dosal & Angela Sklenka
 - b. [Plans for Summer B/Fall Return to Campus](#) Provost Ralph Wilcox
 - c. [Faculty Success Initiative](#) Vice Provost Pritish Mukherjee
 - d. Update from Faculty Senate President Trustee Tim Boaz
 - e. Update from Student Government President Trustee Julia Cunningham
- V. Adjournment** Chair Tokarz

APPEARANCES BEFORE THE BOARD

Individuals or group representatives, who desire to appear before the Board to address a subject within the Board's jurisdiction may submit their requests in writing at least three (3) days in advance to the Corporate Secretary, c/o Office of Board of Trustees Operations, 4202 E. Fowler Avenue, CGS401, Tampa, FL 33620, specifying the agenda item on which the requestor(s) wishes to comment.

Comments shall generally be heard at Board Committees. However, the President in consultation with the Chair will determine whether the item will be heard and when the item will be heard. There will be a three minute time limit on any presentation. The total time allotted for all comments shall not exceed fifteen minutes, unless approved by the Board Chair.

As permitted by section 286.0114, F.S., the Board Chair may decline to hear any matter that: does not relate to a particular agenda item; is not practicable for a particular meeting; is outside the Board's jurisdiction; or was made available for public comment at a prior committee meeting before the Board takes action.

The Chair may recognize any individual or representative of groups to address the Board.

In order to proceed with the essential business of the Board in an orderly manner, any individual or group representative who attempts to disrupt a Board meeting will be subject to appropriate action pursuant to law.

BOT e-mail address is board@usf.edu.

Per BOT Operating Procedures, Article VI, 03.06.2018

USF Board of Trustees – ACE Committee

Tuesday, February 23, 2021

Microsoft Teams Meeting

Unofficial Meeting Notes

I. Call to Order and Comments Chair Charles Tokarz

Chair Charles Tokarz welcomed and thanked those in attendance at 10:15 am, and called the meeting to order with a quorum confirmed by Vice President and Assistant Corporate Secretary Dr. Cindy Visot with the following committee members present:

The following Trustees present:

Trustee Charles Tokarz

Trustee Tim Boaz

Trustee Claire Mitchell

Trustee Oscar Horton

Trustee Les Muma

Trustee Melissa Seixas

II. Public Comments Subject to USF Procedure

Chair Tokarz confirmed with Dr. Visot there were no requests for public comment.

III. New Business – Action Items

a. Approval of November 10, 2020 Meeting Minutes

Chair Tokarz asked the committee if any edits needed to be made to the minutes and the committee confirmed there were none. A motion for approval was made with an immediate second and was approved unanimously by the committee.

b. Approval of Tenure as a Condition of Employment

Sr. Vice Provost Dwayne Smith presented two candidates and their qualifications alongside a brief biography: William (Monty) Graham, PhD for the college of Arts and Sciences and George Boustrous, PhD, mSc, BEng for

the college of Public Health for approval of tenure as a condition of their employment.

A motion for approval was proposed and both candidates were approved unanimously by the committee.

c. Approval of the B.S. in Environmental Engineering

Chair Tokarz asked Dean Robert Bishop to discuss the new degree being proposed.

Dean Bishop began by introducing the degree and having the Trustees investigate the components within the degree. He began discussing the course load and necessity of this new degree as a part of the College of Engineering. Alongside the benefits of what this degree could bring to the University and the Tampa Bay area.

After the detailed presentation, a motion of approval was proposed, and approval of the new degree was unanimous by the committee.

Chair Tokarz thanked Dean Robert Bishop for the extensive research.

d. Approval of 2015-2025 Master Plan

Chair Tokarz asked CFO Nick Trivunovich and Interim VP Chris Duffy to present the next item.

CFO Nick Trivunovich introduced the Master Plan for 2015-2025.

Key Components to the Master Plan:

- A site location changes for both the Wellness Center Complex and Indoor Performance Facility
- The inclusion of the Environmental & Oceanographic Sciences Research & Teaching Facility and the removal of Facility Purchase
- An informational update on land acquisition from Manatee County

CFO Nick Trivunovich explained how the new updates to the Master Plan did not have a financial impact to the current Plan.

With no questions from the Trustees, the committee motioned for approval and unanimously agreed on the updates.

IV. New Business – Information Items

a. Black Undergraduate Student Enrollment Initiative

Chair Tokarz presented the next item to the trustees and introduced Dr. Paul Dosal, Mr. Anddrikk Frazier and Dr. Lincoln Chandler.

Discussion occurred around the strategic plan to develop innovative programs and practices to build, enhance, and expand the pipeline of black students from high schools and community colleges in the six-county Tampa Bay area to the University of South Florida.

By June 1, 2021, the committee plans to develop a set of action steps that USF and its partners in the region can take to boost black student enrollment.

b. USF Health & Wellness Support Services Overview

Chair Tokarz asked Dr. Patricia Helton to present the next item and to discuss updates on COVID-19 and activities that the areas implemented.

Dr. Helton began by emphasizing the extraordinary challenges COVID-19 had on the health and well-being of all members of the USF community.

Health & Wellness service providers on all campuses were intrigued to respond to increasing demand for their services using new technologies and techniques.

In this presentation, Health & Wellness representatives discussed how teams responded to these challenges, the lessons they have learned, and how they might adopt and sustain some of the best practices in the post-COVID-19 environment.

Chair Tokarz thanked Dr. Helton and their team for their continuous work and dedication to make USF a safe and efficient environment for faculty and students.

V. Adjournment

With no further business, Chair Tokarz thanked the trustees for their time and the meeting was adjourned.



**Board of Trustees
Academics and Campus Environment Committee**

**Accountability Plan Workshop & Meeting
Tuesday, April 13, 2021
8:30 – 11:30 a.m.
Microsoft Teams**

BOT Chair Jordan Zimmerman welcomed everyone to the accountability plan workshop and thanked the trustees for joining and encouraged participation in the discussions today. He reminded the trustees that they will hold a meeting after the workshop and approve ACE committee's recommendation. He turned the workshop over to the ACE Chair Charles Tokarz.

President Currall asked to offer opening comments. He provided an overview of Florida statute and BOG regulations for accountability plans.

Chair Charles Tokarz welcomed everyone to the accountability plan workshop. He began by thanking everyone for joining this important workshop to discuss the 2021 Accountability Plan. Trustee Tokarz turned the workshop over to Provost Wilcox who provided an overview of the presentation to come (workshop recording is available on the BOT website). The Provost remarked that the proposed 2021 Accountability Plan serves as an operational blueprint for performance accountability at USF. He provided a historical overview of the accountability framework and

The Provost shared that Dr. Terri Chisolm, Vice Provost for Strategic Planning, Performance and Accountability and Dr. Valeria Garcia, Associate Vice President for Decision Support will present the 2021 Accountability Plan (recording and plan available on the BOT website) and that a number of university leaders who serve as subject or content experts or "owners" of key performance metrics.

2021 Accountability Plan reviewed and discussion occurred.

Provost Wilcox ended the presentation that there is a team that meets regularly to track, mitigate risks, and implement institutional changes. The "owners" are responsible for the metrics which has allowed USF to maintain high level performance. USF consistently scores among the highest within the SUS.

Chair Tokarz thanked the trustees and the staff for a great discussion on the accountability plan. He then called the **ACE meeting to order** and asked Vice President Cindy Visot to call roll. A quorum was confirmed by Dr. Visot with the following committee members present:

Trustee Tim Boaz
Trustee Oscar Horton
Trustee Les Muma

Trustee Melissa Seixas

Trustee Charles Tokarz

Chair Tokarz thanked the presenters for their excellent and thorough presentation, as well as all those faculty, staff, and students who did the work. Trustee Horton made a motion to accept the 2021 Accountability Plan and to forward it to the full Board of Trustees for consideration, with a second by Trustee Seixas. The motion was approved unanimously by the committee.

Having no further business Chair Tokarz adjourned the Academics and Campus Environment committee meeting.

Agenda Item: FL 102

USF Board of Trustees May 25, 2021

Issue: Faculty Nominations for Tenure

Proposed action: Approval of Nominees for Tenure

Executive Summary:

Attached is USF's list of faculty nominees for tenure for review and approval by the USF Board of Trustees. President Currall has certified that the nominations for tenure have met the requirements and conditions contained in USF Regulations, Policies, and Procedures. He is satisfied that the nominees will make a significant professional contribution to USF and the academic community in general. If approved, tenure will be awarded effective August 9, 2021.

Financial Impact:

USF faculty granted tenure and promotion will receive a 9% salary increase and \$5,000 to Associate Professor and \$7,000 to Professor in special achievement. Faculty granted tenure only will not receive a monetary award.

Strategic Goal(s) Item Supports: USF Strategic Plan 2013-2018, Goal II

BOT Committee Review Date: Academic and Campus Environment Committee – May 25, 2021

Supporting Documentation Online (please circle): Yes No

- Faculty Nominations for Tenure

Prepared by: Dwayne Smith, Senior Vice Provost & Dean, Graduate Studies, 813-974-2267



MEMORANDUM

DATE: June 8, 2021
TO: Jordan B. Zimmerman, Chair
FROM: Steven C. Currall, President
SUBJECT: Faculty Nominations for Tenure

I am requesting approval by the USF Board of Trustees of the enclosed Faculty Nominations for Tenure at USF. In nominating these faculty members for tenure, I certify that the requirements and conditions contained in USF Regulations, Policies, and Procedures for the granting of tenure have been met. I am satisfied that the nominees will make a significant professional contribution to USF and the academic community.

Enclosures

Faculty Nominations for Tenure, USF - 2020-21 Effect. 2021-22
USF Board of Trustees Meeting – June 8, 2021

COLLEGE	FIRST NAME	LAST NAME	RANK UPON TENURE	DEPARTMENT/SCHOOL	DEGREE OF EFFORT*
Arts & Sciences	Beatriz	Padilla	Associate Professor	Sociology	1.0
Arts & Sciences	Diane	Wallman	Associate Professor	Anthropology	1.0
Arts & Sciences	Jonathan	Bethard	Associate Professor	Anthropology	1.0
Arts & Sciences	Lindsey	Rodriguez	Associate Professor	Psychology/USFSP	1.0
Arts & Sciences	Manu	Samnotra	Associate Professor	School of Interdisciplinary Global Studies	1.0
Arts & Sciences	Natalie	Taylor (Green)	Associate Professor	School of Interdisciplinary Global Studies	1.0
Arts & Sciences	Nathan	Johnson	Associate Professor	English	1.0
Arts & Sciences	Nicolas	Thompson	Associate Professor	School of Interdisciplinary Global Studies	1.0
Arts & Sciences	Prahathees	Eswara	Associate Professor	Cell Biology, Microbiology, & Molecular Biology	1.0
Arts & Sciences	Sibel	Kusimba	Associate Professor	Anthropology	1.0
Arts & Sciences	Tara	Deubel	Associate Professor	Anthropology	1.0
Arts & Sciences	Travis	Bell	Associate Professor	Zimmerman School of Accounting and Mass Communications	1.0
Arts & Sciences	Xin	Jin	Associate Professor	Economics	1.0
Arts & Sciences	Zacharias	Pieri	Associate Professor	School of Interdisciplinary Global Studies UFSM	1.0
Education	Evan	Dart	Associate Professor	Educational & Psychological Studies (EPS)	1.0
Education	Karina K. R.	Hensberry	Associate Professor	Curriculum, Instruction & Learning	1.0
Education	Patriann	Smith	Associate Professor	Language Literacy Exceptional ED EdD and Physical Education	1.0
Education	Susan V.	Bennett	Associate Professor	Childhood Education/Literacy Program-USFSP	1.0
Engineering	Attila	Yavuz	Associate Professor	Computer Science & Engineering	1.0
Engineering	Paul	Rosen	Associate Professor	Computer Science & Engineering	1.0
Engineering	Zhuo	Lu	Associate Professor	Electrical Engineering	1.0
Marine Science	Tim	Conway	Associate Professor	N/A	1.0
Muma College of Business	Dezhi	Yin	Associate Professor	School of Information Systems & Management	1.0
Muma College of Business	Faizan	Ali	Associate Professor	School of Hospitality & Tourism Management	1.0
Muma College of Business	Jared	Williams	Associate Professor	Kate Tiedeman School of Business & Finance	1.0
Muma College of Business	Thomas	Smith	Associate Professor	Lynn Pippenger School of Accountancy	1.0
Taneja College of Pharmacy	Nicholas	Carris	Associate Professor	Pharmacotherapeutics & Clinical Research	1.0
Taneja College of Pharmacy	Siva	Kumar Panguluri	Associate Professor	Pharmaceutical Sciences	1.0
The Arts	Douglas	Hall	Associate Professor	School of Theatre and Dance	1.0

*If Less than 1.0 FTE

University of South Florida
FACULTY NOMINATIONS FOR TENURE
2020-21 Effect. 2021-22

Prepared by:	Rosie Lopez
Title:	Executive Administrative Specialist
Phone Number:	(813) 974-2267
Date:	5/10/21

Academic Affairs

Sex, Race/Ethnicity	Applied	Deferred	Withdrawn	Denied	Nominated
MALES					
American Indian or Alaskan Native	0	0	0	0	0
Asian or Pacific Islander	5	0	0	0	5
Black, Not Hispanic	0	0	0	0	0
Hispanic	0	0	0	0	0
White, not Hispanic	12	0	0	0	12
Other (Two or More)	0	0	0	0	0
Total Male	17	0	0	0	17
FEMALES					
American Indian or Alaskan Native	0	0	0	0	0
Asian or Pacific Islander	1	0	0	0	1
Black, not Hispanic	1	0	0	0	1
Hispanic	2	0	0	0	2
White, not Hispanic	6	0	0	1	5
Other	1	0	0	0	1
Total Female	11	0	0	1	10
GRAND TOTAL	28	0	0	1	27

**Eligible: Data is only from departments that have applicants applying during the current process.*

APPLIED=	Faculty whose names have been submitted for tenure review.
DEFERRED=	Faculty for whom tenure was deferred during the review process.
WITHDRAWN=	Faculty who withdrew from tenure consideration after applying for review.
DENIED=	Faculty for whom tenure was denied during the review process.
NOMINATED=	Faculty for whom tenure is being recommended by the University.

University of South Florida
FACULTY NOMINATIONS FOR TENURE
2020-21 effective 2021-22

Prepared by:	Rosie Lopez
Title:	Executive Administrative Specialist
Phone Number:	(813) 974-2267
Date:	5/10/21

Academic Affairs + USF Health

Sex, Race/Ethnicity	Applied	Deferred	Withdrawn	Denied	Nominated
MALES					
American Indian or Alaskan Native	0	0	0	0	0
Asian or Pacific Islander	6	0	0	0	6
Black, Not Hispanic	0	0	0	0	0
Hispanic	0	0	0	0	0
White, not Hispanic	13	0	0	0	13
Other (Two or More)	0	0	0	0	0
Total Male	19	0	0	0	19
FEMALES					
American Indian or Alaskan Native	0	0	0	0	0
Asian or Pacific Islander	1	0	0	0	1
Black, not Hispanic	1	0	0	0	1
Hispanic	2	0	0	0	2
White, not Hispanic	6	0	0	1	5
Other	1	0	0	0	1
Total Female	11	0	0	1	10
GRAND TOTAL	30	0	0	1	29

**Eligible: Data is only from departments that have applicants applying during the current process.*

APPLIED= Faculty whose names have been submitted for tenure review.
 DEFERRED= Faculty for whom tenure was deferred during the review process.
 WITHDRAWN= Faculty who withdrew from tenure consideration after applying for review.
 DENIED= Faculty for whom tenure was denied during the review process.
 NOMINATED= Faculty for whom tenure is being recommended by the University.

Tenure Attachment B rev.

Agenda Item: FL 103

USF Board of Trustees
May 25, 2021

Issue: Tenure Nomination as a Condition of Employment

Proposed action: Approve Tenure as a Condition of Employment

Executive Summary:

Administrators such as the President, Provost, Deans, Chairs, and senior faculty who are recruited to USF are normally awarded tenure as a condition of employment. These highly qualified individuals usually have earned tenure at their previous institutions, which makes them attractive candidates to USF. In order to attract them, USF must provide a package that is competitive with other nationally and internationally ranked institutions. Tenure upon appointment for qualified candidates, among other things, is a term and condition of the employment package that makes USF an institution of choice.

Strategic Goal(s) Item Supports:

USF Strategic Plan 2013-2018, Goal II

Workgroup Review Date:

Academic and Campus Environment Committee – May 25, 2021

Supporting Documentation Online (please circle): Yes No

- Memorandum to Jordan B. Zimmerman, Chair, USF Board of Trustees
- Tenure Nominations as a Condition of Employment
- Faculty Profiles

Prepared by: Dwayne Smith, Senior Vice Provost & Dean, Graduate Studies, 813-974-2267



MEMORANDUM

DATE: June 8, 2021

TO: Jordan B. Zimmerman, Chair

FROM: Steven C. Currall, President

SUBJECT: Tenure as a Condition of Employment Nominations

I am requesting approval by the USF Board of Trustees of the enclosed Tenure as a Condition of Employment Nominations at USF. In nominating these faculty members for tenure, I certify that the requirements and conditions contained in USF Regulations, Policies, and Procedures for the granting of tenure have been met. I am satisfied that the nominee will make a significant professional contribution to USF and the academic community.

Enclosures

Faculty Nominations for Tenure as a Condition of Employment
USF Board of Trustees Meeting – June 8, 2021

<u>College</u>	<u>Name</u>	<u>Rank</u>	<u>Department/ School</u>	<u>Degree of Effort*</u>	<u>Previous Institution</u>	<u>Tenure at Previous Institution</u>
Morsani College of Medicine	Da-Zhi Wang, PhD	Professor	Internal Medicine/Heart Institute	1.0	Harvard University	Yes

*If less than 1.0 FTE

University of South Florida
Tenure Nominations as a Condition of Employment

1

MORSANI COLLEGE OF MEDICINE

Da-Zhi Wang, PhD, MS

Dr. Da-Zhi Wang joined the USF Health, Morsani College of Medicine (MCOM) on May 1, 2021 as Professor with the Department of Internal Medicine. In addition, he will serve as Director for the Center for Regenerative Medicine, and provide leadership for the research programs at the USF Heart Institute. Dr. Wang is an international leader in cardiac regeneration with his work having a broader significance to extend to other organ systems as well. Dr. Wang's research focuses on the role of non-coding RNAs in homeostasis and human disease. Dr. Wang comes to USF from the Harvard Medical School, where he most currently served as Professor with tenure with the Department of Pediatrics. Prior to his current position, he served as Associate Professor, also at Harvard Medical School since 2010. Dr. Wang served as a Staff Scientist with the Department of Cardiology at Boston Children's Hospital since 2009. Dr. Wang obtained a PhD in Biological Sciences from the University of Iowa, Iowa City in 1998. He holds a MS degree in Biology from Peking University, Beijing. Dr. Wang served as a Visiting Graduate Student in the Department of Medicine at the University of California, San Diego, and completed a postdoctoral Research Fellowship in the Department of Molecular Biology at the University of Texas Southwestern Medical Center, Dallas. Dr. Wang's research funding is consistent with federal (NIH) and private funding. He is currently the principal investigator on four NIH funded RO1 awards and was a mentor on a NIH T32 training grant for pediatric research. He has authored more than 80 publications and 40 reviews or book chapters. His publications are found in high impact journals. Dr. Wang mentorship to students has resulted in his trainees having successful fellowships. Dr. Wang has served on numerous University Committees, as well as on the Nominating Committee for the American Heart Association's Basic Cardiovascular Sciences Council.

The MCOM APT Committee; the Department of Internal Medicine Chair; Dr. Charles Lockwood, VP for USF Health; Provost Ralph Wilcox; and President Steven C. Currall all concur to recommend Dr. Wang for tenure at the rank of Professor.

Agenda Item: FL 104

USF Board of Trustees
May 25, 2021

Issue: Bachelor of Science in Econometrics and Quantitative Economics
CIP Code 45.0603

Proposed action: Approval of proposed B.S. in Econometrics and Quantitative Economics degree program

Executive Summary:

The proposed B.S. in Econometrics and Quantitative Economics degree program focuses on the applied aspects of economics including forecasting, program and business evaluation, benefit/cost analysis, and impact analysis. To complete this STEM degree, declared students must take 3 credit hours of Statistics coursework and 24 credit hours of Economics coursework, with the majority of courses in the area of Analytical and Quantitative Economics.

The program is currently offered as a major under the General Economics CIP code, which is a non-STEM CIP code. Establishing Econometrics and Quantitative Economics as a new degree program in CIP Code 45.0603, a BOG-approved STEM CIP code, will increase the number of USF STEM degrees awarded, while not incurring any additional costs.

Financial Impact:

There will be no financial impact because existing faculty and resources will be reallocated for this new degree program.

Strategic Goal(s) Item Supports: Goal 1: To promote the lifelong success of well educated, highly skilled, and adaptable alumnae/alumni who lead enriched lives, are engaged citizens and thrive in a dynamic global market.

BOT Committee Review Date: May 25, 2021

Supporting Documentation Online (please circle):

Yes

No

Prepared by: Brad Kamp, Ph.D., Associate Professor and Chair, Department of Economics



Board of Governors, State University System of Florida
REQUEST TO OFFER A NEW DEGREE PROGRAM

In Accordance with BOG Regulation 8.011

(Please do not revise this proposal format without prior approval from Board staff)

University of South Florida (USF)

Institution Submitting Proposal

Fall 2021

Proposed Implementation Term

College of Arts and Sciences

Name of College(s) or School(s)

Department of Economics

Name of Department(s)/Division(s)

Economics

Academic Specialty or Field

Bachelor of Science in Econometrics and
Quantitative Economics

Complete Name of Degree

45.0603

Proposed CIP Code (2020 CIP)

The submission of this proposal constitutes a commitment by the university that, if the proposal is approved, the necessary financial resources and the criteria for establishing new programs have been met prior to the initiation of the program.

Date Approved by the University Board of
Trustees

President's Signature

Date

Board of Trustees Chair's Signature Date

Provost's Signature

Date

PROJECTED ENROLLMENTS AND PROGRAM COSTS

Provide headcount (HC) and full-time equivalent (FTE) student estimates of majors for Years 1 through 5. HC and FTE estimates should be identical to those in Table 1 in Appendix A. Indicate the program costs for the first and the fifth years of implementation as shown in the appropriate columns in Table 3 in Appendix A. Calculate an Educational and General (E&G) cost per FTE for Years 1 and 5 (Total E&G divided by FTE).

Implementation Timeframe	HC	FTE	E&G Cost per FTE	E&G Funds	Contract & Grants Funds	Auxiliary/ Philanthropy Funds	Total Cost
Year 1	156	130	\$3,715	\$482,988	0	0	\$482,988
Year 2	164	137					
Year 3	176	147					
Year 4	189	158					
Year 5	200	167	\$3,009	\$502,501	0	0	\$502,501

*Note: This outline and the questions pertaining to each section **must be reproduced** within the body of the proposal to ensure that all sections have been satisfactorily addressed. Tables 1 through 4 are to be included as Appendix A and not reproduced within the body of the proposals because this often causes errors in the automatic calculations.*

Introduction

A. Program Description and Relationship to System-Level Goals

- A. Briefly describe within a few paragraphs the degree program under consideration, including (a) level; (b) emphases, including majors, concentrations, tracks, or specializations; (c) total number of credit hours; and (d) overall purpose, including examples of employment or education opportunities that may be available to program graduates.**

The proposed B.S. in Econometrics and Quantitative Economics (EQE) degree program (CIP 45.0603) focuses on the applied aspects of economics, including forecasting, program and business evaluation, benefit/cost analysis and impact analysis. To complete this STEM degree, declared students must take three hours of statistics coursework and 24 credit hours of economics coursework with the majority of courses in the area of analytical and quantitative economics.

The 120-credit hour program will offer no concentrations, tracks or specializations.

The discipline of Economics at the undergraduate level serves two quite distinct groups of students. One group is liberal arts students and their focus is on understanding economic systems and their influence on resource allocation. Liberal arts students go on to become businesspersons, lawyers, and politicians who concentrate on how markets and institutions function. The second group is the scientists who are mathematicians and are interested in economic analysis. The science students often go on to graduate studies in Economics or enter the workforce in government or industry, conducting benefit/cost analysis or economic impact studies. Alternatively, they work in private consulting doing business valuations and feasibility studies. Students who develop quantitative skills are far more valued in these industries and are often more competitive for graduate programs.

Currently, students with more quantitative interests pursue USF's B.S. in Quantitative Economics and Econometrics offered under the Economics, General (CIP Code 45.0601), which has been offered since 2016. To date, we have awarded 121 degrees for the B.S. in Quantitative Economics and Econometrics.

In 2020, the BOG recognized Econometrics and Quantitative Economics (CIP 45.0603) as an area of Strategic Emphasis in the STEM category. This proposal would establish a new STEM degree in Econometrics and Quantitative Economics in CIP 45.0603, unique in the SUS. Students currently enrolled in the Quantitative Economics and Econometrics major will be transferred to the new degree, once available, because the curriculum is the same between the current major and the proposed new degree program. The new degree creates a clearer distinction for students and employers between USF's B.A. degree in Economics (general) and the more mathematically focused B.S. in Econometrics and Quantitative Economics. This new degree program supports the University's and BOG's goals of producing more STEM degrees and a workforce for in-demand, high-wage, and high-value jobs.

- B. Please provide the date when the pre-proposal was presented to CAVP (Council of Academic Vice Presidents) Academic Program Coordination review group. Identify any concerns that the CAVP review group raised with the pre-proposed program and provide a brief narrative explaining how each of these concerns has been or is being addressed.**

The pre-proposal was presented at the April 3, 2020 CAVP Academic Program Coordination Review Group, and no concerns were expressed.

- C. If this is a doctoral level program please include the external consultant's report at the end of the proposal as Appendix D. Please provide a few highlights from the report and describe ways in which the report affected the approval process at the university.**

This question is not applicable because the proposal is for a bachelor's degree program and not a doctoral degree program.

D. Describe how the proposed program is consistent with the current State University System (SUS) Strategic Planning Goals. Identify which specific goals the program will directly support and which goals the program will indirectly support (see link to the SUS Strategic Plan on [the resource page for new program proposal](#)).

The Econometrics and Quantitative Economics degree program directly meets the following high-level SUS Strategic Planning goals (indicated by double checks) and indirectly meets some goals (indicated by single checks):

Statue University System Goals	Excellence	Productivity	Strategic Priorities for a Knowledge Economy
Teaching & Learning (Undergraduate)	✓✓ Strengthen Quality & Reputation of Academic Programs and Universities	✓✓ Increase Degree Productivity and Program Efficiency	✓✓ Increase the Number of Degrees Awarded in STEM
Scholarship, Research, and Innovation	✓ Strengthen Quality & Reputation of Scholarship, Research, and Innovation.	Increase Research Activity	Increase Collaboration and External Support for Research Activity
Community & Business Engagement	✓ Strengthen Quality & Recognition of Commitment to Business & Community	✓ Increase Levels of Community & Business Engagement	✓ Increase Community and Business Workforce

This degree program falls under the Programs of Strategic Emphasis in the State University System of Florida, Board of Governors 2012 – 2025 Strategic Plan in the Economic Development – STEM category. Specifically, the B.S. in Econometrics and Quantitative Economics directly supports the following SUS strategic planning goals:

- **Strengthen the Quality and Reputation of Academic Programs and the University:** This sought after degree would be the first of its kind offered in the SUS under CIP Code 45.0603. There is a high demand for graduates in this field, as seen in the Burning Glass data (Appendix F), as well as the placements of our own graduates in the current major under its current CIP code (Economics, General). Being the first in the SUS to offer this high-demand, high-value degree program will strengthen the reputation of USF by attracting more high-quality students to the University.
- **Increase Degree Productivity and Program Efficiency:** Offered under the 45.0603 CIP code, the proposed Econometrics and Quantitative Economics degree at USF will appear in search engines that currently miss the major in Quantitative Economics and Econometrics (offered under CIP code 45.0601) because it is offered under the Economics, General CIP code. This will increase the visibility of the program and increase our efficiency of recruiting students to the program and Florida.
- **Increases the Number of Degrees Awarded in STEM:** The proposed B.S. in Econometrics and Quantitative Economics will be offered under a federally- and state-designated STEM CIP Code, 45.0603. Under CIP Code 45.0603 (rather than its current listing as a major under the General Economics CIP code), the degree is more marketable and will attract more students, and therefore produce more STEM graduates and thus better support specific STEM workforce demands at the state and national levels.
- **Strengthen Quality and Reputation of Scholarship, Research, and Innovation:** The proposed degree program expands USF's ability to develop knowledge and innovative ventures to boost production and growth in Florida's businesses and industries through collaborative research efforts. This is done by providing qualified job candidates to fill priority-hiring needs in Tampa-area government organizations and businesses, and businesses along the I-4 Tech Corridor.
- **Strengthen the Quality and Recognition of Commitment to Business and Community:** This will be done by aiding in the management of Florida's continued growth in population. Such growth requires input from state and local governments, as well as the business community,

relative to how best to incorporate these new Floridians into a productive Florida economy. Managing growth requires planning and building new infrastructure. EQE graduates, with their background in Economics as well as hands-on data analysis, will be well prepared for productive employment in both the public and private sectors of this “growth industry.”

- **Increase Community and Business Workforce:** The program will increase the community and business workforce through the production of graduates needed to provide the economic data and analysis needed for decisionmakers to manage the growing and rapidly changing Florida environment.
- **Increase Levels of Community and Business Engagement:** Graduates, both as interns and post-graduate employees, often find employment in government or private firms that provide consulting services to developers and local governments. For example, six of our students holding internships in 2020 worked for such community-engaged ventures.

E. If the program is to be included in a category within the Programs of Strategic Emphasis as described in the SUS Strategic Plan, please indicate the category and the justification for inclusion. The Programs of Strategic Emphasis Categories are:

- **Critical Workforce:**
 - ☐ Education
 - ☐ Health
 - ☐ Gap Analysis
- **Economic Development:**
 - ☐ Global Competitiveness
 - ☒ Science, Technology, Engineering, and Math (STEM)

Please see the Programs of Strategic Emphasis (PSE) methodology for additional explanations on program inclusion criteria at [the resource page for new program proposal](#).

The new B.S. degree in Econometrics and Quantitative Economics is included in the Science, Technology, Engineering and Mathematics (STEM) Strategic Emphasis category, as recognized by the Florida Board of Governors.

F. Identify any established or planned educational sites at which the program is expected to be offered and indicate whether it will be offered only at sites other than the main campus.

The degree will be offered largely in-person on the Tampa campus, however many of the courses and several electives may be taken on the St. Petersburg and Sarasota-Manatee campuses.

Institutional and State Level Accountability

I. Need and Demand

- A. Need: Describe national, state, and/or local data that support the need for more people to be prepared in this program at this level. Reference national, state, and/or local plans or reports that support the need for this program and requests for the proposed program which have emanated from a perceived need by agencies or industries in your service area. Cite any specific need for research and service that the program would fulfill.**

Econometrics and Quantitative Economics is a rapidly growing field in the United States. In January 2015, only 34 universities nationwide offered the degree. In the Burning Glass data available in the Appendix F, and by 2018 that number had risen to 77. According to the website mymajors.com, as of

August 2020, there are now 116 institutions offering the EQE degree.

(<https://www.mymajors.com/colleges/Econometrics-and-Quantitative-Economics-Major/> accessed 1/7/2021). According to Burning Glass data, the 10 largest programs include 4 members of the Ivy League and 9 AAU members. From 2014 to 2018, the number of degrees conferred has risen 808%; and the number of institutions offering the degree rose by 126%. StateUniversity.com provides a lengthier list of the department/programs by number of graduates, (<https://www.stateuniversity.com/program/45-0603/Econometrics-and-Quantitative-Economics>). The current USF major was not ranked as it is offered under the General Economics, CIP code. However, USF had 49 degrees conferred in the 2017-2018 academic year, and this is well above the median EQE degrees that Burning Glass showed (21 degrees). This would place USF as approximately the 40th largest Econometrics program per stateuniversity.com (accessed 1/7/21). Despite the rapid growth in the number of new programs, USF would still be the first university in the state of Florida to offer this high-value program within the STEM CIP code.

Employers at the local, state and national levels are actively seeking to hire EQE majors. Burning Glass data shows that there were 442,965 job postings nationally during the 12-month period, May 2019-April 2020, 22,635 job postings in Florida, and 5,653 job postings in the Tampa Bay area. The number of positions are expected to grow over the next 10 years by 15.6% nationally and 26.4% in both Florida and the Tampa Bay area. These growth rates are 2-3 times the overall job growth rate per demographic. When comparing 2014 to 2018, the number employed in the state and locally has increased by over 40%. These jobs pay well, too. The average salaries for graduates (from Burning Glass) are \$71,559 nationally, \$66,498 in Florida, and \$68,714 in Tampa-St. Petersburg-Clearwater region.

As of November 2020, Employ Florida (<https://www.employflorida.com/vosnet/Default.aspx>) lists 13 occupations tied to the Econometrics and Quantitative Economics degree. Access in early January 2021 showed there are currently over 2600 open positions in the state, as well as 634 in the five-county region around the USF campuses (Hillsborough, Pinellas, Pasco, Manatee and Sarasota).

As of November 2020, the top seven occupations tied to EQE (not counting teaching positions) by O*Net a (<https://www.onetonline.org/>) all had predicted 10-year growth rates of over 9% in the state of Florida. Nationally, three fields were expected to grow significantly faster than average, three greater than average, and one at the U.S. average growth rate. Median salaries in these fields provided by O*Net run from \$62,300 to \$105,200.

Finally, the Bureau of Labor Statistics (bls.gov) was searched to find local employment numbers in the fields where an EQE major would likely find employment: Economists, Financial and Investment Analysts, Social Science Research Assistants, Market Research Analysts, Budget Analyst, Data Scientist, and Operations Analyst. As of May 2019, 16,620 were employed in the Tampa Bay area and 2,650 in the Sarasota-Manatee area.

While establishing the B.S. in Econometrics and Quantitative Economics in the STEM CIP code will provide graduates more marketability and serve as a better recruiting tool for new students, the placements of graduates from the current major provides yet more evidence of the underlying value of the program that forms the basis for the new degree. Employment data from graduates in the current major reflect the quality preparation it provides. Profiles of students (2017, 2018 and 2019 QEE graduates), were identified on the career-networking tool *LinkedIn*. Here are some of the positions currently held by recent QEE graduates: Asset Management Analyst, JLL; Research Associate, Federal Reserve Bank of Boston; Tech Consultant Strategy and Analytics, Deloitte; Supply Planner, CSI Tech; Investment Banking Associate, UBS; Senior Consultant, JS Held LLC; Manager, BI and Analytics, Ashley Furniture; Data Scientist, Nielsen; Associate Project Analyst, Amjen; Compliance Officer, JP Morgan Chase; Market Sales Analysis, Point and Pay; and Data Scientist, General Dynamics. The QEE major also prepares students for graduate study. From the same cohort of graduates, alumni are furthering their studies at MIT, Duke, Texas A&M, NYU, London Business School, University of Florida Law; and USF.

Outside of private industry, there is also significant potential for graduates to make impacts at a state and local level, driven in part by governments' increasing reliance on benefit/cost and economic impact analysis in guiding policy decisions. All major requests to state and local governments for resources now require an impact study. For example, requests for such things as improvements to the Daytona International Speedway, subsidies for movie production and spring training facilities for Major League Baseball are accompanied by economic impact statements. Job and tax revenue forecasts accompany every business request for a subsidy from local governments. Existing state and county programs also justify their continuation using benefit/cost analyses, producing analyses for everything from child mental

health programs to mangrove conservation. Growth management, including the building of new roads, schools, parks, firehouses, etc., relies heavily on these analyses. The additional statistical and analytical training in the EQE major (econometrics, mathematical economics, advanced economic theory, forecasting, etc.) well prepares students for successful careers in this industry. The preparation and training of more skilled and objective analysts can improve the data-driven decision-making of our state and local governments, as well as that of Florida businesses. Growing states like Florida will continue to require more employees trained in this area. This helps explain why the growth numbers cited above are much larger for the state of Florida than for the nation as a whole.

B. Demand: Describe data that support the assumption that students will enroll in the proposed program. Include descriptions of surveys or other communications with prospective students.

This proposed new degree proposal transitions a major that is currently offered at USF under the General Economics CIP code to a fully recognized STEM degree under its own CIP Code, 45.0603. USF began offering the current B.S. in Quantitative Economics and Econometrics (QEE) in the Fall of 2016. During the first year, 77 students declared the QEE major. This number steadily grew, and currently there are 133 declared majors as of Fall 2020. We anticipate additional growth in the number of declared students, should this proposal be approved, as the STEM designation is more recognizable and desirable to undergraduates from a marketing standpoint. This is because the new program will appear in search engines and academic rankings that only include EQE programs under the proposed CIP code. In addition, foreign students who obtain such a degree also receive a longer Optional Practical Training (OPT) period than those students obtaining degrees from non-STEM fields. OPT allows international students on F-1 (student) Visas to work for one year in the United States. However, there is the STEM OPT Extension, which allows for a 24 month extension of the OPT employment authorization. These additional two years should increase the employability of our international students.

C. If substantially similar programs (generally at the four-digit CIP Code or 60 percent similar in core courses), either private or public exist in the state, identify the institution(s) and geographic location(s). Summarize the outcome(s) of communication with such programs with regard to the potential impact on their enrollment and opportunities for possible collaboration (instruction and research). In Appendix C, provide data that support the need for an additional program.

No SUS institution currently offers an undergraduate degree program in CIP Code 45.0603. Currently, only USF offers a QEE major under the General Economics CIP Code, while ten out of the twelve SUS institutions, including USF, offers a general Economics major under CIP Code 45.0601. The proposed B.S. degree in Econometrics and Quantitative Economics would be the first offered in the state of Florida.

D. Use Table 1 in Appendix A (one-A for undergraduate and 1-B for graduate) to categorize projected student headcount (HC) and Full Time Equivalents (FTE) according to primary sources. Generally, undergraduate FTE will be calculated as 30 credit hours per year and graduate FTE will be calculated as 24 credit hours per year. Describe the rationale underlying enrollment projections. If students within the institution are expected to change majors to enroll in the proposed program at its inception, describe the shifts from disciplines that will likely occur.

The proposed Econometrics and Quantitative Economics (CIP 45.0603) degree program will replace the existing QEE undergraduate major in Economics, General (CIP 45.0601), which currently has a student headcount of 133 (Fall 2020) and 156 unduplicated head count AY 2019-20).

Given that this new degree proposal aligns the B.S. in Econometrics and Quantitative Economics under a CIP code that better fits the program and outcomes, and the major will now be identified as STEM, we anticipate a small increase in the number of declared students, particularly international students. As reflected in Table 1-A, due to strong industry demand, we expect growth at about 5-10% per year over the first five years. Importantly, this rate of growth can be accommodated with the available departmental resources.

Under the current major, we have seen a shift of approximately 12-15 students moving from others majors within the University to the QEE major. This is a small number of students and standard for students to declare a different major after they have been admitted to the University

- E. Indicate what steps will be taken to achieve a diverse student body in this program. If the proposed program substantially duplicates a program at FAMU or FIU, provide, (in consultation with the affected university), an analysis of how the program might have an impact upon that university's ability to attract students of races different from that which is predominant on their campus in the subject program. The university's Equal Opportunity Officer shall review this section of the proposal and then sign and date Appendix B to indicate that the analysis required by this subsection has been completed.**

Neither FIU nor FAMU offer this degree program. The currently offered USF major in QEE has a student population that reflects a higher percentage of traditionally underrepresented minority students than Economics programs nationwide. According to the latest report of the American Economic Association's Committee on the Status of Minority Groups in the Economics Profession (CSMGEP) from December of 2019 (<https://www.aeaweb.org/content/file?id=11547>), 11.5% of Economics undergraduates nationwide identify as Hispanic and 5.0% identify as Black. The latest available USF data from for the 2019-2020 academic year showed that the QEE major at USF had 18.8% of its declared students identified as Hispanic and 9.0% identified as Black. It is anticipated this diversity will be sustained through the shift from major to degree program.

II. Budget

- A. Use Table 3 in Appendix A to display projected costs and associated funding sources for Year 1 and Year 5 of program operation. Use Table 4 in Appendix A to show how existing Education & General funds will be shifted to support the new program in Year 1. In narrative form, summarize the contents of both tables, identifying the source of both current and new resources to be devoted to the proposed program. (Data for Year 1 and Year 5 reflect snapshots in time rather than cumulative costs.)**

The proposed new STEM B.S. degree program establishes a new degree that will replace an existing major that has been in existence for a number of years but offered under the non-STEM General Economics, CIP code. Resources that are currently allotted to support the existing major will be transferred to support the new degree program so no new resources are needed.

Appendix A, Table 3 shows the costs of the faculty and other associated budgetary costs of the program totaling to \$482,988 in Year 1. Faculty account for 2.15 person-years, totaling \$349,046 in salary and benefits for Year 1. Accounting for two annual salary increases of two percent over the five-year period, and then adding benefits, the faculty amount (salary increase, plus fringes) will be \$363,147 by Year 5. The remaining budget items are all budgeted based on the proportion of students declared in the program (0.21 of the total economics students declared). This places initial costs for A&P (Academic Services Administrator) salary and benefits (\$16,540), USPS at \$12,756, graduate assistants supporting some of the courses at \$70,915, OPS at \$26,972 (provides grader support for courses) and expenses at \$6,759 (materials for face-to-face courses). The total in year 5 of \$502,501 reflect two 2% increases in all categories over the 5-year period reflecting historic trends.

The reallocation of funds is shown in Table 4. Funds in each category have been reallocated based on the average percent of effort associated with faculty for the program as shown in Table 2. All other categories are allocated based on the portion of EQE majors in relation to the total number or undergraduate declared students in the Department of Economics ($156/726=0.21$).

- B. Please explain whether the university intends to operate the program through continuing education, seek approval for market tuition rate, or establish a differentiated graduate-level tuition. Provide a rationale for doing so and a timeline for seeking Board of Governors' approval, if appropriate. *Please include the expected rate of tuition that the university plans to charge for this program and use this amount when calculating cost entries in Table 3.***

There is no plan to operate this undergraduate program through continuing education or seek approval for market tuition rate. The tuition rate for this program will be the standard University of South Florida tuition rate. USF's AY 20/21 tuition and fees schedule may be found by visiting the following url, which was accessed March 10, 2021: https://www.usf.edu/business-finance/controller/documents/student-services/undergraduate_tuition_rates_2020_2021.pdf. There are no plans for additional costs to the

students.

- C. If other programs will be impacted by a reallocation of resources for the proposed program, identify the impacted programs and provide a justification for reallocating resources. Specifically address the potential negative impacts that implementation of the proposed program will have on related undergraduate programs (i.e., shift in faculty effort, reallocation of instructional resources, reduced enrollment rates, greater use of adjunct faculty and teaching assistants). Explain what steps will be taken to mitigate any such impacts. Also, discuss the potential positive impacts that the proposed program might have on related undergraduate programs (i.e., increased undergraduate research opportunities, improved quality of instruction associated with cutting-edge research, improved labs and library resources).**

As the basic structure of the proposed B.S. EQE degree program is already operational under the current major, we do not expect any impact to other programs. The existing QEE major will be discontinued, and existing QEE students will be moved into the new EQE degree program. Essentially, the new degree will be offered under the STEM Area of Strategic Emphasis. This improves students' career opportunities and improves the ability to recruit new students to the program.

- D. Describe other potential impacts on related programs or departments (e.g., increased need for general education or common prerequisite courses, or increased need for required or elective courses outside of the proposed major).**

There is no increased need for general education or other prerequisite courses for this new degree program. The courses and prerequisites supporting the current major will support the new degree program. As the current major will be discontinued, there will be no increased need for supporting courses.

- E. Describe what steps have been taken to obtain information regarding resources (financial and in-kind) available outside the institution (businesses, industrial organizations, governmental entities, etc.). Describe the external resources that appear to be available to support the proposed program.**

The current major is supported fully with existing operational funds that will be reallocated to support the new degree program.

III. Projected Benefit of the Program to the University, Local Community, and State

Use information from Tables 1 and 3 in Appendix A, and the supporting narrative for "Need and Demand" to prepare a concise statement that describes the projected benefit to the university, local community, and the state if the program is implemented. The projected benefits can be both quantitative and qualitative in nature, but there needs to be a clear distinction made between the two in the narrative.

Projected qualitative benefits of the B.S. in Econometrics and Quantitative Economics to USF

The University of South Florida benefits from having the State's first undergraduate degree in the rapidly growing field of Econometrics and Quantitative Economics (EQE). EQE will draw students from around the state, the nation and internationally who are interested in obtaining this specialized degree in the dynamic area of economic data analysis. Graduates will be highly competitive for positions in industry, as well as matriculation to graduate programs in Economics, Risk Management and Data Analysis.

Projected quantitative benefits of the B.S. in Econometrics and Quantitative Economics to USF

Establishing the EQE degree in its own STEM-CIP code will immediately add 50 or more STEM graduates each year, enhancing USF's Performance Based Funding metrics. This includes increasing the number of STEM degrees awarded and improving state and national reputation. Many international students are enrolled in USF's undergraduate Economics and Econometrics majors and these students will benefit from the two-year Optional Practical Training (OPT) extension awarded to graduates of designated STEM degree programs.

Projected qualitative benefits of the B.S. in Econometrics and Quantitative Economics to the community:

As data become ever more inexpensive to gather and store, there arises a need for professionals who are trained to work with data. The Tampa Bay area benefits from having students equipped with an undergraduate degree in Econometrics and Quantitative Economics to fill these critical needs. In addition, the Tampa Bay metro area and the I-4 Corridor continue to grow. Studies will be needed to determine impacts of local developments, needs for new roads, schools, parks and fire/police services. Economists with quantitative skills are major contributors to these analyses, and better-trained analysts result in better forecasts and estimates.

Projected quantitative benefits of the B.S. in Econometrics and Quantitative Economics to the community:

As mentioned previously, Burning Glass estimates the number of positions well suited for EQE are expected to grow over the next 10 years by 15.6% nationally, and 26.4% in both Florida and the Tampa Bay area. These growth rates are 2-3 times the overall job growth rate and these jobs pay well. The average salaries for graduates (from Burning Glass) are \$71,559 nationally, \$66,498 in Florida, and \$68,714 in Tampa-St. Petersburg-Clearwater region.

Projected qualitative benefits of the B.S. in Econometrics and Quantitative Economics to Florida:

This new degree supports the current State University System (SUS) Strategic Goals to: (1) "Increase the Number of Degrees Awarded within Programs of Strategic Emphasis", and (2) Strengthen Quality and Reputation of Academic Programs and Universities. In addition, the preparation and training of more skilled and objective analysts can improve the data-driven decision-making of our state and local governments, as well as that of Florida businesses.

IV. Access and Articulation – Bachelor's Degrees Only

- A. If the total number of credit hours to earn a degree exceeds 120, provide a justification for an exception to the policy of a 120 maximum and submit a separate request to the Board of Governors for an exception along with notification of the program's approval. (See criteria in Board of Governors Regulation 6C-8.014)

The total number of credit hours to earn a B.S. in Econometrics and Quantitative Economics degree is 120.

- B. List program prerequisites and provide assurance that they are the same as the approved common prerequisites for other such degree programs within the SUS (see link to the Common Prerequisite Manual on [the resource page for new program proposal](#)). The courses in the Common Prerequisite Counseling Manual are intended to be those that are required of both native and transfer students prior to entrance to the major program, not simply lower-level courses that are required prior to graduation. The common prerequisites and substitute courses are mandatory for all institution programs listed, and must be approved by the Articulation Coordinating Committee (ACC). This requirement includes those programs designated as "limited access."

If the proposed prerequisites are not listed in the Manual, provide a rationale for a request for exception to the policy of common prerequisites. NOTE: Typically, all lower-division courses required for admission into the major will be considered prerequisites. The curriculum can require lower-division courses that are not prerequisites for admission into the major, as long as those courses are built into the curriculum for the upper-level 60 credit hours. If there are already common prerequisites for other degree programs with the same proposed CIP, every effort must be made to utilize the previously approved prerequisites instead of recommending an additional "track" of prerequisites for that CIP. Additional tracks may not be approved by the ACC, thereby holding up the full approval of the degree program. Programs will not be entered into the State University System Inventory until any exceptions to the approved common prerequisites are approved by the ACC.

The common prerequisites for the program will be as follows:

- ECO 2013 Economic Principles (Macroeconomics) and
- ECO 2023 Economic Principles (Microeconomics)

A grade of C is the minimum acceptable grade in each of the prerequisite courses.

Please see Appendix H for the completed Common Prerequisite Request form, which was approved during the February 24, 2021 Articulation Coordinating Committee meeting, per correspondence with Lynda Page, Director of Articulation for the Florida Board of Governors.

- C. If the university intends to seek formal Limited Access status for the proposed program, provide a rationale that includes an analysis of diversity issues with respect to such a designation. Explain how the university will ensure that Florida College System transfer students are not disadvantaged by the Limited Access status. NOTE: The policy and criteria for Limited Access are identified in Board of Governors Regulation 6C-8.013. Submit the Limited Access Program Request form along with this document.**

The University does not intend to seek formal Limited Access status for the proposed program.

- D. If the proposed program is an AS-to-BS capstone, ensure that it adheres to the guidelines approved by the Articulation Coordinating Committee for such programs, as set forth in Rule 6A-10.024 (see link to the Statewide Articulation Manual on [the resource page for new program proposal](#)). List the prerequisites, if any, including the specific AS degrees which may transfer into the program.**

The proposed program is not an AS-BS capstone.

Institutional Readiness

V. Related Institutional Mission and Strength

- A. Describe how the goals of the proposed program relate to the institutional mission statement as contained in the SUS Strategic Plan and the University Strategic Plan (see link to the SUS Strategic Plan on [the resource page for new program proposal](#)).**

The proposed program provides the training needed to forecast and evaluate the economic impact of state and local government policies and projects, demographic changes, and new or existing business ventures. USF's goal of building a prosperous and sustainable future for our regional communities and the state of Florida will require well-planned growth management in which EQE graduates would play a critical role. The additional statistical and analytical training included in the proposed program are readily applicable to a variety of fields, providing our alumni with a foundation that is adaptable to the inevitable changes that arise in a dynamic global market. Many courses available to EQE majors, from the required prerequisites, Macroeconomic and Microeconomics, to electives such as International Economics, Development Economics, International Trade and Policy and Comparative Economic Systems, provide an international perspective that will prepare our students for the more globalized markets of the future.

- B. Describe how the proposed program specifically relates to existing institutional strengths, such as programs of emphasis, other academic programs, and/or institutes and centers.**

STEM continues to be emphasized at USF, and this new degree proposal will result in approximately 50 new STEM graduates annually because CIP Code 45.0603 is recognized by the BOG as a PSE in STEM. Part of the student success initiative concerns placement, and this proposed program will provide a recognized, in-demand STEM degree that improves career opportunities in high-wage employment. The rigorous statistical, mathematical and theoretical training provides a strong foundation for further education in Economics, Finance and Data Analytics. Within USF, these students are well qualified for USF's M.A. and Ph.D. in Economics programs, graduate study in Finance at both the M.A. and Ph.D. levels, and the Ph.D. program in Big Analytics. The Center for Urban Transportation Research (CUTR) on the Tampa campus often hires Economics students and alumni.

- C. Provide a narrative of the planning process leading up to submission of this proposal. Include a chronology in table format of the activities, listing both university personnel directly involved and external individuals who participated in planning. Provide a timetable of events necessary for the implementation of the proposed program.**

The below table describes key events and decision-making points in the planning of the new degree program. The date, stakeholders participating, and activities are briefly outlined below:

Planning and Implementation Process

Date	Participants	Planning Activity
Fall 2013 - Spring 2014	Economics Faculty, Economics Undergraduate Curriculum Committee (EUCC)	Initiated discussion on proposing a new major in Quantitative Economics and Econometrics. The undergraduate curriculum committee was tasked with putting together a proposal.
Spring – Summer 2015	EUCC	Proposal assembled.
Fall 2015	Economics Faculty	Voted to approve the new major and to submit the proposal.
Fall 2015	Economics Chair, EUCC Chair	Proposal submitted.
October 26, 2015	CAS Undergraduate Committee, EUCC Chair	Proposal approved by the CAS Undergraduate Committee
November 23, 2015	Economics Chair, EUCC Chair, CAS Deans Office, University Undergraduate Council	Proposal approved by the University Undergraduate Council
February 12, 2016	Office of Decision Support	QEE Major under CIP Code 45.0601 entered in to 2016 Undergraduate Catalog
Fall 2016	USF Students, Economics Department	First students enroll in the QEE Major
February 2020	CAS Deans Office, Economic Chair and Office of Decision Support 's Academic Planning unit	Preproposal assembled.
March 12, 2020	Intercampus Consolidation Committee for Curriculum Change	Pre-proposal approved by Committee
March 18, 2020	USF System Academic Program Advisory Council (APAC)	Pre-proposal approved by APAC
April 3, 2020	Council of Academic Vice Presidents Coordinators Workgroup (CAVP)	CAVP Workgroup expressed no concerns with the pre-proposal.

The below table describes key dates and activities associated with the implementation of the new degree program.

Events Leading to Implementation

Date	Implementation Activity
March 2021	College of Arts and Sciences faculty and college curriculum committees approved the new degree proposal.
March 22, 2021	Undergraduate Council approved the new degree proposal.
May 4, 2021	Academic Campus Environment Advisory Council approved the new degree proposal.
May 25, 2021	BOT ACE Committee approved the new degree proposal.
June 8, 2021	BOT approved the new degree proposal.
June 2021	New degree proposal submitted to the Academic and Student Affairs unit in the Board of Governors Office.
	Once approved, the new degree program will be added to the USF undergraduate catalog. The program will be marked as a STEM degree.

VI. Program Quality Indicators - Reviews and Accreditation

Identify program reviews, accreditation visits, or internal reviews for any university degree programs related to the proposed program, especially any within the same academic unit. List all recommendations and summarize the institution's progress in implementing the recommendations. Please include evidence that teacher preparation programs meet the requirements outlined in Section. 1004.04, Florida Statutes, if applicable.

The Department of Economics' existing programs were reviewed by Dr. James Foster, the Oliver T. Carter Professor of International Affairs and Professor of Economics at George Washington University in 2018. At that time, the existing QEE major was less than two years old but already had over 120 declared students. According to Dr. Foster, "the perceptions, assessment and other data helped confirm that the core undergraduate B.A. program is in good shape, and a new quantitative B.S. program has been surprisingly successful in its first year." He specifically commented on the B.S. in QEE, calling it "a strong addition to the undergraduate program, which fulfills multiple purposes. It will attract and retain the best students. It provides the quantitative skills that are desirable to employers. And it is a more efficient route for students interested in pursuing graduate study."

This proposal establishes a B.S. in Econometrics and Quantitative Economics offered under CIP Code 45.0603 and adds a unique STEM degree to USF's and the SUS's inventory.

VII. Curriculum

A. Describe the specific expected student learning outcomes associated with the proposed program. If a bachelor's degree program, include a web link to the Academic Learning Compact or include the document itself as an appendix.

Please see Appendix E for the Academic Learning Compact.

Mission Statement

The Bachelor of Science program in Econometrics and Quantitative Economics is intended to provide students with an understanding of key concepts in Economics and a foundation to engage in advanced economic analysis. The program relies heavily on mathematical models and statistical techniques to enable student to gain insight as to the underlying drivers of the economy and how various economic variables are both estimated and forecast. Students pursuing this program will learn problem-solving skills that can be applied to any career. This degree will prepare students to conduct research, collect and analyze data, monitor economic trends, and develop forecasts on a wide variety of issues. Students are prepared for graduate study in economics or for entry into industry.

Goal 1: Discipline-Specific Knowledge

Student Learning Outcome Statements:

1. Students will be able to analyze macroeconomic conditions by employing models of a national economy both under autarky, when country is closed to trade and when open to international trade.
2. Students will demonstrate the ability to use sophisticated mathematical models of various market structures to analyze the economic environment in which a firm operates and make appropriate strategy recommendations.

Goal 2: Critical Thinking Skills

Student Learning Outcome Statements:

1. Students will display the ability to work with mathematical formalizations of economic models and perform the necessary mathematical operations to solve and interpret these models.
2. Students will display the ability to use statistical and econometric methods - including data gathering, data analysis, and hypothesis testing – in applied empirical work.

Goal 3: Communication

Student Learning Outcome Statement:

1. Students will demonstrate the ability to communicate effectively in written, spoken, and graphical form about specific economic issues.

B. Describe the admission standards and graduation requirements for the program.

Students applying to the University of South Florida are expected to meet the University's admissions standards, as listed on USF's Office of Admissions' website:

- First time in college (FTIC) Requirements:
<https://www.usf.edu/admissions/freshmen/admission-information/requirements-deadlines.aspx>
 <accessed 03/10/2021>
 - A diploma from a public or accredited high school or the state-approved General Education Development (GED) diploma is required for freshman admission. Early Admission Program students are exempted from this requirement.
 - For freshman applicants earning a high school diploma, the following college preparatory academic units (year-long courses or equivalents) normally offered in grades nine through twelve are required:
 - Four (4) units of English (three of the four must incorporate substantial writing requirements);
 - Four (4) units of mathematics (Algebra I and above);
 - Three (3) units of natural sciences (two of the three must incorporate substantial laboratory requirements);
 - Three (3) units of social sciences (history, civics, political science, economics, sociology, psychology, and geography);
 - Two (2) units of the same foreign language; and
 - Two (2) additional units of academic electives.
 - Official admission test scores from the College Board SAT administered by the Educational Testing Services or scores from the ACT exam must be submitted. When scores are provided from multiple administrations of an admission test, the combination of the highest individual subtest scores are used to determine eligibility for admission.
 - At a minimum, each freshman applicant must meet one of the following:
 - At least a "B" average (3.0 on a 4.0 scale) as computed by USF in required high school academic units in English, mathematics, natural science, social science and foreign language; or
 - A combination of admission test scores and a high school GPA equivalent to a 3.0 (on a 4.0 scale) as computed by USF in the required high school academic units in English, mathematics, natural science, social science and foreign language, and scores on the College Board SAT or NRCCUA ACT that meet college placement minimums per the Florida Board of Governors.
 - Applicants with a GED diploma must have an average score of 174 or higher on each of the five GED tests.
- Transfer Requirements: <https://www.usf.edu/admissions/transfer/admission-information/requirements-deadlines.aspx> <accessed 03/10/2021>

Transfer applicants with less than 30 semester hours of transferable college credit (lower level) must meet all Freshman Admission requirements listed above.

Applicants with 30 or more and 59 or less transferrable semester hours must have successfully completed (C or higher) at least one English Composition course and one college level mathematics course that consists of three (3) semester credit hours. High school transcripts are required to demonstrate completion of the foreign language admission requirement.

Lower level transfer students who do not meet the foreign language requirements must satisfy the foreign language requirement prior to admission to the upper division.

To be considered for admission, transfer applicants with 60 or more transferable semester credits must submit an official transcript from each previous college attended and a TOEFL or IELTS score, if applicable. Final transcripts with any degree awarded, or a minimum of 60 semester hours of transferable credit earned prior to initial enrollment at USF, must be submitted to determine final admissions eligibility.

Every associate in arts graduate of a Florida College System institution shall be granted admission to the upper division of a public postsecondary institution consistent with Section 1007.23, F.S. Admission to the student's preferred public postsecondary institution or program is not guaranteed.

Undergraduate transfer students who have not earned the AA degree/certificate from a public community/junior college or state university in Florida or who have attended another college after receipt of the AA degree/certificate from a public community/junior college or state university in Florida must have an overall 2.0 grade point average on a 4.0 scale in all college level courses attempted and acceptable to transfer.

Associate of Arts degree holders who are not exempt from the foreign language requirement and all other upper level transfer students admitted without meeting the foreign language admission requirement (see Sec. (4)(d)2.) must satisfy the foreign language requirement prior to graduation.

For graduation, students must satisfy the requirements from their catalog year while maintaining GPA and grading requirements, and satisfactory completion of the following requirements:

- General Education Program (36 credit hours), including State Core General Education, State Computation and Communication;
- Minimum of 120 unduplicated credit hours;
- A minimum adjusted grade point average (GPA) of 2.0 on all coursework taken at USF and an overall 2.0 GPA average on all college-level coursework;
- Major and college requirements in a chosen degree program;
- Nine credit hours of coursework taken during the summer term(s) (if entered USF with less than 60 credit hours);
- Registration and successful completion of at least 30 of the last 60 credit hours;
- 42 credit hours of upper-level coursework;
- Civics Literacy;
- Foreign language admissions coursework;
- Specific Grading Requirement: Unless otherwise stated, the minimum acceptable grade in all BSEQE required courses, including the prerequisite statistics course, is a C or higher (C- is insufficient).

C. Describe the curricular framework for the proposed program, including number of credit hours and composition of required core courses, restricted electives, unrestricted electives, thesis requirements, and dissertation requirements. Identify the total numbers of semester credit hours for the degree.

The Econometrics and Quantitative Economics degree program requires a total of 120 semester credit hours of coursework. The lower-level portion of the degree program includes common course prerequisites and general education courses. The major portion of the degree program includes 27 credit hours in the major coursework, including 18 credit hours of required major core courses and 9 credit hours of elective courses. All major core and elective courses are offered for three (3) credit hours.

If, however, transfer students take other lower-level courses to meet the State Mandated Common Prerequisite courses, they will be expected to take ECO 2013 and ECO 2023 prior to taking upper-level Economics courses.

Major Core: (6 courses; 18 credit hours)

- ECO 2052 Analytical Tools for Economists
- ECO 3101 Intermediate Price Theory
- ECO 3203 Intermediate Macroeconomics
- ECO 4401 Introduction to Mathematical Economics

- ECO 4421 Introduction to Econometrics
- STA 2023 Introductory Statistics I

Major (Restricted) Electives: (3 courses; 9 credit hours)

Choose 2 courses (6 credit hours) from the following list:

- ECO 4105 Advanced Price Theory
- ECO 4201 Advanced Macroeconomic Theory
- ECO 4422 Time Series Analysis and Forecasting

Choose 1 course (3 credit hours) from the following list (or complete all three major (restricted) electives):

- ECO 3622 American Economic History
- ECO 3703 International Economics
- ECO 4270 Economic Growth
- ECO 4303 History of Economic Thought
- ECO 4323 Radical Political Economy
- ECO 4400 Game Theory and Economic Applications
- ECO 4504 Public Finance
- ECO 4704 International Trade and Policy
- ECO 4713 International Macroeconomics
- ECP 3125 Economics of Inequality
- ECP 3201 Economics of Women and Work
- ECP 3203 Labor Economics
- ECP 3302 Environmental Economics
- ECP 3403 Industrial Organization
- ECP 3413 Economics of Regulation and Antitrust
- ECP 3530 Economics of Health
- ECP 3613 Urban Economics
- ECP 3623 Regional Economics
- ECP 3703 Managerial Economics
- ECP 4006 Economics of Sports
- ECP 4451 Law and Economics
- ECP 4505 Economics of Crime
- ECP 4510 Economics of Education
- ECP 4704 Economics of Business Strategy
- ECS 3013 Economic Development
- ECS 4003 Comparative Economic Systems
- ECS 4430 Economics of Latin America

D. Provide a sequenced course of study for all majors, concentrations, or areas of emphasis within the proposed program.

Please see Appendix G for the eight-semester and four-semester course sequenced plans of study.

E. Provide a one- or two-sentence description of each required or elective course. For degree programs in medicine, nursing, and/or allied health, please identify the courses that meet the requirements in Section 1004.08, Florida Statutes for required patient safety instruction.

Major Core (6 courses; 18 credit hours):

ECO 2052 Analytical Tools for Economists (3 credit hours)

Mathematical tools required for the study of undergraduate economics. Topics include algebra, graphing, and basic differential and integral calculus required students to succeed in undergraduate economics courses.

ECO 3101 Intermediate Price Theory (3 credit hours)

The price system and allocation of scarce resources between competing uses. May not receive credit for both ECP 3703 and ECO 3101.

ECO 3203 Intermediate Macroeconomics (3 credit hours)

Determination of income, employment, prices, and interest rates. Aggregate demand and aggregate supply.

ECO 4401 Introduction to Mathematical Economics (3 credit hours)
Mathematical models of optimizing behavior and economic equilibrium.

ECO 4421 Introduction to Econometrics (3 credit hours)
Survey of basic econometric techniques. Regression analysis employed to estimate consumption, investment, demand, cost, and production functions. Examines problems of auto-correlation, heteroscedasticity, multicollinearity, and specification errors.

STA 2023 Introductory Statistics I (3 credit hours)
Descriptive and Inferential Statistics; Principles of Probability Theory, Discrete and Continuous Probability Distributions: Binomial Probability Distribution, Poisson Probability Distribution, Uniform Probability Distribution, Normal Dist and more.

Major (Restricted) Electives (2 courses, 6 credit hours):

ECO 4105 Advanced Price Theory (3 credit hours)
An advanced survey of special topics in microeconomics: borrowing and saving, decision making under uncertainty, markets for capital and labor, game theory, production and exchange efficiency, social welfare, and efficiency consequences of market and non-market allocation.

ECO 4201 Advanced Macroeconomic Theory (3 credit hours)
An advanced analysis of a particular topic or topics in macroeconomics. Areas of study include the theories of money, growth, and business cycles. Discussions of how such theories accord with the data are also presented.

ECO 4422 Time Series Analysis and Forecasting (3 credit hours)
This course covers the basics of forecasting and time series analysis as used in economics, finance, and business. Time series topics will include linear regression, ARIMA models, trend modeling, seasonal adjustments and volatility modeling.

Elective Options (1 course, 3 credit hours):

ECO 3622 American Economic History (3 credit hours)
Growth and evolution of American economic institutions from Colonial times to the present.

ECO 3703 International Economics (3 credit hours)
Role of international trade in the U.S. economy. Gains from trade, balance of payments, exchange rate determination, balance of payments stability, and international commercial policy.

ECO 4270 Economic Growth (3 credit hours)
This course provides an introduction to the theory of economic growth, the process whereby the level of real output per capita increases over time. Emphasis is on the role of factor accumulation and productivity growth and their underlying fundamentals.

ECO 4303 History of Economic Thought (3 credit hours)
Development of economic thought from Plato to Marshall.

ECO 4323 Radical Political Economy (3 credit hours)
The radical (left) and Marxist schools of thought in economics. Application of radical theory to problems of advanced capitalist and socialist societies.

ECO 4400 Game Theory and Economic Applications (3 credit hours)
This course is an introduction to game theory, the study of strategic behavior among parties having opposed, mixed or similar interests.

ECO 4504 Public Finance (3 credit hours)
The public sector and its contribution to economic welfare. Government expenditures and revenues. Resource allocation, income distribution, stabilization, and economic growth.

ECO 4704 International Trade and Policy (3 credit hours)

Advanced analysis of international trade theory and commercial policy, international economic integration, multinational enterprise.

ECO 4713 International Macroeconomics (3 credit hours)

Advanced analysis of international macroeconomic relationships. Foreign exchange market, international monetary system balance of payments.

ECP 3203 Labor Economics (3 credit hours)

Determinants of wage and employment levels; occupational, industrial and geographical wage differentials; union and public policy effects on labor markets; the economics of discrimination; inflation, and unemployment.

ECP 3125 Economics of Inequality (3 credit hours)

Economic facts, theories and policies concerning income inequality, poverty and discrimination in the U.S. economy and elsewhere in the world.

ECP 3201 Economics of Women and Work (3 credit hours)

Survey of research on women, men and work in the labor market and the household. Focuses on the economic status of women. Includes historical perspective, examination of the family as an economic unit, changing work roles, and gender differences in occupation and earnings.

ECP 3203 – Labor Economics

Determinants of wage and employment levels; occupational, industrial and geographical wage differentials; union and public policy effects on labor markets; the economics of discrimination; inflation, and unemployment.

ECP 3302 Environmental Economics (3 credit hours)

An economic analysis of environmental issues. The economics of resource use and pollution control are examined using the concepts of externalities, cost-benefit analysis, public goods, and property rights.

ECP 3403 Industrial Organization (3 credit hours)

Behavior of firms and market structure when the standard assumption of perfect competition in the market is violated. Existence of market power, how firms create and maintain it, implications of market power, and related public policy issues.

ECP 3413: Economics of Regulation and Antitrust (3 credit hours)

Economic analysis of the rationale and performance of government regulation and antitrust policy. Examination of antitrust issues such as price fixing, mergers, and monopolization, and issues regulating electric utilities, airlines, trucking, consumer product safety, product quality, and the environment.

ECP 3530 Economics of Health (3 credit hours)

Application of economic methods to health care topics such as demand for medical care, public and private health insurance, physician and hospital supply of medical care, government regulations, and national healthcare systems.

ECP 3613 Urban Economics (3 credit hours)

The role of space in understanding urban areas and their problems. Economic forces determining where people and firms locate within urban areas. Urban economic growth and development, land-use regulation, urban sprawl, transportation, urban government.

ECP 3623 Regional Economics (3 credit hours)

Survey of regional economics covers theories of location and land use of households and firms; central place theory; spatial structure of urban economy; regional income determination; interregional migration; and urban and regional policy analysis

ECP 3703 Managerial Economics (3 credit hours)

Application of microeconomic theory to problems in business decision making with a special focus on price determination. May not receive credit for both ECP 3703 and ECO 3101. Formerly ECO 3100.

ECP 4006 Economics of Sports (3 credit hours)

This course teaches economics using sports as a backdrop. Topics covered include the economics of labor markets, exploitation, discrimination, monopoly, monopsony, game theory, bargaining, and cartels. No particular knowledge of sports is required.

ECP 4451 Law and Economics (3 credit hours)

Advanced analysis of the economic impact of tort, criminal, property, and contract law as well as in the formation and adjudication of law.

ECP 4505 Economics of Crime (3 credit hours)

Application of economic theory to the analyses of criminal behavior, crime prevention, law enforcement, sanctions, and corrections.

ECP 4510 Economics of Education (3 credit hours)

Economic analysis of the goals of education in American society. Topics include theories of human capital and signaling, private returns to schooling, social welfare benefits and role of the public sector, and factors affecting educational productivity.

ECP 4704 Economics of Business Strategy (3 credit hours)

This course examines strategies businesses can employ to improve their abilities to compete profitably. Employs game theory to examine horizontal and vertical boundaries of firm, strategic diversification, pricing, and entry deterrence.

ECS 3013 Economic Development (3 credit hours)

Economic development in emerging nations.

ECS 4003 Comparative Economic Systems (3 credit hours)

The major economic systems: traditional, capitalism, democratic socialism, communism and fascism.

ECS 4430 Economics of Latin America (3 credit hours)

The course examines key aspects of economic reform efforts in Latin America and the Caribbean and the challenges facing the region at the beginning of the 21st century.

- F. For degree programs in the science and technology disciplines, discuss how industry-driven competencies were identified and incorporated into the curriculum and indicate whether any industry advisory council exists to provide input for curriculum development and student assessment.**

During the four years that the current major has been offered, the Department of Economics faculty have designed and maintained curriculum aimed at sufficiently covering areas of knowledge relevant to existing technologies and industries in the econometrics and quantitative economics. To accomplish this, we continue to: (I) consult the professional literature to identify trends in education and workforce development, and (II) have discussions with industry leaders and our alumni for input on how to better prepare our students.

We are in the process of setting up an industry advisory council consisting of local business and government leaders. To date, we have commitment from leaders from a Tampa-based community planning and public finance firm, a local economic consulting firm, and the Center for Urban Transportation Research (CUTR) on the USF Tampa campus, and initial contact has been made with local government agencies. Our goal is to have a group of 5-7 leaders from both the public and private sectors to offer input on how we may better prepare our students for success. This industry advisory council will also consult on current and predicted future needs in their industry. Letters of support from accepted advisory board members are in Appendix C.

In addition, we are currently working with the College of Arts and Sciences' Office of Development to create an EQE Alumni page on LinkedIn.

- G. For all programs, list the specialized accreditation agencies and learned societies that would be concerned with the proposed program. Will the university seek accreditation for the program if it is available? If not, why? Provide a brief timeline for seeking accreditation, if appropriate.**

There are currently no specialized accreditation agencies for Econometrics programs.

- H. For doctoral programs, list the accreditation agencies and learned societies that would be concerned with corresponding bachelor's or master's programs associated with the proposed program. Are the programs accredited? If not, why?**

N/A

- I. Briefly describe the anticipated delivery system for the proposed program (e.g., traditional delivery on main campus; traditional delivery at branch campuses or centers; or nontraditional delivery such as distance or distributed learning, self-paced instruction, or external degree programs). If the proposed delivery system will require specialized services or greater than normal financial support, include projected costs in Table 3 in Appendix A. Provide a narrative describing the feasibility of delivering the proposed program through collaboration with other universities, both public and private. Cite specific queries made of other institutions with respect to shared courses; distance/distributed learning technologies, and joint-use facilities for research or internships.**

This new degree program will be offered on the USF Tampa campus through mainly face-to-face delivery. The introductory and intermediate courses, as well as some electives, may be taken on the St. Petersburg and Sarasota-Manatee campuses.

VIII. Faculty Participation

- A. Use Table 2 in Appendix A to identify existing and anticipated full-time (not visiting or adjunct) faculty who will participate in the proposed program through Year 5. Include (a) faculty code associated with the source of funding for the position; (b) name; (c) highest degree held; (d) academic discipline or specialization; (e) contract status (tenure, tenure-earning, or multi-year annual [MYA]); (f) contract length in months; and (g) percent of annual effort that will be directed toward the proposed program (instruction, advising, supervising internships and practica, and supervising thesis or dissertation hours).**

All current faculty teach courses that can be applied toward our current QEE major and will continue to do so in the new EQE degree. The 20 current faculty all have Ph.D.s and the appropriate backgrounds to provide instruction in the new degree as they provide effort toward the existing major. Effort was calculated based on the current effort in the existing major.

- B. Use Table 3 in Appendix A to display the costs and associated funding resources for existing and anticipated full-time faculty (as identified in Table 2 in Appendix A). Costs for visiting and adjunct faculty should be included in the category of Other Personnel Services (OPS). Provide a narrative summarizing projected costs and funding sources.**

The Department of Economics currently delivers four programs (two undergraduate majors, a master's degree program and a Ph.D. degree program). The undergraduate majors consist of a B.A. in Economics and a B.S. in Quantitative Economics and Econometrics, both offered under the CIP Code 45.0601, Economics, General. The Master's and a Ph.D. Economics degrees are also offered under the General Economics CIP code. The B.S. major, referred to prior, will be discontinued when the new degree program in CIP Code 45.0603 is established. Thus, faculty effort currently dedicated to the B.S. major will be reallocated to the new B.S. degree in Econometrics and Quantitative Economics.

Percent effort devoted to the Departmental programs can be approximated by using the portion of faculty assignment allocated to teaching multiplied by the portion of teaching effort allotted to the current B.S. major. The effort for the Instructors allotted to the B.S. can be approximated by the portion of students declared in the B.S. major in relation to the total departmental undergraduate declared students ($156 / 677$ total undergraduate economics declared students = 0.22 or 22% of total undergraduate majors).

For the tenure line faculty, the percent of teaching effort allocated to the B.S. major can be approximated by the portion of students declared in the B.S. major in relation to total majors (undergraduate and

graduate) since the tenure line faculty teach students at both levels ($156/723 = 0.21$ or 21% of the total graduate plus undergraduate majors are B.S. majors).

Thus for Instructors who typically have a 95% teaching assignment, (5% allocated to service), the percent effort would be: $0.95 \text{ assignment to teaching} \times 0.23 = 0.22$ or 22% of total effort is devoted to the B.S. major and will be reallocated to the new B.S. degree.

For tenure line faculty who have teaching assignments ranging from 33%-50 % (with the rest allocated mainly to research and 5-10% service), the portion of their assignment currently allocated to the B.S. major and to be reallocated to the new degree would be unique to each faculty but most typically be: $0.5 \text{ effort assigned to teaching} \times 0.21 = 0.11$ or 11% of their effort will be devoted to the new degree program.

The costs are estimated by multiplying the total estimated faculty effort (2.28) by the average salary by campus.

C. Provide in the appendices the abbreviated curriculum vitae (CV) for each existing faculty member (do not include information for visiting or adjunct faculty).

Faculty CVs have been provided in Appendix I.

D. Provide evidence that the academic unit(s) associated with this new degree have been productive in teaching, research, and service. Such evidence may include trends over time for average course load, FTE productivity, student HC in major or service courses, degrees granted, external funding attracted, as well as qualitative indicators of excellence.

USF's Department of Economics has 14 ranked faculty, and 6 instructors. Three ranked faculty are located on the St. Petersburg campus. One of the instructors is located on the St. Petersburg campus and another instructor is located on the Sarasota-Manatee campus. The faculty supports a program with over 677 undergraduate students, 21 master's students, and 25 Ph.D. students. In the 2019-2020 academic year, we awarded 195 baccalaureate degrees, 11 master's degrees and 1 Ph.D. In addition to our majors, the Economics faculty support a general education social science course (Macroeconomic Principles), a foundation course in the common core (Microeconomic Principles) provide courses in the Muma College of Business undergraduate and MBA cores, and serve students from a variety of majors and colleges across the university (for example, Principles of Microeconomics is required of all Pharmacology students). During the 2019 – 2020 academic year, the Economics Department generated over 22,300 (gross, 21,900 funded) undergraduate credit hours and 1,950 (gross, 1,650 funded) graduate credit hours.

USF Economics faculty have published in a variety of academic journals, including leading general readership journals such as *the American Economic Review*, *International Economic Review*, *Economic Inquiry*, *Review of Economics and Statistics*, *RAND Journal of Economics*, as well as top field journals such as *the Journal of Health Economics*, *Health Economics*, *Journal of Development Economics*, *Journal of Econometrics*, *Public Choice*, *the Journal of Comparative Economics* among others. USF's Economists have published articles in 31 different journals that are ranked A or higher in the widely known economics journal ranking known as the CL Index (available here: <https://halshs.archives-ouvertes.fr/halshs-00520325/document>, url visited 03/10/2021). Faculty have written textbooks, edited an Oxford University Handbook, and served on editorial boards of various journals. In the 2018-19 academic year (before Covid-19 travel reductions took effect), Economics faculty presented their research at over 25 national and international conferences.

Grant activity in economics is much rarer than in laboratory sciences or engineering. Nevertheless, over the past five years, USF Economists obtained grants from the National Institute of Health; Land Economics Foundation; U.S. Agency for International Development Health Finance and Government Projects; African Economic Research Consortium, Duke – UNC – USDA BECR Center, United Nations University – Wider; and the van Wezel Foundation.

The Economics Department provides service to the profession, the University and the community. Hundreds of journal articles have been refereed by USF Economics faculty. Faculty reviewed grant proposals for the NSF and NIH, and served as outside reviewers for tenure and promotion for other economics departments. University service includes membership of the Undergraduate and Graduate

Councils, Faculty Senate, Library Council, General Education Council, and Faculty Development Committee, among others. Our faculty serve on boards of religious organizations, advise various student organizations, and volunteer at various civic organizations and schools throughout the Tampa Bay region. The faculty regularly represents USF in the media: in 2020 USF Economists appeared 40 times in print or on television and presented at 6 community forums.

IX. Non-Faculty Resources

- A. Describe library resources currently available to implement and/or sustain the proposed program through Year 5. Provide the total number of volumes and serials available in this discipline and related fields. List major journals that are available to the university's students. Include a signed statement from the Library Director that this subsection and subsection B have been reviewed and approved.**

Part I – Overview of USF Libraries, Mission, and Program/Discipline Strengths

The Southern Association of Colleges and Schools Commission on Colleges to award associate, baccalaureate, masters, specialist and doctorate degrees accredit the University of South Florida (USF). The institution was initially accredited in 1965 and was last reviewed and reaffirmed in 2015. The University of South Florida Libraries consist of USF's main research library and the Hinks and Elaine Shimberg Health Sciences Library, both located on the Tampa Campus; the Nelson Poynter Memorial Library, USF St. Petersburg campus; and an Information Commons at the USF Sarasota-Manatee campus. Access to print resources at the USF Tampa Library is available 24/5, and access to electronic resources is available remotely 24/7.

The USF Libraries inspire research, creativity, and learning by connecting the USF community to relevant and high-quality information. Our vision is to become the center of a highly engaged university community, driven to produce high-impact research and to nourish creativity. Together, the USF Libraries provide access to more than 2 million volumes and an extensive collection of electronic resources including approximately 95,785 journal subscriptions and open access titles and over 939 databases, 865,385 e-books, and 17,975,111 digital images. In addition, students have access to over 89,775 audio/visual materials including electronic media, music scores, audiobooks, CDs, and DVDs and 11,053 streaming videos.

The USF Libraries endeavor to develop and maintain a research collection that satisfies the resource needs of the undergraduate and graduate curriculums in the USF College of Arts & Sciences, and also meets the specialized needs of the students and faculty for a B.S. program in Econometrics and Quantitative Economics.

Part II - USF Libraries' Collections MONOGRAPHS (Print and Ebooks)

The USF Libraries contain extensive holdings of books in both print and e-book format that support student and faculty instructional and research needs in the new program. To identify the scope of relevant books, titles were derived from searching the library's catalog by Library of Congress Subject Headings relevant to Econometrics and Quantitative Economics.

MONOGRAPHIC COUNTS			
Library of Congress Subject Headings for Econometrics			
Library of Congress (LC) Call Number	Subject Heading	Print Books	EBooks
HA1 - HA4737	Statistics	5,758	7,306
HB71 - HB74	Economic theory: Economics as science; Relation to other subjects	659	6,239
HB75 - HB130	Economic theory: History of economic theory	44	63
HB135 - HB147	Economic theory: Methodology-Quantitative methods	148	157
HB201 - HB236	Economic theory: Value; Utility; Price	102	310
HB238 - HB251	Economic theory: Competition; Production; Wealth	167	281
HB501	Economic theory: Capital; Capitalism	2,730	7,531
HB522 - HB601	Economic theory: Income	1,753	2,045
HB801 - HB843	Economic theory: Consumption; Demand	452	690
HB846 - HB846.8	Economic theory: Welfare theory	962	1,431
HB848 - HB3697	Economic theory: Population.	1,609	2,419
HC10 - HC1085	Economic history and conditions	5,007	3,231
HF5001 - HF6182	Commerce: Business	2,483	5,365
HG1 - HG9999	Finance	5,549	10,475

Total Monographs All Subject Headings (Non-Unique)

- Print = 27,423
- Electronic = 47,543

Ebooks and Ebook Collections

- Cambridge Core eBooks
- EBSCO eBook Collection
- Oxford Scholarship Online. Economics and Finance
- ProQuest eBook Central
- ScienceDirect eBooks
- Springer eBook Collection in Business & Economics
- Taylor & Francis eBooks
- Wiley Online Library eBooks

MAJOR SERIAL TITLES (JOURNALS)

The USF Libraries subscribe to several scholarly and professional journals that have an editorial scope and content which support curricular activities at the Bachelor of Science level. A majority of the titles are in electronic format, thereby enhancing accessibility. Journal titles were derived by searching Scopus SciMago and Web of Science JCR ranked journals for curriculum topics in Econometrics and Quantitative Economics.

Serial Title Subscriptions and Open Access

- 75 Core Journal Titles (electronic format)

MAJOR SERIAL TITLES				
Title	SJR	H index	JCR Impact Factor	USF Library Holdings
Accounting Review	21.24	179	3.993	Business Source Premier 03/01/1926 - present
American Economic Review	17.13	285	4.097	Business Source Premier 03/01/1911 - present
Annual Review of Economics	14.56	179	3.705	Annual Reviews 01/01/2009 - present
Annual Review of Financial Economics	14.24	133	2.269	Annual Reviews 01/01/2009 - present
Brookings Papers on Economic Activity	13.79	60	5.655	Business Insights: Essentials 09/01/1999 - present
Cambridge Journal of Regions, Economy and Society	13.77	277	2.823	Oxford University Press 01/01/2008 - present
Conflict Management and Peace Science	12.84	174	2.092	SAGE Premier All Access Collection 02/01/1999 - present
Contemporary Accounting Research	12	240	2.026	Wiley Online Library 01/01/1997 - present
Econometrica	11.57	102	4.281	Wiley Online Library 01/01/1999 - present
Econometrics Journal	9.677	153	2.139	Oxford University Press 06/01/1998 - present
Economic Development and Cultural Change	8.761	185	2.042	Chicago Complete Collection - Full Run 03/01/1952 - present
Economic Geography	8.626	233	6.861	Taylor & Francis 01/01/1997 - present
Economic Journal	7.907	46	2.926	Business Source Ultimate 03/01/1965 - present
Economic Policy	7.595	167	3.424	Oxford University Press 01/01/1996 - present
Economica	7.538	153	1.478	Wiley Online Library 01/01/1997 - present
Emerging Markets Review	1.32	45	3.092	ScienceDirect 05/01/2000 - present
Energy Economics	7.325	159	4.151	ScienceDirect Freedom Collection 01/01/1995 - present
Entrepreneurship: Theory and Practice	7.172	80	10.75	Business Source Ultimate 09/01/1988 - present
European Economic Review	7.172	120	1.744	ScienceDirect Freedom Collection 01/01/1995 - present
Food Policy	6.996	132	3.788	ScienceDirect Freedom Collection 02/01/1995 - present
Games and Economic Behavior	6.666	80	1.223	ScienceDirect Freedom Collection 01/01/1995 - present
International Economic Review	5.821	143	1.56	Wiley Online Library 02/01/1999 - present
International Journal of Production Economics	5.474	121	5.134	ScienceDirect 09/01/1991 - present
International Tax and Public Finance	1.01	46	0.925	Springer Nature Journals 01/01/1994 - present
Journal of Accounting and Economics	5.453	153	3.753	ScienceDirect 03/01/1979 - present
Journal of Accounting Research	5.446	143	3.773	Wiley Online Library 06/01/2001 - present
Journal of Applied Econometrics	5.309	159	2.053	Wiley Online Library 01/01/1996 - present

MAJOR SERIAL TITLES				
Title	SJR	H index	JCR Impact Factor	USF Library Holdings
Journal of Business and Economic Statistics	5.181	12	2.935	Taylor & Francis 01/01/1997 - present
Journal of Consumer Research	4.994	184	6.207	Oxford University Press 01/01/1996 - present
Journal of Development Economics	4.923	48	2.649	ScienceDirect 01/01/1974 - present
Journal of Econometrics	4.777	98	1.577	ScienceDirect 03/01/1973 - present
Journal of Economic Geography	4.747	72	3.359	Oxford University Press 01/01/2001 - present
Journal of Economic Growth	4.31	16	6.154	Business Source Ultimate 03/01/2004 - present
Journal of Economic Literature	4.126	23	5.41	Business Source Premier 03/01/1969 - present
Journal of Economic Perspectives	3.92	27	6.451	Business Source Premier 06/01/1987 - present
Journal of Economic Theory	3.917	134	1.124	ScienceDirect 06/01/1969 - present
Journal of Environmental Economics and Management	3.916	71	4.175	ScienceDirect 05/01/1974 - present
Journal of Finance	3.834	61	6.201	Wiley Online Library 01/01/1997 - present
Journal of Financial and Quantitative Analysis	3.79	79	2.266	Business Source Premier 03/01/1966 - present
Journal of Financial Economics	3.777	59	4.693	ScienceDirect 05/01/1974 - present
Journal of Financial Intermediation	3.774	128	2.82	ScienceDirect 03/01/1990 - present
Journal of Human Resources	3.647	53	3.857	HighWire Press 01/01/2003 - present
Journal of International Business Studies	3.585	133	9.158	Springer Nature Journals 03/01/1997 - present
Journal of International Economics	3.583	21	2.216	ScienceDirect 01/01/1971 - present
Journal of International Marketing	3.566	140	4.575	Business Source Premier 03/01/1993 - present
Journal of Labor Economics	3.503	110	4.452	Chicago Complete Collection - 01/01/1983 - present
Journal of Marketing	3.496	103	5.266	Business Source Premier 07/01/1936 - present
Journal of Marketing Research	3.483	67	4.626	Business Source Ultimate 02/01/1964 - present
Journal of Monetary Economics	3.313	148	2.216	ScienceDirect 01/01/1975 - present
Journal of Money, Credit and Banking	3.245	38	1.355	Wiley Online Library 01/01/2007 - present
Journal of Political Economy	3.116	18	6.342	Chicago Complete Collection - Full Run 12/01/1892 - present
Journal of Public Economics	3.04	93	2.218	ScienceDirect 04/01/1972 - present
Journal of Risk and Uncertainty	2.94	94	2.122	Springer Nature Journals 03/01/1988 - present
Journal of the Academy of Marketing Science	2.926	33	7.959	Business Source Premier 03/01/1994 - present
Journal of the Association of Environmental and Resource Economists	2.842	62	5.167	Chicago Complete Collection - Full Run 03/01/2014 - present

MAJOR SERIAL TITLES				
Title	SJR	H index	JCR Impact Factor	USF Library Holdings
Journal of Urban Economics	2.539	82	2.447	ScienceDirect 01/01/1974 - present
Marketing Science	2.421	122	3.019	INFORMS PubsOnline 01/01/1998 - present
Mathematical Finance	2.409	136	2.529	Wiley Online Library 01/01/1997 - present
MIS Quarterly Executive	2.403	102	4.088	Business Source Ultimate 03/01/2006 - present
NBER Macroeconomics Annual	2.393	111	5.923	Chicago Complete Collection - Full Run 01/01/1986 - present
New Political Economy	1.75	52	3.157	Taylor & Francis Social Science and Humanities Library 01/01/1997 - present
Quantitative Economics	2.379	172	1.271	Wiley Online Library 01/01/2010 - present
Quarterly Journal of Economics	36.22	246	11.775	Oxford University Press 01/01/1996 - present
RAND Journal of Economics	2.379	92	1.62	OmniFile Full Text Mega (H.W. Wilson) 03/01/2012 - present
Resources, Conservation and Recycling	2.356	102	8.086	ScienceDirect 03/01/1988 - present
Review of Economic Dynamics	2.334	91	1.529	ScienceDirect 01/01/1998 - present
Review of Economic Studies	2.315	34	4.767	Oxford University Press 01/01/1996 - present
Review of Economics and Statistics	2.223	164	3.636	JSTOR Arts & Sciences I Archive Collection 01/01/1919 - present
Review of Environmental Economics and Policy	2.217	48	6.649	Oxford University Press 01/01/2007 - present
Review of Finance	2.215	119	2.885	Oxford University Press 01/01/2004 - present
Review of Financial Studies	2.207	90	4.975	Oxford University Press 01/01/1996 - present
Review of World Economics	0.6	49	0.767	Springer Nature Journals 03/01/1970 - present
Strategic Entrepreneurship Journal	2.192	96	6.2	Wiley Online Library 01/01/2007 - present
World Bank Research Observer	2.177	39	3.5	Oxford University Press 01/01/1996 - present

Journal Collections

- Cambridge Core Journals
- Emerald Insight eJournals
- JSTOR
- Oxford Academic Journals
- Periodicals Archive Online
- Sage Journals Online
- ScienceDirect eJournals
- Springer eJournals
- Taylor & Francis eJournals
- Wiley Online Library eJournals

DATABASES and DIGITAL LIBRARIES

Scholarly, research and instructional activities associated with Quantitative Economics and Econometrics endeavors are supported by a number of both specialized economics and finance databases and digital

libraries, which provide access to indexes, journal articles, policy reports, working papers, data, statistical resources and monographs.

Key Resources

ABI/INFORM Collection [formerly ABI/INFORM Complete]

This database comprises ABI/INFORM Global, ABI/INFORM Trade and Industry, and ABI/INFORM Dateline. The database features thousands of full-text journals, dissertations, working papers, key newspapers such as The Wall Street Journal and The Financial Times, as well as country-and industry-focused reports and data. Its international coverage gives researchers a complete picture of companies and business trends around the world.

Business Abstracts [EBSCO]

Wilson Business Full Text provides fast, convenient access to a multitude of outstanding sources -- from The New York Times Business Section and The Wall Street Journal to magazines and scholarly journals. Full text of articles from more than 350 publications as far back as 1995. Provides SIC and NAICS codes for names of corporations and industries used as subject headings. Daily updates bring users current information

Business Source Premier

Business Source Premier is one of the definitive scholarly databases in the field of business due to its depth and coverage. The database provides full text articles from more than 2,300 journals, including over 1,100 peer-reviewed journals, and indexing for an additional 1,000 titles. Global monitor, Datamonitor, Countrywatch, and EIU are the source of this content. Business Source Premier also provides full text for more than 50 regional business publications, including titles from Crain Communications.

Continuum Economics [formerly RGE Monitor]

RGE (Roubini Global Economics) Monitor merged with 4CAST in 2016 and formed Continuum Economics. Continuum Economics covers a range of topics from fundamental macroeconomics and policy research to market commentary and strategy. -- The goal in combining the 4CAST and RGE services is to provide research that spans the continuum between short-term market signals and long-term strategic themes. This approach uncovers opportunities and risks before they come to the attention of markets, helping customers arrive at better decisions in a timelier manner.

Data-Planet Statistical Datasets

Data-Planet Statistical Datasets is a web-based research solutions tool that provides fast and easy access to data from licensed and public domain datasets. It provides easy access to an extensive repository of standardized and structured statistical data. The Data-Planet repository contains more than 90 billion data points from more than 70 source organizations. All of the data have been standardized and structured, and described with up to 37 fields of metadata, including a controlled vocabulary

EconLit

EconLit is the American Economic Association's electronic bibliography of economic literature. EconLit is an expanded version of the Journal of economic literature (JEL) indexes of journals, books, and dissertations. In addition, EconLit includes citations to articles in collective volumes indexed in the annual volumes of the Index of economic articles, articles from over 250 journals not indexed in JEL, and the full-text of JEL book reviews. EconLit also incorporates the Abstracts of working papers in economics (AWPE) database licensed from Cambridge University Press

Economic Data: FRED II

FRED II (Federal Reserve Economic Data) is a widely used database of over 3000 U.S. economic time series. This site offers a wealth of economic data and information to promote economic education and enhance economic research. FRED II is updated regularly and allows 24/7 access to regional and national financial and economic data.

ICPSR (Inter-University Consortium for Political and Social Research)

Organization at the University of Michigan that collects data from individual researchers, polling agencies, and governmental and international agencies. Data is often in ASCII delimited format with documentation such as codebooks and sometimes auxiliary files to use in SPSS or SAS.

International Bibliography of the Social Sciences [IBSS]

The International Bibliography of the Social Sciences (IBSS) is an essential online resource for social science and interdisciplinary research. IBSS includes over two million bibliographic references to journal articles and to books, reviews and selected chapters dating back to 1951. It is unique in its broad coverage of international material and incorporates over 100 languages and countries. Over 2,800 journals are regularly indexed and some 7,000 books are included each year.

The New Palgrave Dictionary of Economics

In 2008, Palgrave Macmillan published The New Palgrave Dictionary of Economics, 2nd edition. It retains some of the articles from the classic work of the same name that became a standard work for economists. Yet, around 80% of the text was either entirely new or substantially rewritten to reflect the depth of change within the discipline between the editions. This new edition brings together the world's most influential economists to provide a scholarly overview of economic thought today. The online format offers a dynamic resource, which contains full text of 2008 print edition and full text of the 1987 Archive edition, but also incorporates quarterly additions and updates.

NBER : National Bureau of Economic Research

The NBER, National Bureau of Economic Research, is a private, nonprofit, nonpartisan research organization dedicated to promoting a greater understanding of how the economy works. They concentrate on four types of empirical research: developing new statistical measurements, estimating quantitative models of economic behavior, assessing the effects of public policies on the U.S. economy, and projecting the effects of alternative policy proposals. The NBER distributes research findings in various ways, in order to reach the widest possible audience. Nearly 500 NBER Working Papers are published each year, and many subsequently appear in scholarly journals. Full texts of Working Papers published from November 1994 to the present are available online.

PAIS Index

This resource covers issues in the public debate through selective coverage of a wide variety of international sources including journal articles, books, government documents, statistical directories, grey literature, research reports, conference papers, web content, and more. PAIS International is the current file covering 1972 to present, and PAIS Archive includes the content from printed volumes published 1915-1976. In addition to English, some of the indexed materials are published in French, German, Italian, Portuguese, and Spanish

Additional Resources

Bureau of Labor Statistics

The Bureau of Labor Statistics is the principal fact-finding agency for the Federal Government in the broad field of labor economics and statistics. The bureau collects, processes, analyzes, and disseminates sensitive economic and statistical data to the American public, Congress, other federal agencies, state and local governments, business, and labor. Includes links to information about major BLS programs, BLS data, BLS regional offices, BLS contacts, and comments and suggestions.

Conference Board: Business, Knowledge, Research

This is a searchable database of full-text research reports on the latest issues in business management and US and global economics. Proprietary, nonbiased research includes studies of Fortune 500 companies on business trends, leadership decisions, performance excellence, corporate governance, HR, productivity, CRM and more. Economics material includes topline US and global economic indicators and analysis and forecasts of US and international economic conditions by Conference Board's chief economist.

Historical Statistics of the United States

Historical statistics of the United States, colonial times to 1970 is a compendium of statistics from over 1000 sources, including the U.S. Census, providing a numerical history of the United States. This definitive reference work contains more than 37,000 series of quantitative information covering virtually every quantifiable dimension of American history: population, including migration and family and household comparisons; work and welfare, with labor, education, and health; economic structure and performance, including financial markets and consumer expenditures; governance and international relations, covering elections and politics, crime, international trade, and national defense, all from the earliest times to the present.

OECD iLibrary

OECD iLibrary is an online library of statistical databases, books, and periodicals from OECD, the Organization for Economic Co-Operation and Development. The OECD, a membership of 30 countries, is one of the world's largest publishers in the fields of economics and public policy. OECD iLibrary is comprised of over 1,800 online books with unrestricted access grouped in 17 themes, 24 periodicals, 3 reference titles, and 26 OECD statistical databases, all in full text. Themed groupings include education; energy; development; finance and investment; science and technology; social issues; urban, rural and regional development; transport; and more.

SAGE Research Methods

SAGE Research Methods (SRM) is a research tool supported by a newly devised taxonomy that links content and methods terms. It provides the most comprehensive picture available today of research methods (quantitative, qualitative and mixed methods) across the social and behavioral sciences. It includes more than 100,000 pages of SAGE book and reference material on research methods as well as editorially selected material from SAGE journals. In addition, SRMO contains content from more than 800 books, including the complete Quantitative Applications in the Social Sciences "Little Green Books" series from SAGE.

Scopus

Scopus is the largest abstract and citation database of peer-reviewed literature: scientific journals, books and conference proceedings. Delivering a comprehensive overview of the world's research output in the fields of science, technology, medicine, social sciences, and arts and humanities, Scopus features smart tools to track, analyze and visualize research

Statistical Abstract of the U.S. [Online Edition] [ProQuest]

The ProQuest Statistical Abstract of the United States is the authoritative and comprehensive summary of statistics on the social, political, and economic conditions of the United States. The online version includes monthly updates to tables, deep searching at the line-item level, powerful facets for narrowing search results, image and spreadsheet versions of all current and historical tables, along with links to provider sites.

United Nations Statistics Division

The Statistics Division compiles statistics from many international sources and produces global updates, including the Statistical Yearbook, World Statistics Pocketbook and yearbooks in specialized fields of statistics. It also provides to countries, specifications of the best methods of compiling information so that data from different sources can be readily compared.

Vital Statistics on American Politics

Provides a complete, resource on the full-spectrum of U.S. politics. Vital Statistics on American Politics is a powerful tool for researching statistical data on politics on the United States. It offers users a wealth of data on elections and political parties, public opinion and voting, the media, the military, social and economic, policy, and much more. The online version permits searching and browsing key statistics on U.S. elections, Congress, the presidency, the Supreme Court, public opinion, and more.

Web of Science [formerly Web of Knowledge]

The ISI Web of Science provides seamless access to the Science Citation Expanded, Social Sciences Citation Index, and Arts & Humanities Citation Index. It enables users to search current and retrospective multidisciplinary information from approximately 8,500 of the most prestigious, high impact research journals in the world. ISI Web of Science also provides a unique search method, cited reference searching. With it, users can navigate forward, backward, and through the literature, searching all disciplines and time spans to uncover all the information relevant to their research.

WDI Online

WDI online: world development indicators, is developed and maintained by the World Bank. It is a critical source of data on the global economy, containing statistical data for over 900 development indicators and time series data from 1960 to the present for 227 economies. Data includes social, economic, financial, natural resource, and environmental indicators. Includes data on such areas as pollution, energy production, poverty, trade, labor force, health, education, exports, government debt, and telecommunications. The interface is supported in seven languages. Data can be exported to standard formats like Excel, helping to make WDI online an essential tool for researching global economies.

Worldwide Political Science Abstracts

Provides citations, abstracts, and indexing of the international serials literature in political science and its complementary fields, including international relations, law, and public administration/policy. Major areas of coverage include comparative politics, developing nations, disarmament, economic policy, electoral systems, environmental policy, government/Political systems, history and theory of political science, international relations/trade, Labor relations, military policy, methodology and research technology, political behavior, political economy, political psychology, politics and law, politics and communication, politics and religion, politics and society, public administration, security and defense, welfare systems.

B. Describe additional library resources that are needed to implement and/or sustain the program through Year 5. Include projected costs of additional library resources in Table 3 in Appendix A. Please include the signature of the Library Director in Appendix B.

As of July 16, 2020, the collections of the USF Tampa Library and affiliates are sufficient to support the B. S. in Econometrics and Quantitative Economics in the Department of Economics College of Arts & Sciences. The Libraries maintain an exceptionally strong collection of resources and services needed to support USF as a Preeminent Research University. The librarians and Dean of the Libraries work closely with the College of Arts & Sciences to ensure all curricular and research needs are more than adequately supported. No new resources are required to support this new bachelor's program at this time. Sustained annual investments to maintain the recurring elements of this collection and to purchase newly published materials are required to preserve sufficiency. With escalating costs, typical annual increases of 3-6% are likely. Strategic investments are required as new faculty are hired and areas of emphasis evolve.

C. Describe classroom, teaching laboratory, research laboratory, office, and other types of space that are necessary and currently available to implement the proposed program through Year 5.

All University of South Florida classrooms are "multimedia enabled." Each classroom, at a minimum, is equipped with a PC, projector, internet connectivity and audio support. We have adequate and sufficient classroom space and associated equipment to support the attainment of course outcomes and to provide an atmosphere conducive to learning. As this proposed program does not employ laboratories (neither teaching nor research), no lab space is necessary. The Economics department currently has sufficient office space to support the proposed degree.

D. Describe additional classroom, teaching laboratory, research laboratory, office, and other space needed to implement and/or maintain the proposed program through Year 5. Include any projected Instruction and Research (I&R) costs of additional space in Table 3 in Appendix A. Do not include costs for new construction because that information should be provided in response to X (E) below.

There is no additional need.

E. If a new capital expenditure for instructional or research space is required, indicate where this item appears on the university's fixed capital outlay priority list. Table 3 in Appendix A includes only Instruction and Research (I&R) costs. If non-I&R costs, such as indirect costs affecting libraries and student services, are expected to increase because of the program, describe and estimate those expenses in narrative form below. It is expected that high enrollment programs in particular would necessitate increased costs in non-I&R activities.

There is no additional need.

F. Describe specialized equipment that is currently available to implement the proposed program through Year 5. Focus primarily on instructional and research requirements.

No specialized equipment is needed to carry out the requested new degree program.

G. Describe additional specialized equipment that will be needed to implement and/or sustain the proposed program through Year 5. Include projected costs of additional equipment in Table 3 in Appendix A.

No specialized equipment is needed to carry out the requested new degree program.

H. Describe any additional special categories of resources needed to implement the program through Year 5 (access to proprietary research facilities, specialized services, extended travel, etc.). Include projected costs of special resources in Table 3 in Appendix A.

No additional special categories of resources are needed to carry out the new degree.

I. Describe fellowships, scholarships, and graduate assistantships to be allocated to the proposed program through Year 5. Include the projected costs in Table 3 in Appendix A.

The Department of Economics has allocated funding for teaching assistances who support the courses in which QEE students enroll. The Year 1 funding allocation is budgeted to be \$70,915 and Year 5 to be \$73,780. The increase from Year 1 to Year 5 reflects a two percent increases over the five-year period reflecting historic trends.

J. Describe currently available sites for internship and practicum experiences, if appropriate to the program. Describe plans to seek additional sites in Years 1 through 5.

The practicum experience typically involves students critiquing, reproducing, or improving existing benefit/cost, economic impact, business valuation, and project feasibility studies. We currently do not offer class credit for internships, because most of the internships in this field are for pay.

A faculty member serves as the Internship Coordinator, monitoring students currently interning and is in contact with firms or agencies looking for student interns. Part of the duties of this position is to seek new sites for potential internships and we will continue to search for additional opportunities. As firms seeking interns often contact the Department Chair and the Undergraduate Advisor, the Internship Coordinator works closely with both to track the students in internships and to keep records of all firms that have contacted the department.

Examples of organizations providing internships to our 2020 graduates include:

- Florida Economic Advisors, Valrico, FL;
- Franklin Street, Tampa, FL;
- Allory Investments, Rutherford New Jersey;
- The Center for Urban Transportation Research, Tampa, FL;
- Tindale Oliver and Associates, Tampa, FL;
- Iron Man Group, Tampa, FL;
- TechData, Clearwater, FL;
- Pasco Economic Development Council, Lutz, FL;
- Curve Research, St. Petersburg, FL;
- AXA Insurance, Tampa, FL; and
- Value Tech, Lutz, FL.

Appendix A

APPENDIX A
TABLE 1-A
PROJECTED HEADCOUNT FROM POTENTIAL SOURCES
(Baccalaureate Degree Program)

Source of Students (Non-duplicated headcount in any given year)*	Year 1 HC	Year 1 FTE	Year 2 HC	Year 2 FTE	Year 3 HC	Year 3 FTE	Year 4 HC	Year 4 FTE	Year 5 HC	Year 5 FTE
Upper-level students who are transferring from other majors within the university**	12	10	12	10	13	11	14	12	15	13
Students who initially entered the university as FTIC students and who are progressing from the lower to the upper level***	65	54	68	57	72	60	78	65	83	69
Florida College System transfers to the upper level***	49	41	52	43	56	47	60	50	63	53
Transfers to the upper level from other Florida colleges and universities***	5	4	5	4	6	5	6	5	7	6
Transfers from out of state colleges and universities***	25	21	27	23	29	24	31	26	32	27
Other (Explain)***	0	0	0	0	0	0	0	0	0	0
Totals	156	130	164	137	176	147	189	158	200	167

* List projected annual headcount of students enrolled in the degree program. List projected yearly cumulative ENROLLMENTS instead of admissions.

** If numbers appear in this category, they should go DOWN in later years.

*** Do not include individuals counted in any PRIOR CATEGORY in a given COLUMN.

APPENDIX A
TABLE 2
PROJECTED COSTS AND FUNDING SOURCES

Budget Line Item	Reallocated Base* (E&G) Year 1	Enrollment Growth (E&G) Year 1	New Recurring (E&G) Year 1	New Non-Recurring (E&G) Year 1	Contracts & Grants (C&G) Year 1	Philanthropy/Endowments Year 1	Enterprise Auxiliary Funds Year 1	Subtotal Year 1	Continuing Base** (E&G) Year 5	New Enrollment Growth (E&G) Year 5	Other*** (E&G) Year 5	Contracts & Grants (C&G) Year 5	Philanthropy/Endowments Year 5	Enterprise Auxiliary Funds Year 5	Subtotal Year 5
Faculty Salaries and Benefits	\$349,046	0	0	0	0	0	0	\$349,046	363,147	0	0	0	0	0	\$363,147
A & P Salaries and Benefits	16,540	0	0	0	0	0	0	\$16,540	17,208	0	0	0	0	0	\$17,208
USPS Salaries and Benefits	12,756	0	0	0	0	0	0	\$12,756	13,271	0	0	0	0	0	\$13,271
Other Personal Services	26,972	0	0	0	0	0	0	\$26,972	28,062	0	0	0	0	0	\$28,062
Assistantships & Fellowships	70,915	0	0	0	0	0	0	\$70,915	73,780	0	0	0	0	0	\$73,780
Library	0	0	0	0	0	0	0	\$0	0	0	0	0	0	0	\$0
Expenses	6,759	0	0	0	0	0	0	\$6,759	7,032	0	0	0	0	0	\$7,032
Operating Capital Outlay	0	0	0	0	0	0	0	\$0	0	0	0	0	0	0	\$0
Special Categories	0	0	0	0	0	0	0	\$0	0	0	0	0	0	0	\$0
Total Costs	\$482,988	\$0	\$0	\$0	\$0	\$0	\$0	\$482,988	\$502,501	\$0	\$0	\$0	\$0	\$0	\$502,501

*Identify reallocation sources in Table 3.

**Includes recurring E&G funded costs ("reallocated base," "enrollment growth," and "new recurring") from Years 1-4 that continue into Year 5.

***Identify if non-recurring.

Faculty and Staff Summary

	Year 1	Year 5
Total Positions	2.15	2.27
Faculty (person-years)	0.21	0.21
A & P (FTE)	0.21	0.21

Calculated Cost per Student FTE

	Year 1	Year 5
Total E&G Funding	\$482,988	\$502,501
Annual Student FTE	130	167
E&G Cost per FTE	3715	3009

APPENDIX A
Table 3
Anticipated Faculty Participation

Faculty Code	Faculty Name or "New Hire" Highest Degree Held Academic Discipline or Specialty	Rank	Contract Status	Initial Date for Participation in Program	Mos. Contract Year 1	FTE Year 1	% Effort for Prg. Year 1	PY Year 1	Mos. Contract Year 5	FTE Year 5	% Effort for Prg. Year 5	PY Year 5
A	Ayyagari, Padmaja Ph.D. Economics	Assoc Prof	Tenure	Fall 2021	9	0.75	0.11	0.08	9	0.75	0.11	0.08
A	Baerlocher, Diogo Ph.D. Economics	Asst Prof	Tenure-Earning	Fall 2021	9	0.75	0.07	0.05	9	0.75	0.11	0.08
A	Barbos, Andrei Ph.D. Economics	Assoc Prof	Tenure	Fall 2021	9	0.75	0.11	0.08	9	0.75	0.11	0.08
A	Carter, Thomas J. Ph.D. Economics	Professor	Tenure	Fall 2021	9	0.75	0.11	0.08	9	0.75	0.11	0.08
A	Corton, Maria Luisa Ph.D. Economics	Assoc Prof	Tenure	Fall 2021	12	1.00	0.11	0.11	12	1.00	0.11	0.11
A	Criss, Antoinette James Ph.D. Economics	Sr Instructor	Non-Tenure	Fall 2021	9	0.75	0.22	0.17	9	0.75	0.22	0.17
A	Harris, Rebecca Lee Ph.D. Economics	Instructor II	Non-Tenure	Fall 2021	12	1.00	0.22	0.22	12	1.00	0.22	0.22
A	Jin, Xin Ph.D. Economics	Asst Prof	Tenure-Earning	Fall 2021	9	0.75	0.07	0.05	9	0.75	0.11	0.08
A	Jones, Robert Christopher Ph.D. Economics and Business Administration	Instructor I	Non-Tenure	Fall 2021	9	0.75	0.22	0.17	9	0.75	0.22	0.17
A	Kamp, Bradley Ph.D. Economics	Assoc Prof	Tenure	Fall 2021	12	1.00	0.07	0.07	12	1.00	0.07	0.07
A	La Mattina, Giulia Ph.D. Economics	Assoc Prof	Tenure	Fall 2021	9	0.75	0.07	0.05	9	0.75	0.11	0.08
A	Liu, Haiyan Ph.D. Economics	Asst. Prof	Tenure-Earning	Fall 2021	9	0.75	0.07	0.05	9	0.75	0.11	0.08
A	Loewy, Michael Ph.D. Economics	Assoc Prof	Tenure	Fall 2021	9	0.75	0.11	0.08	9	0.75	0.11	0.08
A	Martinez, Erika V. Ph.D. Economics	Instructor II	Non-Tenure	Fall 2021	9	0.75	0.22	0.17	9	0.75	0.22	0.17
A	Khairzhan-Uli Munkin, Murat Ph.D. Economics	Assoc Prof	Tenure	Fall 2021	9	0.75	0.11	0.08	9	0.75	0.11	0.08
A	Picone, Gabriel A. Ph.D. Economics	Professor	Tenure	Fall 2021	9	0.75	0.11	0.08	9	0.75	0.11	0.08
A	Sandberg, H. Mikael Ph.D. Economics (Food and Resource)	Instructor	Non-Tenure	Fall 2021	9	0.75	0.22	0.17	9	0.75	0.22	0.17

Worksheet Table 3 Faculty Participation

APPENDIX A

Table 3
Anticipated Faculty Participation

A	Smith, Richard B. Ph.D. Economics	Assoc Prof	Tenure	Fall 2021	9	0.75	0.11	0.08	9	0.75	0.11	0.08
A	Snipes, Michael R. Ph.D. Economics	Instructor II	Non-Tenure	Fall 2021	12	1.00	0.22	0.22	12	1.00	0.22	0.22
A	Thomas, Christopher R. Ph.D. Economics	Assoc Prof	Tenure	Fall 2021	9	0.75	0.11	0.08	9	0.75	0.11	0.08
Total Person-Years (PY)								2.15				2.27

Faculty Code	Code Description	Source of Funding	PY Workload by Budget Classification	
			Year 1	Year 5
A	Existing faculty on a regular line	Current Education & General Revenue	2.15	2.27
B	New faculty to be hired on a vacant line	Current Education & General Revenue	0.00	0.00
C	New faculty to be hired on a new line	New Education & General Revenue	0.00	0.00
D	Existing faculty hired on contracts/grants	Contracts/Grants	0.00	0.00
E	New faculty to be hired on contracts/grants	Contracts/Grants	0.00	0.00
F	Existing faculty on endowed lines	Philanthropy & Endowments	0.00	0.00
G	New faculty on endowed lines	Philanthropy & Endowments	0.00	0.00
H	Existing or New Faculty teaching outside of regular/tenure-track line course load	Enterprise Auxiliary Funds	0.00	0.00
Overall Totals for			2.15	2.27

Appendix A-5

* If not reallocating E&G funds, please submit a zeroed Table 4

APPENDIX B

Please include the signature of the Equal Opportunity Officer and the Library Director.

DocuSigned By:

Cecil Howard

3/16/2021

-29C88DD9A350415...

Signature of Equal Opportunity Officer

Date

Todd Chavez

3/16/2021

-55E3D5D1A2B34A1...

Signature of Library Director

Date

This appendix was created to facilitate the collection of signatures in support of the proposal. Signatures in this section illustrate that the Equal Opportunity Officer has reviewed section II.E of the proposal and the Library Director has reviewed sections X.A and X.B.

Appendix B-1

Appendix C: Support

From: [Tadlock, Martin](#)
To: [Potter, Robert](#)
Cc: [Eisenberg, Eric](#); [Brown Hernandez, Cynthia](#); [Michael, Magali](#); [Kamp, Brad](#)
Subject: Re: Request support for a new degree/CIP change in Econometrics
Date: Thursday, February 4, 2021 4:20:01 PM
Attachments: [\[Redacted\]](#)

Thank you, Bob. I fully support this move and understand the importance of doing so. I appreciate being included in the process.

Martin Tadlock

Regional Chancellor
USF St. Petersburg campus
727-313-6717 ©
140 7th Ave South, BAY 214
St. Petersburg, FL 33701



From: Potter, Robert <potter@usf.edu>
Sent: Thursday, February 4, 2021 3:27 PM
To: Tadlock, Martin [Redacted]
Cc: Eisenberg, Eric [Redacted]; Brown Hernandez, Cynthia [Redacted]; Michael, Magali [Redacted]; Kamp, Brad [Redacted]
Subject: RE: Request support for a new degree/CIP change in Econometrics

Dear Chancellor Tadlock

The Economics Department in the College of Arts and Science is in the process of transforming their major in Quantitative Economics and Econometrics, offered under that General Economics CIP code 45.0601, to a degree offered under its own CIP code 45.0603. There is no change to the program but the new CIP code is considered a STEM degree by the state, so adds to the University's number of STEM degrees and has advantages for students in pursuing employment. While the current major and hence the new degree, has only been offered on the Tampa campus some of the courses that can be used for the degree are also offered on your campus. Vice Provost Chisolm's office has asked that we reach out to you to make sure you are aware of this new degree proposal and to ask for your support.

A simple reply that you support the proposal will be fine and is to be included in the packet. I am

happy to answer any questions you may have.

Thank you and Best Regards, Bob

Robert Potter
Sr. Associate Dean for Academics,
Professor of Chemistry
College of Arts and Sciences
University of South Florida
4202 E. Fowler Ave. BEH 201
Tampa, FL 33620
[\(813\) 974-4059](tel:(813)974-4059)



From: [Potter, Robert](#)
To: [Brown Hernandez, Cynthia](#)
Cc: [Kamp, Brad](#)
Subject: FW: Request support for a new degree/CIP change in Econometrics
Date: Tuesday, February 9, 2021 4:34:10 PM
Attachments:

Sarasota Manatees support

Cheers, Bob

From: Kemker, Brett [REDACTED]
Sent: Tuesday, February 09, 2021 4:31 PM
To: Holbrook, Karen [REDACTED]; Potter, Robert [REDACTED]
Cc: Kirchman, Paul [REDACTED]
Subject: RE: Request support for a new degree/CIP change in Econometrics

Hi Bob,
We have no issues with this. Sorry for the delay...

Brett E. Kemker, Ph.D.

Vice Provost | Regional Vice Chancellor
Academic Affairs and Student Success



Records of the University of South Florida are subject to disclosure under the Florida Public Records law unless exempt by law.

From: Holbrook, Karen [REDACTED]
Sent: Thursday, February 4, 2021 5:25 PM
To: Potter, Robert [REDACTED]
Cc: Kirchman, Paul [REDACTED]; Kemker, Brett [REDACTED]
Subject: RE: Request support for a new degree/CIP change in Econometrics

Hi Bob – Thanks very much for the heads up. I did not know about this and I am not sure Brett does. I will forward this to him and we can talk. I do not know any reason why I would not support it, but do want to check with both Paul and Brett. Thank again and best regards!

Karen

Karen A. Holbrook, PhD

Regional Chancellor
University of South Florida Sarasota-Manatee campus
8350 N. Tamiami Trail C311 | Sarasota, FL 34243
Office: 941-359-4340 | Fax: 941-359-4298



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From: Potter, Robert [REDACTED]
Sent: Thursday, February 4, 2021 3:21 PM
To: Holbrook, Karen [REDACTED]
Cc: Eisenberg, Eric [REDACTED]; Brown Hernandez, Cynthia [REDACTED];
Kirchman, Paul [REDACTED]; Kamp, Brad [REDACTED]
Subject: RE: Request support for a new degree/CIP change in Econometrics

Dear Chancellor Holbrook

The Economics Department in the College of Arts and Science is in the process of transforming their major in Quantitative Economics and Econometrics, offered under that General Economics CIP code 45.0601 , to a degree offered under its own CIP code 45.0603. There is no change to the program but the new CIP code is considered a STEM degree by the state, so adds to the University's number of STEM degrees and has advantages for students in pursuing employment. While the current major and hence the new degree, has only been offered on the Tampa campus some of the courses that can be used for the degree are also offered on your campus. Vice Provost Chisolm's office has asked that we reach out to you to make sure you are aware of this new degree proposal and to ask for your support.

A simple reply that you support the proposal will be fine and is to be included in the packet. I am happy to answer any questions you may have.

Thank you and Best Regards, Bob

Robert Potter
Sr. Associate Dean for Academics,
Professor of Chemistry
College of Arts and Sciences
University of South Florida
4202 E. Fowler Ave. BEH 201
Tampa, FL 33620
[\(813\) 974-4059](tel:(813)974-4059)



From: [Potter, Robert](#)
To: [Brown Hernandez, Cynthia](#)
Subject: FW: College of Business Support for new degree in Econometrics
Date: Friday, April 30, 2021 12:56:22 PM
Attachments:

[Support from Dean Limayem](#)

From: Limayem, Moez <[REDACTED]>
Sent: Friday, April 30, 2021 12:40 PM
To: Potter, Robert <[REDACTED]>
Cc: Eisenberg, Eric <[REDACTED]>
Subject: RE: Support for new degree in Econometrics

You have my support.

Thanks,

Dr. Moez Limayem
Lynn Pippenger Dean,
Muma College of Business
University of South Florida

From: Potter, Robert <[REDACTED]>
Sent: Friday, April 30, 2021 12:20 PM
To: Limayem, Moez <[REDACTED]>
Cc: Eisenberg, Eric <[REDACTED]>
Subject: Support for new degree in Econometrics

Dear Dean Limayem

The Economics Department in the College of Arts and Science is in the process of transforming their major in Quantitative Economics and Econometrics, offered under that General Economics CIP code 45.0601, to a degree offered under its own CIP code 45.0603. There is no change to the program but the new CIP code is considered a STEM degree by the state, so adds to the University's number of STEM degrees and has advantages for students in pursuing employment. Graduates of the degree are highly valued and find jobs in national, state and local governments and business and industry. Because many find jobs in business, Vice Provost Chisolm's office has asked that we reach out to you to make sure you are aware of this new degree proposal and to ask for your support.

A simple reply that you support the proposal will be fine and is to be included in the packet. I am happy to answer any questions you may have.

Thank you and Best Regards, Bob

Robert Potter
Sr. Associate Dean for Academics,
Professor of Chemistry
College of Arts and Sciences
University of South Florida
4202 E. Fowler Ave. BEH 201
Tampa, FL 33620
[\(813\) 974-4059](tel:(813)974-4059)





GREAT INSIGHTS. GREATER OUTCOMES.

May 4, 2021

Bradley Kamp, Ph.D.
Department of Economics
University of South Florida
4202 E. Fowler Avenue, CMC 207H
Tampa, FL 33620

Re: USF Econometrics and Quantitative Economics Industry Advisory Board

Dear Dr. Kamp: *Brad*

Thank you for the opportunity to serve on the USF Econometrics and Quantitative Economics Industry Advisory Board. I am honored to accept the position and look forward to working with you and the other Board members.

Sincerely,

A handwritten signature in blue ink that reads 'Bill Ball'.

William L. Ball, AICP
Chief Operating Officer

Appendix C-7



May 4, 2021

Bradley Kamp, Ph.D.
Department of Economics
University of South Florida
4202 East Fowler Ave
CMC 207H
Tampa, FL 33620

Re: USF Econometrics and Quantitative Industry Advisory Board

Dear Dr. Kamp,

Thank you for the invitation to join the USF Econometrics and Quantitative Economics Industry Advisory Board.

As Program Director at the Center for Urban Transportation Research and alumni of the USF Department of Economics I am honored to participate and contribute to the Program.

I look forward to working together.

Best Regards,

A handwritten signature in dark ink, appearing to read "Sisinnio Concas", is written over a light blue horizontal line.

Sisinnio Concas, Ph.D.
Program Director
Center for Urban Transportation Research
University of South Florida

Appendix C-8

Center for Urban Transportation Research
University of South Florida • 4202 E. Fowler Avenue CUT100 • Tampa FL 33620-5375
(813) 974-3120 • FAX (813) 974-5168 • www.cuttr.usf.edu

Deiter Consulting Group, Inc.
Stephen E. Durham, Ph.D.
Cynthia Stephens, Ph.D.
Finnie B. Cook, Ph.D.

Deiter, Stephens, Durham & Cook

Economic and Financial Consultants

100 North Tampa Street
Suite 2410
Tampa, FL 33602
Phone (813) 223-7644
Fax (813) 223-7866

May 3, 2021

Bradley Kamp, Ph.D.
Department of Economics
University of South Florida
4202 E. Fowler Avenue
CMC 207H
Tampa, FL 33620

Re: USF Econometrics and Quantitative Economics Industry Advisory Board

Dr. Kamp:

Thank you for the invitation to join the USF Econometrics and Quantitative Economics Industry Advisory Board. I am pleased to accept the position and look forward to working together.

Cordially,



Finnie B. Cook, Ph.D., MSCC
DEITER, STEPHENS, DURHAM & COOK

Appendix D: External Consultant's Report

The external consultant's report is not applicable to this proposals because the proposal is for an undergraduate program, not a doctoral-level program.

Appendix E: Academic Learning Compact

Mission Statement

The Bachelor of Science program in Econometrics and Quantitative Economics is intended to provide students with an understanding of key concepts in Economics and a foundation to engage in advanced economic analysis. The program relies heavily on mathematical models and statistical techniques to enable student to gain insight as to the underlying drivers of the economy and how various economic variables are both estimated and forecast. Students pursuing this program will learn problem-solving skills that can be applied to any career. This degree will prepare students to conduct research, collect and analyze data, monitor economic trends, and develop forecasts on a wide variety of issues. Students are prepared for graduate study in economics or for entry into industry.

Goal 1: Discipline-Specific Knowledge

Student Learning Outcome Statements:

1. Students will be able to analyze macroeconomic conditions by employing models of a national economy both under autarky , when country is closed to trade and when open to international trade .
2. Students will demonstrate the ability to use sophisticated mathematical models of various market structures to analyze the economic environment in which a firm operates and make appropriate strategy recommendations.

Goal 2: Critical Thinking Skills

Student Learning Outcome Statements:

1. Students will display the ability to work with mathematical formalizations of economic models and perform the necessary mathematical operations to solve and interpret these models.
2. Students will display the ability to use statistical and econometric methods - including data gathering, data analysis, and hypothesis testing – in applied empirical work.

Goal 3: Communication

Student Learning Outcome Statement:

1. Students will demonstrate the ability to communicate effectively in written, spoken, and graphical form about specific economic issues.

Appendix F: Burning Glass Data**EMPLOYMENT POTENTIAL**

PROJECT CRITERIA	
Validate	Programs
Location	Nationwide, State, and Regional (Tampa, St. Petersburg, and Clearwater)
Degree Level	Bachelor's degree
Time Period	5/1/2019 - 4/30/2020
Selected Programs	Econometrics and Quantitative Economics (45.0603)
Career Outcomes mapped to Selected Programs of Study	Policy Analyst, Social Science Researcher, Market Research Analyst, E-Commerce Analyst, Budget Analyst, Financial Analyst, Pricing Analyst, Personal Financial Advisor, Financial Examiner, Financial Quantitative Analyst, Data Scientist, Data / Data Mining Analyst, Operations Analyst, Economist

HOW MANY JOBS ARE THERE FOR YOUR GRADUATES?

For your project criteria, there were **442,965** job postings Nationwide in the last 12 months. Compared to:

- 37,033,407 total job postings in your selected location
- 12,893,965 total job postings requesting a Bachelor's degree in your selected location

For your project criteria, there were **22,635** job postings in Florida in the last 12 months. Compared to:

- 2,118,923 total job postings in your selected location
- 670,489 total job postings requesting a Bachelor's degree in your selected location

For your project criteria, there were **5,653** job postings in Tampa, St. Petersburg, and Clearwater in the last 12 months.

Compared to:

- 428,633 total job postings in your selected location
- 148,806 total job postings requesting a Bachelor's degree in your selected location

The number of jobs is expected to **grow** over the next 10 years.

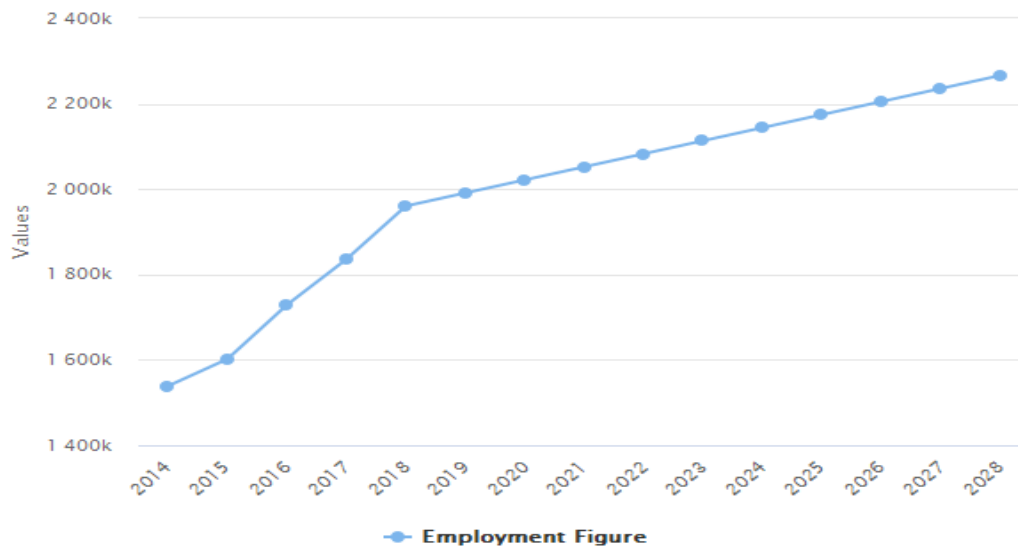
GROWTH BY GEOGRAPHY

Geography	Selected Occupations	Total Labor Market	Relative Growth
Nationwide	15.61 %	5.78 %	High
Florida	26.42 %	13.15 %	High
Tampa, FL	26.36 %	12.83 %	High

HOW HAS EMPLOYMENT CHANGED FOR CAREER OUTCOMES OF YOUR PROGRAM?

Appendix F: Burning Glass Data

Nationwide	2014	2015	2016	2017	2018	2028
Employment (BLS)	1,538,670	1,602,010	1,728,860	1,835,670	1,960,310	2,266,266
Florida	2014	2015	2016	2017	2018	2028
Employment (BLS)	65,690	64,350	79,900	86,110	91,910	116,189
Tampa, St. Petersburg, Clearwater Area	2014	2015	2016	2017	2018	2028
Employment (BLS)	12,600	14,040	15,100	16,300	17,620	22,265

Nationwide

Employment data between years 2019 and 2028 are projected figures.

DETAILS BY OCCUPATION

Occupation Group	Postings	LQ	Employment (2018)	Employment Growth (2017 - 2018)	Projected Employment Growth (2019-2028)
Nationwide					
Financial Analysis	160,073	NA	487,770	2.8%	10.0%
Data Analysis and Mathematics	106,958	NA	411,450	19.7%	10.0%
Investment Specialists	58,692	NA	200,260	-0.3%	14.9%
Marketing Specialists	56,205	NA	1,019,580	11.8%	18.0%
Business Analysis	41,303	NA	410,400	2.6%	15.0%
General Research	8,915	NA	35,530	0.1%	6.7%

Appendix F: Burning Glass Data

Policy Analysis and Planning	6,961	NA	24,310	-6.0%	5.3%
Financial Regulation and Compliance	3,858	NA	58,590	11.4%	9.7%
Florida					
Financial Analysis	8,398	0.9	23,010	5.2%	17.7%
Data Analysis and Mathematics	5,063	0.8	11,600	-0.9%	18.9%
Investment Specialists	3,642	1.1	14,080	11.7%	24.7%
Marketing Specialists	2,547	0.8	46,010	11.1%	31.7%
Business Analysis	2,219	0.9	17,530	3.2%	22.0%
Financial Regulation and Compliance	329	1.5	2,360	-18.1%	22.6%
General Research	243	0.5	1,540	-9.4%	11.7%
Policy Analysis and Planning	194	0.5	240	33.3%	13.8%
Tampa, St. Petersburg, Clearwater Area					
Financial Analysis	2,125	1.6	4,420	13.0%	17.9%
Data Analysis and Mathematics	1,599	1.7	2,630	0.8%	19.2%
Investment Specialists	672	1.3	2,120	-5.8%	24.7%
Business Analysis	595	1.7	3,810	7.6%	22.0%
Marketing Specialists	449	0.9	9,220	14.8%	30.9%
Financial Regulation and Compliance	93	2.8	640	-3.0%	22.7%
General Research	74	1.0	280	-24.3%	11.8%
Policy Analysis and Planning	46	0.8	40	NA	15.0%

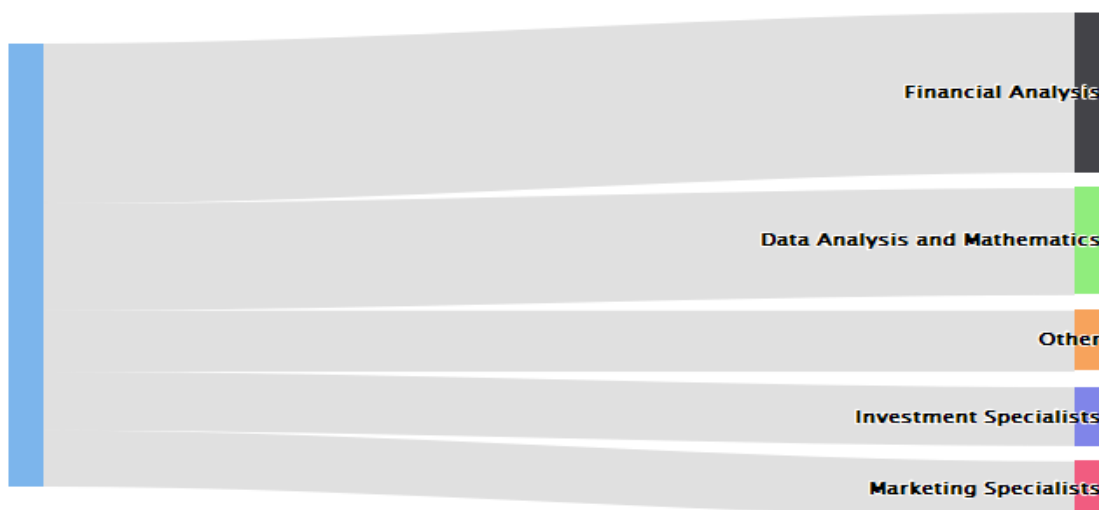
HOW VERSATILE IS MY PROGRAM?

Data is similar across all demographics and nationwide is provided.

Graduates of this program usually transition into any of the 8 different occupation groups:

Occupations Group	Market Size (postings)	Percentage of Career Outcome demand
Financial Analysis	160,073	36.1%
Data Analysis and Mathematics	106,958	24.1%
Investment Specialists	58,692	13.2%
Marketing Specialists	56,205	12.7%
Business Analysis	41,303	9.3%
General Research	8,915	2.0%
Policy Analysis and Planning	6,961	1.6%
Financial Regulation and Compliance	3,858	0.9%

Appendix F: Burning Glass Data



WHAT SALARY WILL MY GRADUATES MAKE?

The average salary in **the nation** for graduates of your program is **\$71,559**.

This average salary is **Above** the average living wage for your region of **\$31,450**.

The average salary in **Florida** for graduates of your program is **\$66,498**.

This average salary is **Above** the average living wage for Florida of **\$29,619**.

The average salary in **Tampa-St. Petersburg-Clearwater, FL** for graduates of your program is **\$68,714**.

This average salary is **Above** the average living wage for Tampa-St. Petersburg-Clearwater, FL of **\$29,141**.



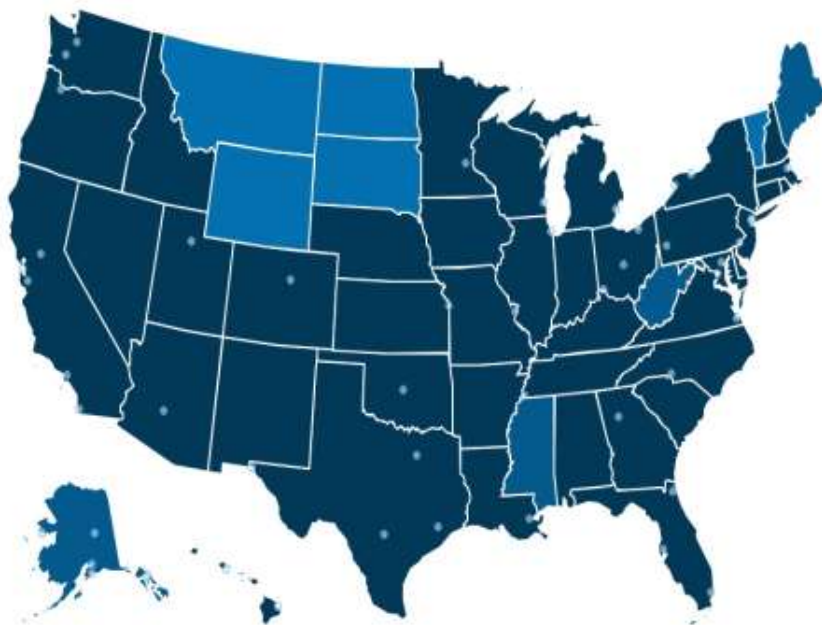
Salary numbers are based on Burning Glass models that consider advertised job posting salary, BLS data, and other proprietary and public sources of information.

Occupation Group	0-2 Years	3-5 Years	6+ Years
------------------	-----------	-----------	----------

Appendix F: Burning Glass Data

Nationwide			
Financial Analysis	\$61905	\$73614	\$86152
Data Analysis and Mathematics	\$73150	\$86572	\$102714
Investment Specialists	\$50971	\$63225	\$84846
Marketing Specialists	\$56194	\$70811	\$89273
Business Analysis	\$58836	\$67254	\$81410
General Research	\$51405	\$61448	\$65771
Policy Analysis and Planning	\$66880	\$68343	\$76337
Financial Regulation and Compliance	\$61693	\$63523	\$71704

Florida	Occupation Group	0-2 Years	3-5 Years	6+ Years
	Financial Analysis	\$57209	\$68251	\$83688
	Data Analysis and Mathematics	\$67971	\$80332	\$101701
	Investment Specialists	\$47767	\$57041	\$75931
	Business Analysis	\$54650	\$61966	\$80940
	Marketing Specialists	\$53078	\$65725	\$84229
	General Research	\$49928	\$51509	\$69158
	Financial Regulation and Compliance	\$60365	\$56737	\$73803
	Policy Analysis and Planning	\$63678	\$62872	\$74311

WHERE IS THE DEMAND FOR MY GRADUATES?**TOP LOCATIONS BY POSTING DEMAND**

Location	Postings
California	76,598
Texas	36,496

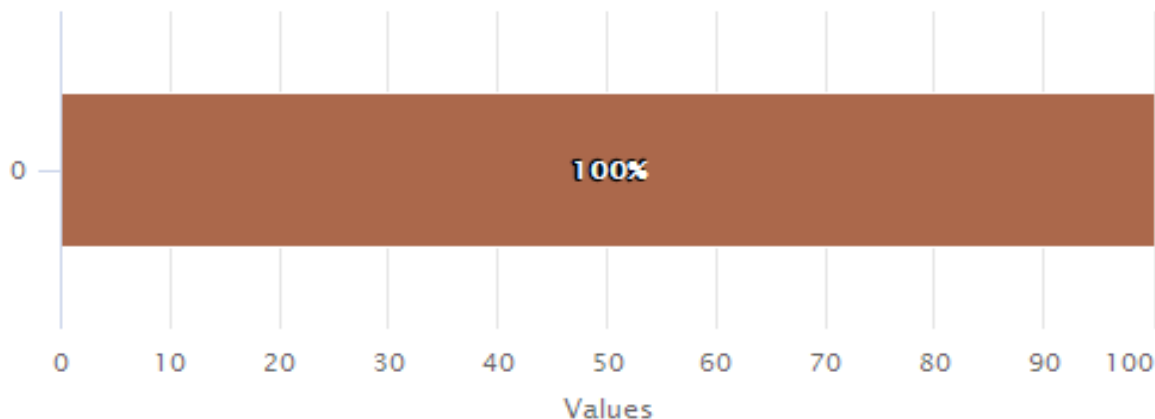
Appendix F: Burning Glass Data

New York	31,425
Florida	22,754
Illinois	21,556
Virginia	20,265
North Carolina	16,383
Massachusetts	15,554
Pennsylvania	14,938
Ohio	14,184

COMPETITIVE LANDSCAPE**OVERVIEW**

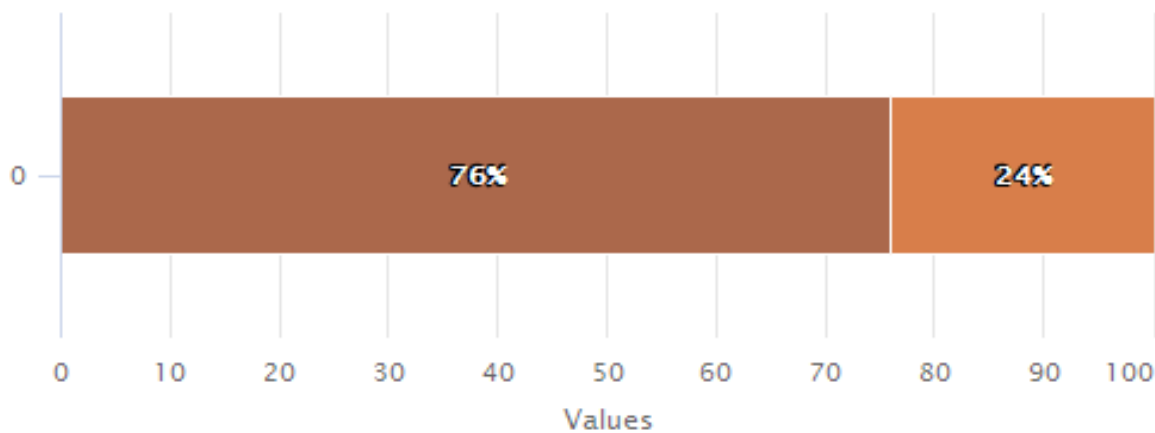
Nationwide	#	% Change (2014-2018)
Degrees Conferred	5,341	808%
Number of Institutions	77	126%
Average Conferrals by Institution	69	305.90%
Median Conferrals by Institution	21	200.00%
Florida	#	% Change (2014-2018)
Number of Institutions	0	0%
Average Conferrals by Institution	0	0.00%
Median Conferrals by Institution	0	0.00%
Tampa, St. Petersburg, Clearwater Area	#	% Change (2014-2018)
Number of Institutions	0	0%
Average Conferrals by Institution	0	0.00%
Median Conferrals by Institution	0	0.00%

MARKET SHARE BY PROGRAM

Appendix F: Burning Glass Data

● **Econometrics and Quantitative Economics**

Program	Conferrals (2018)	Market Share (%)
Econometrics and Quantitative Economics	5,341	100.00%

MARKET SHARE BY INSTITUTION TYPE**Nationwide**

● **Private** ● **Public**

Institution Type	Conferrals (2018)	Market Share (%)
Private	4,082	76.43%
Public	1,259	23.57%

Appendix F: Burning Glass Data**TOP INSTITUTIONS**

Nationwide

Institution	School Type	Market Share (2018)	Market Share Change	Conferrals (2018)	Conferrals Change (2014-2018)
New York University	Private	8.89%	8.89%	475	100.00%
Northwestern University	Private	7.15%	7.15%	382	100.00%
University of California-Santa Barbara	Public	6.78%	-35.40%	362	46.00%
University of Chicago	Private	6.53%	6.53%	349	100.00%
Harvard University	Private	6.46%	6.46%	345	100.00%
Columbia University in the City of New York	Private	5.06%	3.87%	270	3,757.10%
Duke University	Private	4.12%	4.12%	220	100.00%
Northeastern University	Private	3.73%	3.73%	199	100.00%
Dartmouth College	Private	3.69%	3.69%	197	100.00%
Brown University	Private	3.09%	1.56%	165	1,733.30%

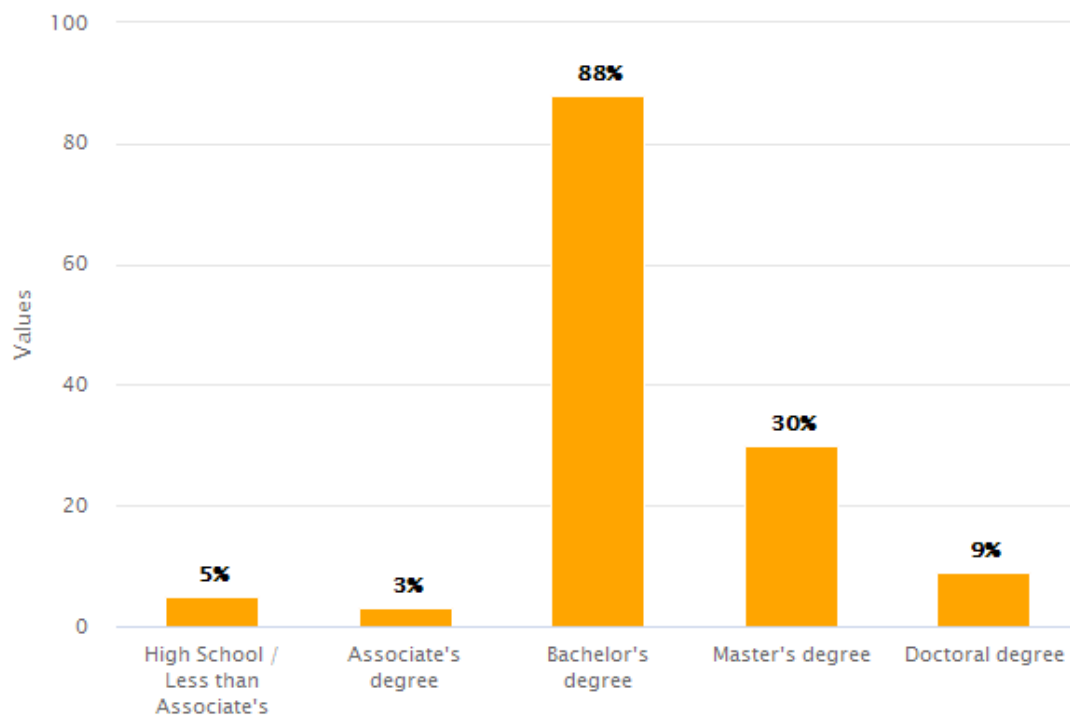
TOP PROGRAMS

Program	Market Share (2018)	Market Share Change	Conferrals (2018)	Conferrals Change (2014-2018)
Econometrics and Quantitative Economics	100.00%	0.00%	5,341	808.30%

MARKET ALIGNMENT**JOB POSTINGS BY ADVERTISED EDUCATION (%)**

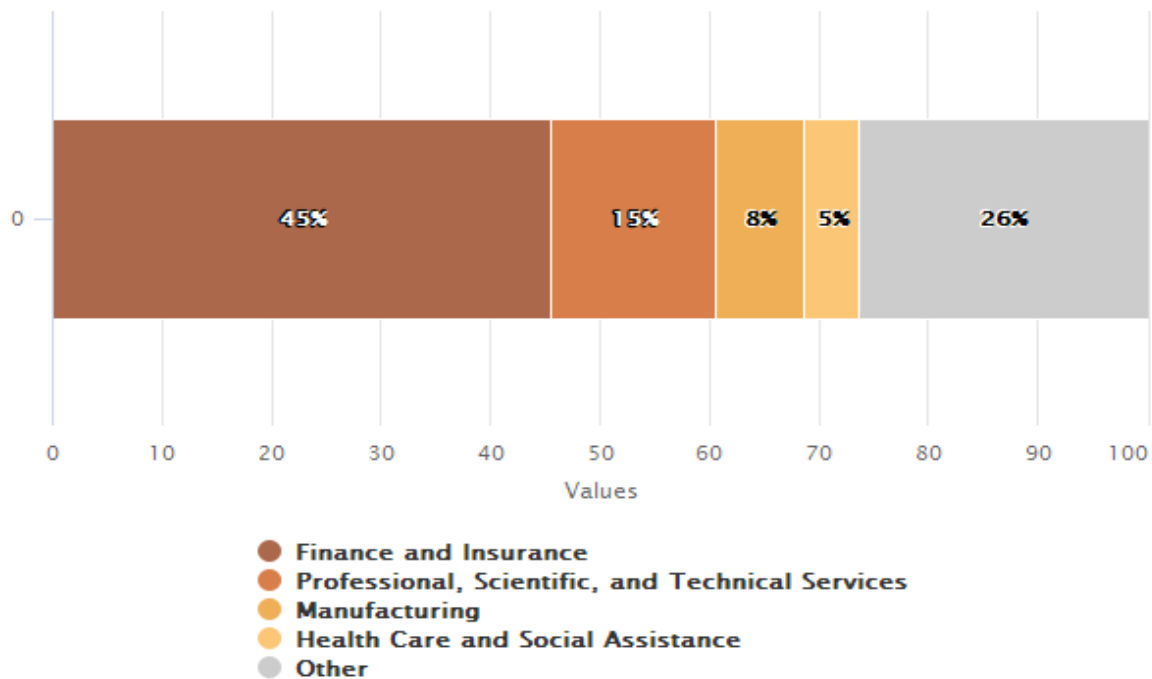
Data across all demographics is similar and nationwide is provided.

Appendix F: Burning Glass Data



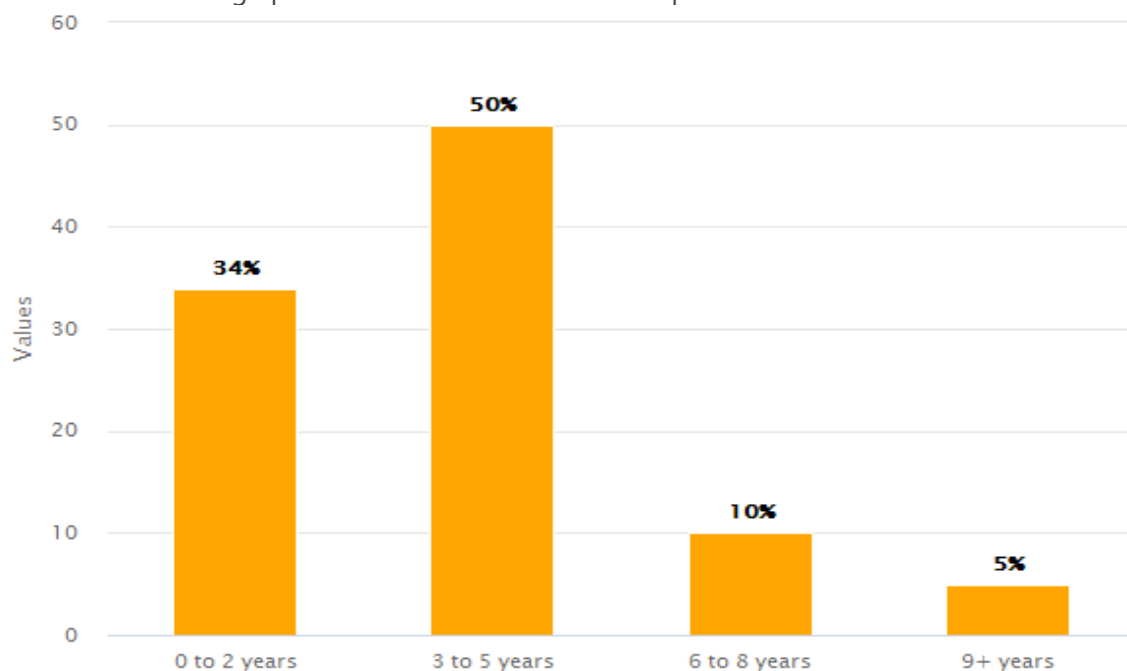
JOB POSTINGS BY INDUSTRY (%)

Data across all demographics is similar and nationwide is provided.



Appendix F: Burning Glass Data**JOB POSTINGS BY EXPERIENCE REQUESTED (%)**

Data across all demographics is similar and nationwide is provided.

**TOP TITLES**

Experience Level: All Experience

Nationwide

Title	Postings	Market Share (%)
Financial Analyst	51,681	15.97%
Data Analyst	33,012	10.20%
Senior Financial Analyst	20,204	6.25%
Operations Analyst	15,273	4.72%
Financial Advisor	9,996	3.09%
Financial Consultant	8,275	2.56%
Data Scientist	7,756	2.40%
Marketing Analyst	5,795	1.79%
Pricing Analyst	5,461	1.69%
Accounting Analyst	5,403	1.67%
Finance Analyst	5,403	1.67%
Portfolio Manager	5,286	1.63%
Business Analyst	3,977	1.23%
Budget Analyst	3,810	1.18%
Financial Solutions Advisor	3,774	1.17%

Appendix F: Burning Glass Data**Florida**

Title	Postings	Market Share (%)
Financial Analyst	2,971	17.96%
Data Analyst	1,582	9.56%
Senior Financial Analyst	1,075	6.50%
Operations Analyst	754	4.56%
Financial Advisor	670	4.05%
Financial Consultant	660	3.99%
Data Scientist	324	1.96%
Accounting Analyst	291	1.76%
Marketing Analyst	273	1.65%
Pricing Analyst	272	1.64%
Finance Analyst	271	1.64%
Portfolio Manager	221	1.34%
Business Analyst	204	1.23%
Business Consultant	173	1.05%
Wealth Management Advisor	171	1.03%

Tampa, St. Petersburg, Clearwater Area

Title	Postings	Market Share (%)
Financial Analyst	734	17.21%
Data Analyst	494	11.59%
Senior Financial Analyst	250	5.86%
Operations Analyst	226	5.30%
Financial Advisor	139	3.26%
Data Scientist	131	3.07%
Financial Consultant	113	2.65%
Business Analyst	85	1.99%
Risk Analyst	78	1.83%
Finance Analyst	76	1.78%
Accounting Analyst	70	1.64%
Marketing Analyst	68	1.59%
Pricing Analyst	65	1.52%
Senior Data Scientist	57	1.34%
Portfolio Manager	43	1.01%

TOP EMPLOYERS HIRING**Experience Level:** All Experience**Nationwide**

Employer	Postings	Market Share (%)
Anthem Blue Cross	8,604	2.66%

Appendix F: Burning Glass Data

Bank of America	8,479	2.62%
U.S. Bancorp	3,983	1.23%
Deloitte	3,250	1.00%
JP Morgan Chase Company	2,592	0.80%
Fidelity Brokerage Services	1,992	0.62%
Wells Fargo	1,822	0.56%
Regions Financial Corporation	1,477	0.46%
PricewaterhouseCoopers	1,419	0.44%
Booz Allen Hamilton Inc.	1,409	0.44%
Amazon	1,216	0.38%
The PNC Financial Services Group, Inc.	1,174	0.36%
USAA	1,121	0.35%
Humana	1,037	0.32%
Thrivent Financial for Lutherans	1,001	0.31%

Florida		
Employer	Postings	Market Share (%)
Anthem Blue Cross	802	4.85%
Bank of America	461	2.79%
Regions Financial Corporation	326	1.97%
Citi	226	1.37%
Raymond James Financial Incorporated	216	1.31%
PricewaterhouseCoopers	182	1.10%
Deloitte	149	0.90%
JP Morgan Chase Company	142	0.86%
USAA	128	0.77%
Lockheed Martin Corporation	122	0.74%
Verizon Communications Incorporated	98	0.59%
University of Miami	96	0.58%
Thrivent Financial for Lutherans	95	0.57%
Fidelity Brokerage Services	93	0.56%
State Florida	83	0.50%

Tampa, St. Petersburg, Clearwater Area

Employer	Postings	Market Share (%)
Anthem Blue Cross	191	4.48%
Raymond James Financial Incorporated	187	4.39%
Citi	171	4.01%
USAA	127	2.98%
PricewaterhouseCoopers	106	2.49%
Wellcare Health Plans	83	1.95%
Technical Data Corporation	51	1.20%

Appendix F: Burning Glass Data

Wellcare	50	1.17%
Bank of America	46	1.08%
Deloitte	45	1.06%
Regions Financial Corporation	41	0.96%
Moffitt Cancer Center	39	0.91%
General Dynamics	35	0.82%
JP Morgan Chase Company	30	0.70%
The Nielsen Company	29	0.68%

Appendix G: Semester Plans

<p align="center"><u>Undergraduate Eight-Semester Plan</u></p> <p align="center">CIP Code: 45.0603</p> <p align="center">CIP Title: Econometrics and Quantitative Economics</p> <p align="center">Degree Level: Bachelor's</p>								
Credential (Degree Type): B.S.								
USF Title (Major Name): Quantitative Economics and Econometrics								

For any course and/or placeholder that must be taken in sequence and/or in the semester listed, please indicate such by inserting a (!) in the appropriate cell.

Fall 1								
!	Current Course Prefix and Number	Common Prerequisite	General Education Requirement	Supporting Course	Major Core	Major Elective	Unrestricted Elective	Total
	ENC 1101		✓					3
	ECO 2013	✓	✓					3
	Humanities		✓					3
	Natural Sciences		✓					3
	XXX XXXX (Recommended: SLS 2901)						✓	3
Take the Civics Literacy Exam (Graduation Requirement)								
Total Semester Credit Hours:								15

Spring 1								
!	Current Course Prefix and Number	Common Prerequisite	General Education Requirement	Supporting Course	Major Core	Major Elective	Unrestricted Elective	Total
	ENC 1102		✓					3
	ECO 2023	✓	✓					3
	ECO 2052				✓			3
	Quantitative Reasoning		✓					3
Total Semester Credit Hours:								12

Summer 1								
!	Current Course Prefix and Number	Common Prerequisite	General Education Requirement	Supporting Course	Major Core	Major Elective	Unrestricted Elective	Total
	Human and Cultural Diversity		✓					3
	XXX XXXX						✓	3
Total Semester Credit Hours:								6

Fall 2								
!	Current Course Prefix and Number	Common Prerequisite	General Education Requirement	Supporting Course	Major Core	Major Elective	Unrestricted Elective	Total
	ECO 3101				✓			3
	STA 2023		✓					3

Appendix G: Semester Plans

	XXX XXXX					✓	3
	XXX XXXX					✓	3
Total Semester Credit Hours:							12

Spring 2								
!	Current Course Prefix and Number	Common Prerequisite	General Education Requirement	Supporting Course	Major Core	Major Elective	Unrestricted Elective	Total
	ECO 3203				✓			3
	ECO 4421				✓			3
	Information and Data Literacy		✓					3
	XXX XXXX						✓	3
	XXX XXXX						✓	3
Total Semester Credit Hours:								15

Summer 2								
!	Current Course Prefix and Number	Common Prerequisite	General Education Requirement	Supporting Course	Major Core	Major Elective	Unrestricted Elective	Total
	XXX XXXX						✓	3
Total Semester Credit Hours:								3

Fall 3								
!	Current Course Prefix and Number	Common Prerequisite	General Education Requirement	Supporting Course	Major Core	Major Elective	Unrestricted Elective	Total
	ECO 4201 or ECO 4105 or ECO 4422					✓		3
	ECO 4401				✓			3
	XXX XXXX						✓	3
	XXX XXXX						✓	3
Total Semester Credit Hours:								15

Spring 3								
!	Current Course Prefix and Number	Common Prerequisite	General Education Requirement	Supporting Course	Major Core	Major Elective	Unrestricted Elective	Total
	Major Elective					✓		3
	Major Elective					✓		3
	XXX XXXX						✓	3
	XXX XXXX						✓	3
Total Semester Credit Hours:								12

Summer 3								
!	Current Course Prefix and Number	Common Prerequisite	General Education Requirement	Supporting Course	Major Core	Major Elective	Unrestricted Elective	Total

Appendix G: Semester Plans

	XXX XXXX Upper-Level						✓	3
Total Semester Credit Hours:								3

Fall 4								
!	Current Course Prefix and Number	Common Prerequisite	General Education Requirement	Supporting Course	Major Core	Major Elective	Unrestricted Elective	Total
	Ethical Reasoning and Civic Engagement		✓					3
	XXX XXXX Upper-Level						✓	3
	XXX XXXX						✓	3
	XXX XXXX Upper-Level						✓	3
	XXX XXXX Upper-Level						✓	3
Total Semester Credit Hours:								15

Spring 4								
!	Current Course Prefix and Number	Common Prerequisite	General Education Requirement	Supporting Course	Major Core	Major Elective	Unrestricted Elective	Total
	High Impact Practice		✓					3
	XXX XXXX Upper- Level						✓	3
	XXX XXXX Upper- Level						✓	3
	XXX XXXX Upper- Level						✓	3
Total Semester Credit Hours:								12

Total Program Hours:								120
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Appendix G: Semester Plans

Undergraduate Four-Semester Plan CIP Code: 45.0603 CIP Title: Econometrics and Quantitative Economics Degree Level: Bachelor's
Credential (Degree Type): B.S.
USF Title (Major Name): Quantitative Economics and Econometrics

For any course and/or placeholder that must be taken in sequence and/or in the semester listed, please indicate such by inserting a (!) in the appropriate cell.

Fall 1						
!	Current Course Prefix and Number	Supporting Course	Major Core	Major Elective	Unrestricted Elective	Total
	ECO 2052		✓			3
	STA 2023		✓			3
	XXX XXXX Upper-Level				✓	3
	XXX XXXX Upper-Level				✓	3
	XXX XXXX				✓	3
Total Semester Credit Hours:						15

Spring 1						
!	Current Course Prefix and Number	Supporting Course	Major Core	Major Elective	Unrestricted Elective	Total
	XXX XXXX				✓	3
	ECO 3101		✓			3
	XXX XXXX Upper-Level				✓	3
	XXX XXXX				✓	3
	XXX XXXX Upper-Level				✓	3
Total Semester Credit Hours:						15

Summer 1						
!	Current Course Prefix and Number	Supporting Course	Major Core	Major Elective	Unrestricted Elective	Total
	ECO 3203		✓			3
	ECO 4421		✓			3
Total Semester Credit Hours:						6

Fall 2						
!	Current Course Prefix and Number	Supporting Course	Major Core	Major Elective	Unrestricted Elective	Total
	ECO 4401		✓			3
	ECO 4201 or ECO 4105			✓		3
	XXX XXXX Upper-Level				✓	3

Appendix G: Semester Plans

	XXX XXXX Upper-Level				✓	3
Total Semester Credit Hours:						12

Spring 2						
!	Current Course Prefix and Number	Supporting Course	Major Core	Major Elective	Unrestricted Elective	Total
	Major Elective			✓		3
	Major Elective			✓		3
	XXX XXXX Upper-Level				✓	3
	XXX XXXX Upper-Level				✓	3
Total Semester Credit Hours:						12

Total Program Hours:						60
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Appendix H: Common Prerequisite Request

9/18/2020

Common Prerequisite Request

Submission Directory Information

Name of Institution:	University of South Florida
Name of Person Making the Initial Request:	Cynthia Brown Hernandez
Title for the Person Listed Above:	Director <i>Cynthia Brown Hernandez</i>
Signature of Institution Common Prerequisite Liaison:	<i>Cynthia Brown Hernandez</i> 8535A06BAD884BB... Assistant Dean
Date of Submission:	January 8, 2021

Academic Program Information:

1. Name of Academic Degree Program: Econometrics and Quantitative Economics
2. Six Digit CIP Code: 45.0603
3. Type of Baccalaureate Degree (Bachelor of Science, Bachelor of Arts, etc.):
Bachelor of Science
4. What is the number of credit hours required for the degree: 120
5. Is this program currently officially designated limited access? No
6. Is there currently a baccalaureate degree in the CIP listed above in the Common Prerequisite Manual? No
7. If this request is one for a new degree program at your institution, please specify your anticipated implementation date for the program: Fall 2021
8. Do the anticipated common prerequisites for the program match those already listed in the Common Prerequisite Manual? Yes If so, please indicate where the common prerequisites are currently found: CIP: 45.0601 Track: 1 of 2
If the answer is yes to this question, you do not have to go any further in this document. You can stop at this point and submit the form.
9. Is this a new degree program for a CIP code not currently already found in the Common Prerequisite Manual? Yes
If the answer is yes, you will need to continue.
10. If this request is for a program already listed in the Common Prerequisite Manual, is the request due to an official CIP change for the program? N/A If so, what CIP is the program currently found in the manual: CIP: Track: What CIP is the programming moving to: CIP: **Please continue completing this form.**
11. Is the request is to modify currently approved common prerequisites? No If so, please indicate where the common prerequisites are currently found: CIP: Track: **Please continue completing this form.**

9/18/2020

Changes to Currently Approved Common Prerequisites

If this is a request to modify currently approved common prerequisites, provide the following information. Please add additional rows if needed. **CIP Code:** N/A

Track Number: N/A

List Currently Required Coursework. Be sure to list any course requested to be deleted, including those listed as options to other courses. For example, if PHYX053C is listed as an option instead of taking PHYX048C and an institution believes only that PHYX048C can prepare a student for the degree program, then the deletion of PHYX053C will need to be explained.

Course Prefix and Number	# Credit Hours	Keep? Yes or No	Delete? Yes or No	If the course is requested to be deleted, please explain why it is necessary to delete the course?
ECO 2013	3	Yes	No	N/A
ECO 2023	3	Yes	No	N/A

List any additional coursework is being requested. Please check to see if the course is taught by at least three Florida College System (FCS) institutions (scns.fldoe.org).

Course Prefix and Number	# Credit Hours	If this course is to serve as an alternate to another currently approved course, please list the currently approved course	Taught at three FCS institutions ? Yes or No	Please explain why it is necessary to add this course as a common prerequisite
ECO 2013 or ECO X000-X9999	3		Yes	Macroeconomics introduces students to basic economic terminology, definitions and measurements of macroeconomic data, simple macroeconomic models, fiscal and monetary policy, and international macroeconomic linkages. These are fundamental core concepts to a degree in Econometrics.
ECO 2023 or ECO X000-X9999	3		Yes	Microeconomics introduces students to the theory of price determination. How an economy decides what to produce, how to produce, and how to distribute goods and services. These are fundamental core concepts to a degree in Econometrics.

9/18/2020

Access

Number of Credit Hours for AA	60
Subtract Number of Credit Hours Required for Common Prerequisites	-6
Add the Number of Credit Hours for Common Prerequisites that are also general education core requirements	+3
Total number of semester hours left to complete the rest of the student's general education requirements	=57

If a student does not have enough room in the "total" above to complete the rest of general education requirements, please provide a justification for requiring more common prerequisite course credit hours than can be accommodated by the student in 60 semester hours: N/A.

With these recommendations, how does your institution propose to assist transfer students in avoiding time to degree?

There are only six credit hours of common prerequisites required for this program. One of the courses, ECO 2013, is an approved State Core General Education course, which leaves enough room to complete the general education requirements, if needed.

The University of South Florida has FUSE articulation agreements with regional Florida State College institutions to allow for the seamless transition from community/state college to USF.

Students receive intensive advising to assure they remain on track for timely degree completion.

Appendix I

ANDREI BARBOS

4202 East Fowler Ave CMC 206

Tampa, FL 33620-5500

E-mail: andreibarbos@gmail.com

Phone: 813-974-6514

Web: <http://sites.google.com/site/andreibarbos/>

This version: September 2020

EMPLOYMENT

Associate Professor, Department of Economics, University of South Florida, 2015-present

Assistant Professor, Department of Economics, University of South Florida, 2009-2015

EDUCATION

Ph.D.: Economics, Northwestern University, Evanston, IL, 2009

B.A.: Mathematical Economics, Academia de Studii Economice, Bucharest, Romania, 2001

PUBLICATIONS

1. "Context Effects: A Representation of Choices from Categories" - *Journal of Economic Theory*, 2010
2. "De-synchronized Clocks in Preemption Games with Risky Prospects" - *Mathematical Social Sciences*, 2013
3. "A Reference Dependent Representation with Subjective Tastes" - *Journal of Mathematical Economics*, 2013
4. "Project Screening with Tiered Evaluation" - *Mathematical Social Sciences*, 2013
5. "An Alternative Interpretation of Random Noise in Rank-Order Tournaments" - *Economics Letters*, 2013
6. "Imperfect Evaluation in Project Screening" - *Journal of Economics*, 2014
7. "Information Acquisition and Innovation under Competitive Pressure" - *Journal of Economics and Management Strategy*, 2015
8. "The Impact of a Public Option in the U.S. Health Insurance Market" (with Yi Deng) - *Economic Inquiry*, 2015
9. "The Effect of Maternity Leave Expansions on Fertility Intentions: Evidence from Switzerland" (with Stefani Milovanska-Farrington) - *Journal of Family and Economic Issues*, 2019
10. "Dynamic Contracts with Random Monitoring" - *Journal of Mathematical Economics*, 2019.

WORKING PAPERS

1. "Optimal Contracts with Random Monitoring" - *under review*
2. "Reputational Effects of Third-Party Agents: A Study of the Market for Fine and Rare Wines" (with John Hartman) - *under review*
3. "Random Monitoring without Communication"

TEACHING EXPERIENCE

Main Instructor, University of South Florida, 2009-present

Mathematical Economics I (*graduate*); Mathematical Economics II (*graduate*); Microeconomics II (*graduate*); Behavioral Economics (*graduate*); Game Theory (*undergraduate*); Intermediate Microeconomics (*undergraduate*).

OTHER EXPERIENCE

Director of Ph.D. Program, Department of Economics, University of South Florida, 2015-2019

Member in the Scientific Committee of the Annual Scientific Conference of Romanian Academic Economists, 2015 and 2016

Organizer of the Departmental Seminar Series, University of South Florida, 2010-2012

Consultant, Behavioral Research Associates, Evanston, IL, 2008-2009

Andrei Barbos, Page 2

REFEREEING ACTIVITY

Canadian Journal of Economics; Econometrica; Economics Bulletin; Economic Journal; International Economic Review; Journal of Combinatorial Optimization; Journal of Economic Theory; Journal of Economics; Journal of Economics and Management Strategy; Mathematical Social Sciences; National Science Foundation; Review of Economic Design; Review of Economic Studies; Social Choice and Welfare

MURAT KHAIRZHAN-ULI MUNKIN

June 2019

CURRENT POSITION

Associate Professor (with tenure), since 2007
Department of Economics, University of South Florida, Tampa

CONTACT

Department of Economics, University of South Florida, 4202 East Fowler Avenue,
CMC 208M, Tampa FL 33620-5500, USA
Email: mmunkin@usf.edu
Telephone: (813) 974 6517
Web-site: <http://faculty.cas.usf.edu/mmunkin/>

FIELDS OF INTEREST

Bayesian Econometrics; Microeconometrics; Health Economics; Development Economics

PERSONAL DATA

Citizenship: USA
Nationality: Kazakhstan
Marital Status: Married, 4 children

EDUCATION

Ph.D. in Economics (Econometrics), 2001
Indiana University, Department of Economics, Bloomington, USA

Diploma (Honors, GPA 4.82/5.00) in Mathematics (Probability Theory), 1993
Moscow State University, Department of Mathematics and Mechanics, Moscow, Russia

PREVIOUS POSITIONS

Associate Professor (with tenure), since 2007 to present
Department of Economics, University of South Florida, Tampa

Senior Research Economist, 2016-2018
Economics Research and Policy Department, Islamic Development Bank, Jeddah, Saudi Arabia

Visiting Associate Professor, 2010-2012
Department of Finance and Economics, Qatar University, Doha, Qatar

Associate Professor (with tenure), 2007
Department of Economics, University of Tennessee, Knoxville

Assistant Professor, 2001-2007
Department of Economics, University of Tennessee, Knoxville

Associate Instructor, 1996-2001,
Department of Economics, Indiana University, Bloomington

Lecturer (Calculus), 1993-1994
Kazakh National Technical University, Almaty, Kazakhstan

LANGUAGE EDUCATION

2010-2012	Arabic for Non-Native Speakers Program Qatar University, Doha, Qatar
1995	Intensive English Program Indiana University, Bloomington, USA
1994	Texas Intensive English Program Austin, Texas, USA

AWARDS

2002	The Esther L. Kinsley Ph.D. Outstanding Dissertation Award
2000	The Taulman A. Miller Best International Student Award Department of Economics, Indiana University, Bloomington, USA
1991-1993	Best Student Scholarship for Excellent Performance, Moscow State University, Department of Mechanics and Mathematics, Moscow, Russia
1986	Winner of Mathematical Journal "КВАНТ (Quant)" Tournament, Russia
1986	First place at Mathematical "Tournament of Towns", Soviet Union
1984	Third place in Kazakhstan Republic's Mathematical Olympiad

PUBLICATIONS

"The Effect of Total Capital on Asset Risks of Islamic Banks: the Endogenous Treatment Panel Data Model Approach", (2017), *Review of Financial Economics*, 34, 1-9 (with Syed Basher and Lawrence Kessler)

"Estimating Incentive and Selection Effects in Medigap Insurance Market: An Application with Dirichlet Process Mixture Model", (2015), *Journal of Applied Econometrics* (with Stewart Hu and P.K. Trivedi)

"Bayesian Estimation of Panel Data Fractional Response Models with Endogeneity: An Application to Standardized Test Rates", (2015), *Empirical Economics*, 49, 81-114 (with Lawrence Kessler)

"Simulating the Contribution of a Biospecimen and Clinical Data Repository in a Phase II Clinical Trial: a Value of Information Analysis", *Statistical Methods in Medical Research* (2013) (with Benjamin Craig, Gang Han and David Fenstermacher)

“The Endogenous Sequential Probit Model: An Application to the Demand for Hospital Utilization”, *Economics Letters*, (2011), 112, 182-185

“Recent Developments in Cross-Section and Panel Data Models of Event Counts,” *The Handbook of Empirical Economics and Finance*, edited by David Giles and Aman Ullah, (2010), 87-131 (with P.K. Trivedi)

“Disentangling incentives effects of insurance coverage from adverse selection in the case of drug expenditure: a finite mixture approach”, (2010), *Health Economics*, 19, 1093-1108. (with P.K. Trivedi)

“Demand for Cigarettes: A Mixed Binary-Ordered Probit Approach”, (2010), *Applied Economics*, 42(4), 413-426 (with P. Kasteridis and S. Yen)

“A Bayesian Analysis of the OPES Model with a Non-parametric Component: Application to Dental Insurance and Dental Care,” (2009), *Advances in Econometrics*, Volume 23: Bayesian Econometrics (with P.K. Trivedi)

“Bayesian Analysis of the Ordered Probit Model with Endogenous Selection,” (2008), *Journal of Econometrics*, 143, 334-348 (with P.K. Trivedi)

“Private Insurance, Selection, and the Health Care Use: A Bayesian Analysis of a Roy-type Model,” (2006), *Journal of Business and Economic Statistics*, 24, 403-415 (with P. Deb and P.K. Trivedi)

“Bayesian Analysis of the Two-Part Model with Endogeneity: Application to Health Care Expenditure,” (2006), *Journal of Applied Econometrics*, 21, 1081-1099 (with P. Deb and P.K. Trivedi)

“Bayesian Analysis of Self-Selection Model with Multiple Outcomes Using Simulation-Based Estimation: An Application to the Demand for Healthcare,” (2003), *Journal of Econometrics*, 114, 197-220 (with P.K. Trivedi)

“The MCMC and SML Estimation of a Self-Selection Model”, *Computational Statistics and Data Analysis*, (2003), 42, 403-424

“Simulated Maximum Likelihood Estimation of Multivariate Mixed-Poisson Regression Models, With Application,” *The Econometrics Journal*, (1999), Volume 2, Issue 1, pp. 29-48., (with P.K. Trivedi)

PAPERS UNDER REVIEW AND WORKING PAPERS

“Bayesian Analysis of the Roy Model with Count Outcomes: Finite Mixture Approach”

“Bayesian Analysis of the Effect of Amnesties on Tax Revenues and Filing Rates Using a Longitudinal Data Model”

“Semiparametric Analysis of the Effect of Income on the Consumption of Tobacco and Alcohol Products in Turkey”

“Bayesian Analysis of the Multinomial Probit Model”

COURSES TAUGHT

Ph.D. courses:

Elements of Statistics (Math Economics 2)
Elements of Econometrics
Time Series Econometrics
Special Topics in Microeconometrics
Bayesian Econometrics
Health Economics

Undergraduate courses:

Algebra
Calculus
Mathematics for Business Students
Introductory Statistics
Introductory Microeconomics
Intermediate Microeconomics
Introductory Macroeconomics
Mathematical Economics
Time Series Econometrics
Health Economics

GRANTS

“Clinically enhanced multi-purpose administrative dataset for comparative effectiveness research in the State of Florida” Agency for Health Care Research and Quality, 2010-2013, (Co-PI with H. Salihu)

“Effective Cancer Care: Building a Cancer CER Infrastructure”, from National Institute of Health, 2009-2010, (Consultant to D. Fenstermacher and B. Craig, Moffitt Cancer Center)

“U.S. Household Food Demand at Home”, from the US Department of Agriculture, 2007-2008 (Co-Principal Investigator with S. Yen)

Scholarly Research Grant, College of Business Administration, University of Tennessee, 2001-2003 (Principal Investigator)

“Health Plan Choice and Utilization: The Role of Attributes”, from the Robert Wood Johnson

Foundation, 2002-2003, (Consultant to P.K. Trivedi and P. Deb)

“The Impact of Managed Care on the Demand of Preventive and Curative Medical Services”, from the Agency for Healthcare Research and Quality, 2001-2002, (Consultant to P.K. Trivedi and P. Deb)

PROFESSIONAL ACTIVITIES

Reviewer

Folland, Sherman, Allen C. Goodman and Miron Stano. 2004. *The Economics of Health and Health Care*. Upper Saddle River, NJ: Prentice-Hall Inc.

Referee

Journal of Econometrics
The Econometrics Journal
Journal of Business and Economic Statistics
Journal of Applied Econometrics
Computational Statistics and Data Analysis
Health Economics
Economic Inquiry
Journal of the European Economic Association
The Review of Economics and Statistics

PH.D. THESES ADVISING

Shawn Strother, Ph.D., 2003, Department of Finance, University of Tennessee
 Panos Kasteridis, Ph.D., 2008, (**Chair**), Department of Economics, University of Tennessee
 Chris Jones, Ph.D., 2008, Department of Economics, University of South Florida
 Rui Dai, Ph.D., 2009, Department of Economics, University of South Florida
 Finnie Cook, Ph.D., 2009, Department of Economics, University of South Florida
 Joe MacDougald, Ph.D. 2010, Department of Economics, University of South Florida
 Stewart Hu, Ph.D. 2011, (**Chair**), Department of Economics, University of South Florida
 Lawrence Kessler, Ph.D. 2013, (**Chair**), Department of Economics, University of South Florida
 Dan Zhao, Ph.D. 2013, Department of Economics, University of South Florida
 Natallia Gray, Ph.D. 2014, Department of Economics, University of South Florida
 Joseph Mohr, Ph.D. 2014, Department of Finance, University of South Florida
 Victoria Perk, Ph.D. 2016, Department of Economics, University of South Florida
 Robyn Kibler, Ph.D. 2017, (**Chair**) Department of Economics, University of South Florida
 John Oryema, Ph.D. 2016, Department of Economics, University of South Florida
 Askar Nurbekov, (International Advisor) Eurasian National University, Astana, Kazakhstan
 Lijuan Feng, Ph.D. 2018, Department of Economics, University of South Florida
 Stephen Poteet, Ph.D. expected 2019, (**Co-chair**) Department of Economics, University of South Florida

Suzana Karim, Ph.D. in progress, (**Chair**), Department of Economics, University of South Florida

MA ORAL EXAMINATION COMMITTEE (between 2012-2015)

Kylie Gross (2014)
Stephen Poteet (2014)
Eros Gautam (2014)
Jessie Coe (2013)
Janmarie Pena (2013)

SERVICE

CAS Core Facilities Committee, 2014-2016
CAS Computer Committee, 2009
Department of Economics Research Committee (Chairperson), 2011-2013
Department of Economics Faculty Hiring Search Committee, 2011-2013
Department of Economics Committee A (Tenure and Promotion Committee)
Department Development Committee
Econometrics Qualifying Exam committee
Committee on the Master's Program in Applied Economics jointly with the Department of Mathematics
Seminar Series Committee (Chairperson), 2007-2010

SERVICE TO THE COMMUNITY

Board member of the Tajweed Institute of Florida (2014-present)
Mathematical club in the Universal Academy of Florida (2009)

LANGUAGES

Kazakh (native), Russian (native), English (native), Modern Standard Arabic (intermediate)

July, 2020

Haiyan Liu

University of South Florida
Department of Economics
CMC 207F, 4202 East Fowler Ave.
Tampa, FL 33620
Office Phone: (813)-974-6521
Email: hliu4@usf.edu
Web: <http://www.economics.usf.edu/faculty/hliu/>

EMPLOYMENT

Assistant Professor, Department of Economics, University of South Florida, 2014 - present

EDUCATION

Ph.D. in Economics, University of Virginia, 2014
M.A. in Economics, Peking University, 2006
B.A., Economics of International Trade, Renmin University, 2003

FIELDS OF INTEREST

Industrial Organization, Health Economics, Applied Microeconomics

PUBLICATIONS

“Variety and Experience: Learning and Forgetting in the Use of Surgical Devices” (joint with Kamalini Ramdas, Khaled Salehz, and Steven Stern, *Management Science* 64(6) (2017): 2590-2608;

“Advertising Signaling and Social Learning: The Case of the Motion Picture Industry”, revise and resubmit at *International Journal of Industrial Organization*

“Expectation-Based Reference-Dependent Preferences: Evidence from the Used-Car Retail Market” (joint with Guofang Huang), revise and resubmit at *Quantitative Marketing and Economics*

“Semi-parametric Estimation of the Stochastic Utility Model of Choice: the Case with Dynamic Adverse Selection”, (joint with Jeremy Fox and Guofang Huang)

“Show Me the Carfax: Information Disclosure and Market Outcomes” (joint with Guofang Huang and Hong Luo)

WORK IN PROGRESS

“Estimating a Dynamic Game of Commitment: The Case of the Movie Release Time Announcement”, (joint with Natasha Zhang and Yiyi Zhou)

“Estimation of Car Scrapping Rates” (joint with Monica Hartman and Steven Stern)

“Online versus Offline Health Market: Evidence from Online Health Platform in China”
(joint with Xiangting Hu)

“Insider Advantages: The Unexpected Impact of China’s New Medical Care Reform”
(joint with Ang Sun)

CONFERENCES AND SEMINARS PRESENTATIONS

2019: University of Central Florida, Shanghai University of Finance and Economics

2018: Econometric Society North America Winter Meeting

2017: Southern Economic Association Annual Conference, Annual International Industrial Organization Conference, CES North America Conference, University of South Florida

2016: Shanghai University of Finance and Economics, China Meeting of Econometric Society, Annual International Industrial Organization Conference, California State University at East Bay (Eco), University of South Florida

2015: International Industrial Organization Conference, University of South Florida

2011: Southern Economic Association Annual

AWARDS:

CAS Faculty Travel Award, University of South Florida, Spring 2017

CAS Faculty Travel Award, University of South Florida, Spring 2015

Dissertation Year Fellowship, University of Virginia, 2011-2012

Snavely Prize for Outstanding Dissertation Proposal, University of Virginia, 2011

Robert J. Huskey Travel Fellowship, University of Virginia, 2011

Pre-doctoral Public Policy Fellowship, University of Virginia, 2010-2011

Graduate Fellowship, University of Virginia, 2006 – 2010

TEACHING EXPERIENCE:

University of South Florida

Economic Concepts (College of Business, ECO6005)

Industrial Organization II (graduate, ECP7406)

Industrial Organization (undergraduate, ECP3403)

University of Virginia (Instructor)

Principles of Microeconomics (undergraduate)

University of Virginia (Teaching Fellow)

Intermediate Microeconomics (undergraduate)

Introduction of Statistical Analysis (undergraduate)

Principles of Macroeconomics (undergraduate)

Economy of China (undergraduate)

Peking University (Teaching Fellow)

Econometrics (graduate)

Intermediate Microeconomics (undergraduate)
Health Economics Microeconomics (undergraduate)
Corporate Finance (MBA)

Smith, Richard B

Curriculum Vitae

SCHOOL ADDRESS

Department of Economics,
College of Arts & Sciences,
140 Seventh Avenue South
St. Petersburg FL 33701

Personal and Contact Information

Work Email : smithrb@usfsp.edu
Work Fax : 727-873-4571
Work Phone : 727-873-4943

Educational Experience

Year	Degree	Major	Institution
2001	Ph.D.	Economics	University of Connecticut

Academic Experience

Year		Role
03/2003 - Present	USF St. Petersburg, College of Business	Regular Faculty

Professional Experience

Year	Title/Position	Institution/Organization	Comments
05/2003 - 07/2003	Consultant	World Bank	Worked on study of sustainable financing of health systems in the developing world.
08/2002 - 07/2003	Post-doctoral Scholar	School of Public Health, University of California, Berkeley	Training in health services research, sponsored by the Agency for Healthcare Research and Quality
01/1985 - 01/1994	Systems Analyst	The Travelers Insurance Cos.	Systems analyst in both commercial insurance and investment management

Journal Publications

1. Dynan, Linda, Anthony Goudie, Richard B. Smith, Gerry Fairbrother, and Lisa A. Simpson (2013, February). "Differences in Quality of Care Among Non-Safety-Net, Safety-Net, and Children's Hospitals," *Pediatrics*, Vol. 131(2), 304-311. *Refereed. Ranked A. BDS.*
2. Smith, Richard B., Linda Dynan, Gerry Fairbrother, Glen Chabi, and Lisa Simpson (2012, August). "Medicaid, Hospital Financial Stress, and the Incidence of Adverse Medical Events for Children," *Health Services Research*, Vol. 47(4), 1621-1641. *Refereed. Ranked A. BDS.*
3. Smith, Richard B. "Qualities' of Scale: Hospital Volume and Patient Safety," *in progress* (80% complete).
4. Smith, Richard B. "Public Insurance, Private Payers, and Patient Safety," *in progress* (50% complete).
5. Smith, Richard B., Robyn Cheung, Pamela Owens, R. Mark Wilson, and Lisa Simpson (2007, October). "Medicaid Markets and Pediatric Patient Safety in Hospitals," *Health Services Research*, Vol. 42(5), 1981-1998. *Refereed. Ranked A. BDS.*
6. Brody, Richard G. and Richard B. Smith (2007, Spring). "Counterfeit Drugs: A Potential Epidemic," *Insights to a Changing World Quarterly Journal*, Vol. 2007 (1). *Refereed. Ranked C. AIS.*
7. Scheffler, Richard and Richard B. Smith (Fall 2006). "The Impact of Government Decentralization on Health Spending for the Uninsured in California," *International Journal of Health Care Finance and Economics*, Vol. 6 (3), 237-258. *Refereed. Ranked B. BDS.*
8. Smith, Richard B. (Fall 2005). "An Alternative Perspective on Information Asymmetry; Implications for Consumer Authority in Physician Services Markets," *Journal of Economics and Management Strategy*, Vol. 13(4), 665-699. *Refereed. Ranked A. BDS.*
9. Smith, Richard B., and Linda Dynan. "Hospital Quality-Review Spending and Patient Safety: A Longitudinal Study Using Instrumental Variables," *in progress* (90% complete).
10. Smith, Richard B., and Linda Dynan. "Do Competitors' Quality Improvement Improve Own Quality? An Empirical Test of Florida Hospitals," *in progress* (80% complete).
11. Smith, Richard B., and Linda Dynan. "Hospital Factors Associated with Nurse-Sensitive, Patient-Safety Outcomes," *in progress* (90% complete).

Other Publications

1. Smith, Richard B. (2012, Winter). "Health Insurance and the Economics of the Individual Mandate," *The Tampa Bay Economy: A University of Tampa Semi-Annual Review*. *AIS.*
2. Baldwin, Julie, Lisa Simpson, Stephanie Melton, Marie Rachelle Narcisse, Richard B. Smith, and Tara Trudnak (2010, September). *Child Health & Healthcare Quality in Florida: Focus on Childhood Obesity*. *AIS.*
3. Davis, C. S., Massey, O.T., Smith, R.B., Armstrong, M., Vergon, K.S., Smith, R. B. (June 2008). "Refinement of an Instrument to Measure Mental Health Literacy and Examination of Interventions to Enhance Mental Health Literacy," Louis de la Parte Florida Mental Health Institute. University of South Florida. *Refereed. AIS.*
4. Epps, Christine S., Mary Armstrong, Christine S. Davis, Oliver T. Massey, Roxann McNeish, and Richard B. Smith (June 2007). "Development and Testing of an Instrument to Measure Mental Health Literacy," Louis de la Parte Florida Mental Health Institute. University of South Florida. *Refereed. AIS.*
5. Smith, Richard B., Mary Armstrong, and Christine Davis (June 2006). "The Effect of Health Knowledge and Literacy on Utilization, Cost, Service Quality, and Quality of Life in Children and Adult Medicaid Mental Health Consumers," Louis de la Parte Florida Mental Health Institute. University of South Florida. *Refereed. AIS.*

6. Gottret, Pablo, Richard Smith, and Maria-Teresa Nogales (July 2003). "Sustainable Finance of the Health Sector in Developing Countries: Proposal of a Research Plan," World Bank. Washington, D.C. *AIS*.
7. Smith, Richard B. (1998, Winter). "Medicaid Meets Managed Care," *The Connecticut Economy: A University of Connecticut Quarterly Review*, Vol. 6(1), 6. *AIS*.

Courses Taught

Year	Description
01/2009 - Spring 2009	Spring 2009 ECP 3530-691 Economics of Health/ECO 6936-691 Health Care Policy
01/2008 - Spring 2015	ECO 2013 - Economics Principles (Macroeconomics)
08/2009 - Present	ECO 4504 - Public Finance
09/2004 - 08/2014	MBA Economics Essentials
01/2010 - Present	ECO 3101 - Intermediate Price Theory
06/2013 - Present	ECO 6419 - Managerial Analysis
08/2003 - Present	ECP 3530 - Economics of Health
08/2003 - Present	ECO 2023 - Economics Principles (Microeconomics)
01/2017 - Present	ECP 6536 Economics of Health Care I

Professional Societies/Associations

Year	Society/Association	Role
01/2017 - 12/2017	Southern Economic Association	Member
01/2017 - 12/2017	International Atlantic Economic Society	Member
01/2009 - 12/2010	American Society for Health Economists	Member
01/2008 - 12/2008	International Health Economics Association	Member

Contracts or Grants Received

Funding Source	Year	Role	Amount	Effort
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1. HHS/AHRQ	2011	SI	\$15,000	10%
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Title: Determining Discharge-Level and Hospital-Level Characteristics and Contexts Associated with Pediatric Serious Safety Events

2. HRSA/CMHB	2009	CI	\$100,000	20%
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Title: Serious Safety Events for Medicaid Children, Implications for MCH Providers

Governance/Committees

Year	Name of Committee	Role	Institution
08/2019 - Present	USF General Education Council.	Member	USF
01/2019 - 02/2019	USF Consolidation Internal Task Force, Graduate Studies.	Member	USF Consolidation Task Force, Graduate Studies
08/2018 - 05/2019	Annual Review and Awards Committee (ARAC)	Member	USFSP Kate Tiedemann College of Business
08/2018 - 12/2018	Search Committee for Regional Vice Chancellor for Academic Affairs of USFSP	Member	USFSP

08/2018 - 12/2018	USF Consolidation Internal Committee (CIC) on Faculty Affairs.	Member	USF System
08/2017 – Present, 8/2015 – 08/2016 08/2014 – 05/2015, 08/2009 – 05/2012	College of Business Council	Member	USFSP Kate Tiedemann College of Business
01/2017 - 05/2017, 08/2011 – 12/2012	Annual Review and Awards Committee (ARAC)	Member	USFSP Kate Tiedemann College of Business
08/2016 - 05/2018	Tenure and Promotion (T&P) Committee	Member	USFSP Kate Tiedemann College of Business
11/2015 - 04/2016	Search Committee for Regional Vice Chancellor for Academic Affairs of USFSP	Member	USFSP
01/2015 - 02/2016	Search Committee for Dean of the KTCOB.	Member	USFSP Kate Tiedemann College of Business
11/2014 - 06/2015	College Dean Search Committee	Member	USFSP Kate Tiedemann College of Business
04/2014 - 04/2014	Bank of America Endowed Professorship Selection Committee	Member	USFSP Kate Tiedemann College of Business

08/2013 – 05/2020	USFSP General Education Committee	Member	USFSP
01/2013 - 05/2013	USF System Research Council	Member	USF System
08/2012 - 12/2017	Finance & Audit Advisory Council (FAAC) - Faculty representative for USF system	Member	USF System
03/2012 - 12/2012	College of Business Strategic Planning Committee	Member	USFSP College of Business
08/2011 - Fall 2012	Faculty Senate	Secretary	USF St. Petersburg
08/2010 - Fall 2012	USF System Faculty Council	Member	USF System
08/2011 - Fall 2012	USF System Faculty Council	Vice President	USF System
10/2010 - 11/2010	USF Strategic Plan Task Force on Academic and Administrative Collaboration	Member	USF System

08/2010 - Fall 2014

Undergraduate Member USFSP Kate
Curriculum (Chair Tiedemann
Committee 2013-14) College of
Business

08/2010 - Fall 2011

Faculty Senate President
(Compensa USF St.
ted Petersburg
Service)

Maria Luisa Corton

Associate professor of economics
Department of Economics
USF St. Petersburg campus
140 7th av south LPH433
Phone: 727-8734179
Email: mcorton@usf.edu

EDUCATION

Ph.D. Economics (fields: IO & econometrics) University of Florida, Gainesville, Florida, 2008
M.A. Economics, University of Florida, Gainesville, Florida, 2000
M.B.A. International Business, Jacksonville University, Jacksonville, Florida, 1996
Engineer in Computer Science, Universidad Simon Bolívar, Venezuela, 1980

TEACHING PORTFOLIO AT USF, 2008 TO PRESENT

Undergraduate:

ECS4430 Economics of Latin America
ECO3705 International Economics (online & F2F)
ECO3203 Intermediate Macroeconomics
ECP3302 Environmental Economics
ECO2013 Principles of macroeconomics
QMB3200 Business statistics II (online & F2F)

Graduate:

ECO6705 International economic issues (online); directed research studies.

ACADEMIC EXPERIENCE

Associate professor of economics, College of Arts and Sciences, Department of Economics. USF St. Petersburg campus.
Aug 2020 – present
Associate professor of economics, Kate Tiedemann College of Business, USF St. Petersburg, Aug 2017 – Jul 2020
Assistant professor of economics, Kate Tiedemann College of Business, USF St. Petersburg, Dec 2010 – Aug 2017
Visiting Assistant Professor of economics, College of Business, USF St. Petersburg, Aug 2008 – Dec 2010
Instructor, University of Florida, Gainesville, Florida, Jan 2008 - Apr 2008.
Research associate, Public Utility Research Center (PURC), University of Florida, 1998-2008.
Instructor for Operations Research courses, Universidad Central de Venezuela, College of Social Sciences, 1997-1998.
Instructor for Data Base courses and director of master thesis and internships, Computer Science department, Universidad Simon Bolivar, Venezuela 1985-1988.

RESEARCH INTERESTS

Analysis and measurement of utilities efficiency
Cost modeling and estimation
Regulation of utilities, the energy and water sectors.

REFEREED PUBLICATIONS

Corton, M.L., Phillips M.A., and Zimmermann A. (2019). Aligning Quality Incentives and Tariff Adjustments: The case of The Brazilian Electricity Distribution Sector. *Review of Network Economics*, 18 (1):35–62.
Corton, M.L., Zimmermann A., and Phillips M.A. (2016). The low cost of quality improvements in the electricity Distribution sector of Brazil. *Energy Policy*, 97:485–493.
Corton, M.L., Ebrahimpour M. (2014). Research Note: Forecasting film-induced tourism: The Dolphin Tale case, *Tourism Economics*, 20(6): 1349–1356.
Corton, M.L., Ebrahimpour M. (2013). The Economic Impact of the Arts and Culture sector in the City of St. Petersburg, Florida, *Journal of Business and Management Landscapes*, 2(1):15–29.
Corton, M.L. (2011). Sector fragmentation and aggregation of service provision in the water industry, *Journal of Productivity Analysis*, 35(2):159–169.
Corton, M.L., Sanford, V.B. (2009). Benchmarking Water Utilities in Central America, *Utilities Policy*, 17:267–275.
Corton, M.L. (2003). Benchmarking in the Latin American Water Sector: The Case of Peru, *Utilities Policy*, 11(3):133–142.

NON-REFEREED PUBLICATIONS

Corton, M.L., Molinary, A. (2008). Regulatory collaboration in the Americas: ADERASA, in *Water21*, 10(1): 23–26.

Corton, M.L., Sanford, V.B. (2008). Benchmarking Water Utilities in Central America, in *Water21*, 10(1): 27–28.

Book Sections

Sanford, V.B., Corton, M.L. (2008). Water Utility Benchmarking for Managerial and Policy Decisions: Lessons from Developing Countries, in *Performance Assessment of Urban Infrastructure Services*, IWA pub., London, UK, pp. 307–320.

Sanford, V.B., Corton, M.L. (2002). Infrastructure Management: Applications to Latin America, in *Private Initiatives in Infrastructure: Priorities, Incentives and Performance*, Edward Elgar pub., N. Hampton, MA, pp.189–202.

Ad-hoc reviewer, 2003 to present

Energy Policy, Economic Modelling, Utilities Policy, Water Policy, Water Resources Management, *Water 21*, and *Journal of Asia Business Studies*.

Research grant

USFSP (\$50,000). Economic impact analysis of a foreign trade area in St. Petersburg, Florida, 2014.

Special projects

Economic impact of the arts on the St. Petersburg area, 2010

Economic impact of the Dolphin Tale film on the Clearwater area, 2011, 2012

University service, 2003 to present

USFSP- General education committee (campus wide); Graduate committee, Undergraduate committee; Faculty development committee; search committees for accounting and economic positions.

USF Department of economics: By-Laws committee.

Erika V. Martinez

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Education

PhD Economics, Duke University, 2011
MA Economics, Duke University, 2007
BSBA Economics, University of Florida, 2004

Fields of Interest

Applied Microeconomics, Economics of Education, Urban Economics

Teaching Experience

University of South Florida, College of Arts and Sciences, Department of Economics Instructor II 2011-Present:

Principles of Microeconomics, Intermediate Price Theory, Advanced Price Theory, Labor Economics, Economics of Education, Seminar on Current Economic Issues

University of North Carolina Chapel-Hill, Kenan Flagler Business School Adjunct Instructor 2016-Present:

Managerial Economics (MBA-online)

The National Management School (International Center of Broward College, USA), Mumbai and Chennai, India, Visiting Instructor 2015:
Principles of Macroeconomics

Duke University, Department of Economics Adjunct Instructor 2009-2011:
Intermediate Microeconomic Theory I, Intermediate Microeconomic Theory II, Economics of Education, Game Theory (Teaching Assistant), Labor Economics (Teaching Assistant)

Elon University, Department of Economics Adjunct Instructor 2010-2011:
Principles of Economics

Research

"Scaling the Digital Divide: Home Computer Technology and Student Achievement." with C.T. Clotfelter, H.F.Ladd, and J.L. Vigdor. Economics Inquiry v.52 n.3 (July 2014) pp.1103-1119

"Do Housing Prices Account for School Accountability?" Unpublished Paper.

"Does School Accountability Influence Teacher Mobility and Student Sorting?" Unpublished Paper.

Other Experience

Research Assistant for Jake Vigdor, Duke University, 2007-2009

Research Assistant for Patrick Bayer, Duke University, 2006-2009
Research Assistant for Gale Boyd, Duke University, Spring 2007

Dissertation

“Essays on the Impact of School Accountability in North Carolina”

Committee: Patrick Bayer (chair), Jacob Vigdor, Thomas Nechyba, Charlie Becker

Professional Memberships

American Economic Association 2010-2015

National Economics Association 2011-2013

University of South Florida Service

College of Arts and Sciences Instructor Promotion Committee 2019-Present

Faculty Fellow 2015-present

Economics Department Graduate Assistant Teaching and Mentoring Program 2013-present Economics

Undergraduate Policy Committee 2011-present

Economics Adjunct Committee 2011-present

Economics Scheduling Committee 2011-2014

Other Institutional and Community Service

Humane Society of Tampa Bay, Volunteer, 2011-2017

January 2020

CURRICULUM VITAE

GABRIEL A. PICONE

ADDRESS

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University of South Florida
4202 East Fowler Avenue
Tampa, FL 33620-5500

Phone: (813) 974-6537
Fax: (813) 974-6510
Email: gpicone@usf.edu

PERSONAL

Date of Birth: November 6, 1963
Place of Birth: Esperanza, Argentina
Marital Status: Married

EDUCATION

Vanderbilt University (Ph. D. Economics, 1993)
Title: A Semiparametric Estimator for the Multinomial Choice Model
Completed: December 1993
Principal Advisor: J. S. Butler

Universidad Nacional de Cordoba (B.A. Economics 1987)
Cordoba, Argentina

PROFESSIONAL EXPERIENCE

Professor (9/05-present)
Department of Economics
University of South Florida

Visiting Scholar (April 2005-June 2005)
Department of Economics
University of York
York, England

Associate Professor (9/99-8/05)
Department of Economics
University of South Florida

Assistant Professor (9/93-9/99)
Department of Economics
University of South Florida

Research and Teaching Assistant (9/88-9/93)
Department of Economics
Vanderbilt University

MEMBERSHIP of EDITORIAL BOARDS and SCIENTIFIC COMMITTEES

Academic Editor of PLOS One (2018-)

Member of the Scientific Committee of the “Ecole Nationale Supérieure de Statistique et d’Economie Appliquée” (ENSEA), Abidjan, Cote d’Ivoire. (2017-)

CONSULTING EXPERIENCE

Revenue Management Solution (2005 to 2009): Advice on deriving econometrics models to estimate price elasticities, site selection, and marketing strategies for the hospitality and retail industries.

TEACHING EXPERIENCE

Econometrics: I, II, III, IV

Health Economics: MBA, PhD

Price Theory

Managerial Economics: Undergraduate and MBA

Mathematical Economics

Ph. D. DISSERTATIONS

Mustafa Sagun, Department of Finance, University of South Florida, 1994

Josefa Ramoni, Department of Economics, University of South Florida, 2004

Barbara Gaylor, Department of Economics, University of South Florida, 2006, Chair

West Austin, Department of Economics, University of South Florida, 2006, Co-Chair

Aysegul Timur, Department of Economics, University of South Florida, 2006, Co-Chair

Chanvuth Sangchai, Department of Economics, University of South Florida, 2006

Taiwo Abimbola, Department of Economics, University of South Florida, 2007, Co-Chair

Robert Jones, Department of Economics, University of South Florida, 2007, Chair

Rui Dai, Department of Economics, University of South Florida, 2009, Chair

Finnie Cook, Department of Economics, University of South Florida, 2009, Chair

Joe McDougal, Department of Economics, University of South Florida 2011.

Stuart Hu, Department of Economics, University of South Florida, 2012.

Larry Kessler, Department of Economics, University of South Florida, 2013

Arseniy P. Yashkin, Department of Health Policy and Management, University of S Florida, 2013

Dan Zhao, Department of Economics, University of South Florida, 2013

Vijay Sivaraman, Department of Civil and Environmental Engineering, University of S Florida, 2013

Liza Pena, Department of Economics, University of South Florida, Co-Chair, 2014

Berna Colak, Department of Economics, University of South Florida, Co-Chair, 2014

Natallia Gray, Department of Economics, University of South Florida, Chair, 2014

Qing Wang, Department of Civil and Environmental Engineering, University of S Florida, 2014

Stacey Gelsheimer, Department of Economics, University of South Florida, Co-Chair, 2015

Anastasia Smith, Department of Economics, University of South Florida, Co-Chair, 2016

John Oryema, Department of Economics, University of South Florida, Co-Chair, 2016

Robyn Dhakal, Department of Economics, University of South Florida, Current

Youseff Fassi Fehri, Department of Economics, University of South Florida, 2016

Olga Petrova, Department of Economics, University of South Florida, Chair, 2017

Robyn Kibler, Department of Economics, University of South Florida, Chair, 2017

Nicole Schoenecker, Department of Economics, University of South Florida, Co-Chair, 2017

Roméo Boye, Université Felix Houphouët-Boigny (Cote d’Ivoire), Co-Chair, 2018

John Hartman, Department of Economics, University of South Florida, 2018

Lijuan Feng, Department of Economics, University of South Florida, Chair, 2018

Samaneh Ghadyani, Department of Economics, University of South Florida, Chair, current

Zahra Akbari, Department of Economics, University of South Florida, Chair, current
 Maysam Qadimi Rabbani, Department of Economics, University of South Florida, Chair, current
 Fréjus-Ferry Houndoga, ENSEA (Cote d'Ivoire), Chair, current

RESEARCH INTERST

Health Economics
 Applied Econometrics
 Econometric Theory
 Location decision of the firm
 Health and development

BOOKS

1. The Price of Smoking, 2004, MIT press (with F. Sloan, J. Ostermann, C. Conover, and D. Taylor)

ARTICLES

Articles in Economics Journals

1. "An Empirical Analysis of Entry and Location Decisions by Bars and Liquor Stores" with Yi Deng, Empirical Economics, 57(5) November 2019, 1751-1782.
2. "Evidence of Large-Scale Social Interactions in Mammography in the United States" with Natallia Gray, Atlantic Economic Journal, 46(4), December 2018, 441-457.
3. "Female managers, attitudes toward women and the gender pay gap: An empirical study of three Sub-Saharan countries," with Giulia La Mattina, Jose Carlos Kimou, and Alban Ahoure. Review of Development Economics, Vol. 22, No. 4 (November 2018), 1432-1460.
4. "Malaria prevalence, indoor residual spraying, and insecticide-treated net usage in Sub-Sahara Africa" with Robyn Kibler and Bénédicte Apouey, Journal of African Development, Vol 19 (2017), 19-32.
5. "Paludisme et anémie des enfants en Afrique subsaharienne : Effet de la distribution de moustiquaires" with Bénédicte Apouey, Joshua Wilde, Joseph Coleman, and Robyn Kibler. Revue Economique, Vol. 68 (2017), 163-197.
6. "Screening for a chronic disease: A multiple stage Duration Model with Partial Observability" with Tom Mroz, Arseniy P. Yashkin, and Frank Sloan. International Economic Review, Vol. 57, No. 3 (August 2016), 915-933.
7. "Social Interactions and Malaria Preventive Behaviors in Sub-Saharan Africa," with Benedicte Apouey. Health Economics, Vol. 23, No. 9, (September 2014), 994-1012.
8. "Has the European Union-Achieved a Single Pharmaceutical Market?" with Aysegul Timur and Jeff DeSimone. NBER WP 16261. International Journal of Health Care Finance and Economics, Vol. 11, No 4, (2011), 223-244.
9. "A Comparison of Treatment Effect Estimators Using Severity of Illness Information from Hospital Charts," with Ahmed Khwaja, Martin Salm, and Justin Trogon. Journal of Applied Econometrics, Vol. 26, No. 5, (August 2011), 825-853.

10. "The Effects of Residential Proximity to Bars on Alcohol Consumption" with Frank Sloan, Joe MacDougal, Alyssa Platt, and Stefan Kertesz. International Journal of Health Care Finance and Economics, Vol. 10 (2010):347-367.
11. "Distance Decrease with Differentiation: Strategic Clustering by Retailers," with David Ridley and Paul Zandbergen. International Journal of Industrial Organization, Vol. 27, No. 3, (2009), 463-473.
12. "The Effect of the Tobacco Settlement and Smoking Bans on Alcohol Consumption," with Frank Sloan and Justin Trogon. Health Economics, Vol. 13 (August 2004), 1063-1080.
13. "Do Routine Eye Exams Improve Vision?" with Frank Sloan and Derek Brown. International Journal of Health Care Finance and Economics. Vol. 4, No. 1 (March 2004), 43-63.
14. "Effects of Risk and Time Preference and Expected Longevity on Demand for Medical Tests", with Frank Sloan and Don Taylor. Journal of Risk and Uncertainty. Vol. 28, No. 1. (January 2004), 39-53.
15. "Analysis of Hospital Length of Stay and Discharge Destination Using Hazard Functions with Unmeasured Heterogeneity", with Mark Wilson and Shin-Yi Chou. Health Economics, Vol. 12, (December 2003), 1021-1034.
16. "Does High Hospital Cost Imply Higher Quality of Care", with Frank Sloan, Don Taylor and Shin-Yi Chou, Review of Economics and Statistics, Vol. 85, No. 1, (February 2003), 51-62.
17. "Are For-Profit Hospital Conversions Harmful to patients and Medicare?", with Shin-Yi Chou and Frank Sloan, Rand Journal of Economics, Vol. 33, No.3, (Autumn 2002), 507-523.
18. "Hospital Ownership and Cost Quality of Care: Is There a Dime's Worth of Difference?", with Frank Sloan, Don Taylor and Shin-Yi Chou, Journal of Health Economics, Vol. 20, No. 1, (January 2001), 1-21.
19. "Semiparametric Estimation of Multiple Equations Models", with J.S. Butler, Econometric Theory, Vol. 16, No. 4, (August 2000), 551-575.
20. "Fast Food and Unnatural Experiments: Another Perspective on the New Jersey Minimum Wage", with Don Bellante, Journal of Labor Research, Vol. 20, No. 4, (Fall 1999), 463-477.
21. "The Effect of Uncertainty on the Demand for Medical Care, Health Capital and Wealth," with Martin Uribe and Mark Wilson, Journal of Health Economics Vol. 17, No. 2, (April 1998), 171-185.
22. "The Supply of Children's Time to Disabled Elderly Parents", with F. Sloan and T. Hoerger, Economic Inquiry XXXV, No. 2, (April 1997), 295-308.
23. "Public Subsidies, Private Provision of Care and Living Arrangements of the Elderly", with F. Sloan and T. Hoerger, Review of Economics and Statistics LXXVIII, No. 3, (August 1996), 428-440.

Articles in Health Journals

24. "The Impact of Debt Relief on Under Five Mortality in Sub-Saharan Africa" with John Oryema and Kwabena Gyimah-Brempong. Global Public Health, Vol. 12 (Feb. 2017), 795-807.
25. "The Effect of the 2009 U.S. Preventive Services Task Force Breast Cancer Screening Recommendations on Mammography Rates" with Natallia Gray. Health Service Research, Vol. 51, No. 4 (August 2016).

26. "Causes of the Change in the Rates of Mortality and Severe Complications of Diabetes Mellitus, Type 2: 1992 – 2012" with Arseniy P. Yashkin, and Frank Sloan. Medical Care, Vol. 53, No. 3 (March 2015), 268-275.
27. "Effects of BMI on the Onset of Diabetes and Complications" with Natallia Gray, Arseniy P. Yashkin, and Frank Sloan. Southern Medical Journal, Vol. 108, No. 1 (January 2015), 29-36.
28. "Pharmaceutical Price Differences in the EU: cardiovascular disease drugs," with Aysegul Timur. Expert Review of Pharmacoeconomics & Outcomes Research, Vol. 9(3): 251-256 (June 2009).
29. "Longitudinal Analysis of the Relationship between Regular Eye Examinations and Changes in Visual and Functional Status," with Frank Sloan, Derek Brown and Paul Lee. Journal of the American Geriatric Society, Vol. 53(11): 1867-1874 (November 2005).
30. "Monitoring Visual Status: Why patients do or do not comply with practice guidelines," with Frank Sloan, Derek Brown, Emily Carlisle, and Paul Lee. Health Service Research, Vol. 39, No. 5 (October 2004), 1429-1438.
31. "Medicare Home Health Agency Utilization, 1984-1994", with Mark Wilson, Inquiry, Vol. 36, No. 3, (Fall 1999), 291-303.
32. "Cost and Outcomes of Stroke and Hip Fracture, 1984-95: Doing Better for Less?," with Frank Sloan and Donald Taylor, American Journal of Public Health, Vol. 89, No. 6, (June 1999), 935-937.

Articles in Edited Books

33. "Economics of Malaria Prevention" with Bénédicte Apouey and Josh Wilde, in Oxford Research Encyclopedia of Economics and Finance, Oxford University Press USA, 2018.
34. "Smoking Cessation and Lifestyle Changes" with Frank Sloan, in David Cutler and Alan Garber (ed) NBER Frontiers in Health Policy Research Vol. 6, MIT Press, (June 2003).
35. "Is Rehabilitation Following an Acute Hospital Stay Productive? Evidence from Elderly Patients in the United States", with Frank Sloan, Don Taylor and Mark Wilson, in Chee-Ruey Hsieh and Tech-Wei Hu (ed.) The Economics of Health Care in Asia-Pacific Countries, Edward Elgar Publishing, May 2002.
36. "How Costly Are Smokers To Medicare?", with Frank Sloan, in Hans Mager, Henry Schafer, and Klaus Schrufer (ed.) Private Versicherung und Soziale Sicherung, Festschrift zum 60. Geburtstag von Roland Eisen, Metropolis-Verlag Press, March 2001.
37. "How Costly Are Smokers To Other People? Longitudinal Evidence on the Near Elderly", with Frank Sloan, in Alan Garber (ed.) NBER Frontiers in Health Policy Research Vol. 4, MIT Press, 2001.
38. "Does Where You are Admitted Make a Difference? An Analysis of Medicare Data", with Frank Sloan, Don Taylor and Shin-Yi Chou, in Alan Garber (ed.) NBER Frontiers in Health Policy Research Vol. 2, MIT Press, December 1999.
39. "Logically Inconsistent Simultaneous Limited Dependent Variables", with J. S. Butler, in Lazlo Matyas (ed.) Generalized Method of Moments Estimation, (Cambridge; New York: Cambridge University Press), 1999.
40. "Effects of Strategic Behavior and Public Subsidies on Families' Savings and Long Term Care Decisions", with F. Sloan and T. Hoerger, in Roland Eisen and Frank Sloan (eds.), Long Term Care: Issues, Facts, and Solutions. (Boston, Dordrecht, London: Kluwer Academic Publishers), November 1996.

BOOK REVIEWS

1. "Social Re Insurance. A new approach to sustainable community health financing" edited by Dror DM and Preker AS (International Labour Office and the World Bank, 2002), Journal of Epidemiology and Community Health, Vol. 58, (July 2004), 627b.

WORKING PAPERS

1. "Infant Mortality, Fertility, and Malaria: The Effect of Mosquito Net Distribution in sub-Saharan Africa" with Josh Wilde, Bénédicte Apouey, and Joe Coleman.

CONFERENCE PRESENTATIONS

1. "Effects of Strategic Behavior and Public Subsidies on families' Saving and Long Term Care Decisions", (With F. Sloan and T. Hoerger). Presented at the Health Care sessions of the Summer Institute (NBER), Cambridge, July 1992.
2. "Medicare Home Health Utilization, 1989-1994". Presented at the "Prevention and Long Term Care" session of the American Public Health Association Meeting, Indianapolis, November 1997.
3. "Does Where You are Admitted Make a Difference? An Analysis of Medicare Data", with Frank Sloan, and Shin-Yi Chou. Presented at NBER Frontiers in Health Policy Research Conference, Bethesda, June 1998.
4. "Treatment Intensity and Health Outcomes for Hip Fracture and Stroke", (with Frank Sloan and Shin-Yi Chou) Presented at the Health Care sessions of the Summer Institute (NBER), Cambridge, July 1998.
5. "Substitution Among Hospital Length-of-Stay and Post Hospital Care for Medicare Beneficiaries, 1984-1995", Presented at the Southern Economics Association Meetings, Baltimore, November, 1998.
6. "Treatment Intensity and Health Outcomes", Presented at the Allied Social Science Associations Meetings, New York, January 1999.
7. "How Costly Are Smokers To Other People? Longitudinal Evidence on the Near Elderly", with Frank Sloan. Presented at NBER Frontiers in Health Policy Research Conference, Arlington, June 2000.
8. "Are For-Profit Hospital Conversions Harmful to patients and Medicare?". Presented at the University of North Carolina- Greensboro, September 2000.
9. "Are For-Profit Hospital Conversions Harmful to patients and Medicare?". Presented at the International Health Economic Association Third International Conference, York (United Kingdom), July 2001.
10. "Agency problems and moral hazard in Argentina's medical care system". Presented at the International Health Economic Association Third International Conference, York (United Kingdom), July 2001.

11. "Effects of Risk and Time Preference and Expected Longevity on Demand for Medical Tests" Presented at Triangle Health Economic Seminar, Chapel Hill, North Carolina, September 2001.
12. "Smoking Cessation and Lifestyle Changes." Presented at the Center for Policy Research, Maxwell School of Citizenship and Public Affairs, Syracuse University, Syracuse, New York, February 2002.
13. "Smoking Cessation and Lifestyle Changes." Presented at NBER Frontiers in Health Policy Research Conference, Bethesda MD, June 2002.
14. "Es me Mejor Prevenir que Curar? Presented at the XII meetings of the AES, Mendoza, Argentina, April 2003.
15. "Do Routine Eye Exams Improve Vision?" Presented at the International Health Economic Association Fourth International Conference, San Francisco, June 2003.
16. "The Effect of the Tobacco Settlement and Smoking Bans on Alcohol Consumption," Presented at the 12th European Workshop on Econometrics and Health Economics, Menorca, Spain, September 2003.
17. "Hospital Volume and Quality of Care: Selective-referral or Practice-makes-perfect?," Presented at the Latin American Meetings of the Econometric Society, Santiago, Chile, July 2004.
18. "GMM Estimators, Instruments, and the Economics of Addiction." Presented at The Economics of Addiction Workshop at the Universitat Pompeu Fabra, Barcelona, May 2005.
19. "Hospital Volume and Quality of Care: Selective-referral or Practice-makes-perfect?," Presented at the International Health Economics Association, Barcelona, July 2005.
20. "An empirical analysis of spatial clustering and product differentiation for alcohol establishments" Presented at Lehigh University research seminar, October of 2006.
21. "A Comparison of Treatment Effect Estimators Using Severity of Illness Information from Hospital Charts," Presented at the University of Lausanne, Switzerland, June 2008.
22. "Alcohol Retailer Density and Neighborhood Racial Composition: The Role of Demand and Regulation" Presented at the 2nd Biennial Conference of the American Society of Health Economists (ASHE), June 2008.
23. "Screening for a chronic disease: A multiple stage Duration Model with Partial Observability." Presented at the University of Florida (March 2009), University of Alabama at Birmingham (January 2010), and the 20th European Workshop on Econometrics and Health Economics (York, England, 2011).
24. "Social Interactions and Malaria Preventive Behaviors in Sub-Saharan Africa." Presented at the Southern Economics Association Meetings (Tampa, November, 2013).
25. "Infant Mortality, Fertility, and Malaria: The Effect of Mosquito Net Distribution in sub-Saharan Africa" Presented at the Southern Economics Association Meetings (Tampa, November, 2013) and CSAE Conference (Oxford, England March 2014).
26. "Determinants and Prevention of Low Birth Weight in sub-Saharan Africa: The Effects of Bed Net Distribution" Presented at Health in Africa and the Post-2015 Millenium Development Agenda: A Three Day Symposium (Champaign, May 2015)

27. "The effects of early diagnosis of diabetes and drug management on complications of the eyes using a dynamic model" Presented at the International Health Economics Association, Milan, (July 2015) and the Southern Economics Association Meetings (New Orleans, November, 2015).
28. "Female managers, attitudes toward women and the gender pay gap: An empirical study of three Sub-Saharan countries" Presented at UNU-WIDER Gender and Development – Workshop (Helsinki, Finland, October 2016).
29. "Do you see what "eye" see? Exploring visual attention and rational choice on food purchasing decisions among WIC participants" Presented at the Southern Economics Association Meetings (Tampa, November, 2017)
30. "Infant Mortality, Fertility, and Malaria: The Effect of Mosquito Net Distribution in sub-Saharan Africa" Presented at the CSAE Conference (Oxford, England March 2018).

GRANTS

U.S.F.'s Research and Creative Scholarship Program, Summer 1995
Title: A Nonparametric Analysis of Treatment Decisions of Elderly People after a Stroke or Hip Fracture.

U.S.F. Institute on Aging Pilot Research Program, Summer 1996
Title: The Effect of Uncertain Future Chronic Shocks on the Demand for Medical Care.

National Institute on Aging (2R01-AG-09468-04A1), Co-Investigator (Frank Sloan – Principal Investigator), 1996-1999
Title: Effect of Public Subsidies on Use of Long Term Care.

U.S.F.'s Research and Creative Scholarship Program, Summer 1998
Title: The Effect of Medicare Home Health Benefits on Long-Term Care Decisions of the Elderly.

National Institute on Aging (1R01-AG-16816), Consultant (Frank Sloan – Principal Investigator), 1999-2002.
Title: The Private and Social Cost of Smoking.

NIAAA (R01-AA12162), Consultant (Frank Sloan – Principal Investigator), 1999-2002.
Title: Determinants and Cost of Alcohol abuse among the elderly.

National Institute on Aging (1R01-AG-15868), Consultant (Donald Taylor – Principal Investigator), 2000-2001.
Title: Perception of Risk and Behavior among the Elderly.

National Institute on Aging (1R01-AG-17473), Consultant (Frank Sloan – Principal Investigator), 2001-2004.
Title: Visual Impairment, Treatment, and Effects on the Elderly.

Agency for Healthcare Research and Quality (1R03-HS013386-01A1), Principal Investigator, 2003-2004.
Title: Hospital Volume and Quality of Care

National Science Foundation (SES-0519001), 2005, PI
Doctoral Dissertation Research in Economics: project advisor for Barbara J. Caldwell
Title: Certificate-of-Need Regulation in the Nursing Home Industry: Has It Outlived Its Usefulness?

National Institute on Alcohol Abuse and Alcoholism (R01 AA012162), Co-PI
2005-2009.
Title: Determinants and Consequences of Alcohol Consumption.

National Institute on Aging, Co-principal Investigator (06-SC-NIH-1015), PI 2005-2009.
Title: Visual Impairment, Treatment, and the Effects on the Elderly.

National Institute on Aging, Principal Investigator (Sub Award 11-NIH-1036), PI 2010-2013.
Title: Visual Impairment, Treatment, and the Effects on the Elderly.

University of South Florida, Global Academic Partners, Summer 2010.
Title: The Economic Costs and Benefits of Malaria Prevention in Ghana.

Fogarty International Center (R03 TW009108-01), PI 2011-2013.
Title: Social Interactions and Malaria Preventive Behaviors in Sub-Saharan Africa.

The Duke-UNC USDA Center for Behavioral Economics and Healthy Food Choice Research (BECR Center), 2015 Healthy Food Behavior Research Grants
Title: Do you see what “eye” see? Exploring visual attention and rational choice on food purchasing decisions among WIC participants

UNU-WIDER Gender and Development Project, 2016
Title: “Female managers, attitudes toward women and the gender wage-gap: An empirical study of three Sub-Saharan countries”

US Agency for International Development Health Finance and Government Project (SA:48803), Consultant, 2017-2018
Title: Modeling Study on Financing HIV Care and its Economic Impact in Cote d’Ivoire

African Economic Research Consortium (AERC), Health Care Financing in Africa – Country Case Studies (HCF-CCS Project), 2018-2019
Title: Should Côte d’Ivoire provide universal health coverage to smallholders?

AWARDS

Teaching Incentive Program (TIP) Award, 1996.
Graduate Business Association's Outstanding Professor of Economics, 2000.
President's Award for Faculty Excellence, 2003.
College of Business Research Award, 2003
College of Business Research Award, 2005

REFEREE

American Economic Review (2), *Journal of Political Economy*, *Social Science and Medicine* (2), *Health Economics* (9), *Journal of Human Resources*, *Journal of Health Economics* (6), *Review of Economics and Statistics*, *Journal of Economics Business and Statistics*, *Health Economics*

Letters, National Science Foundation (3), National Institute on Aging, Journal of Population Economics, Economic Journal, Canadian Journal of Economics, Economic Inquiry(2).

September 2020

Thomas J. Carter
University of South Florida
Economics Department
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St. Petersburg, FL 33701
(727) 873-4893 (Office)
(727) 866-3985 (Home)
cartert@mail.usf.edu

Education:

Ph.D. University of Wisconsin at Madison, Economics, 1987.
Fields: International Economics, Economic Theory
M.A. University of Wisconsin at Madison, Economics, 1983.
B.S. University of Illinois at Urbana-Champaign, Economics, 1980.

Professional experience:

2006 - Present	Professor, University of South Florida St. Petersburg
2007 – 2010, 2014 – 2016, 2020 – present	Economics Coordinator
2003 - 2006	Associate Professor, University of South Florida St. Petersburg
1999 - 2003	Professor, Oklahoma City University
2000 - 2002	Chair, Department of Economics and Finance
1999 - 2000	Economics Coordinator
1994 - 1999	Associate Professor, Oklahoma City University
1987 - 1994	Assistant Professor, University of Oklahoma
1985 - 1987	Acting Assistant Professor, University of Oklahoma

Current research interests:

International Economics--International factor movements, especially undocumented immigration and its effects on the host country labor markets

Labor Economics—Delayed job training, matching, unemployment, and policies

Publications, under review (sole authored unless noted):

“Delayed Firm-Paid General Training,” second requested revision is under review at the *Southern Economic Journal*.

“Economic Theory and the Euro Crisis,” *Business Journal for Entrepreneurs* 2020(1), Spring 2020.

“Real Effects of Money in the Dynamic Shapiro-Stiglitz Model,” *Business Journal for Entrepreneurs* 2016(1), Spring 2016.

“Tax-Based Incomes Policies in Efficiency Wage Models,” *Franklin Business and Law Journal* 2016(1), Spring 2016.

“Labor Market Dynamics: Wages, Unemployment, and Shirking,” *Business Journal for Entrepreneurs* 2015(2), Summer 2015.

“The Economics of On-the-Job Training: A Century of Debate,” *Business Journal for Entrepreneurs* 2013(2), Summer 2013.

“Training and turnover with equilibrium unemployment,” *B. E. Journal of Economic Analysis & Policy* 11(1), December 2011.

“Minimum Wage Laws: The Role of Worker Efficiency,” *Business Journal for Entrepreneurs* 2010(4), Fall 2010.

“Undocumented Immigration and Host-Country Welfare: Competition Across Segmented Labor Markets,” *Journal of Regional Science* 45(4), November 2005.

“Monetary Policy, Efficiency Wages, and Nominal Wage Rigidities,” *Eastern Economic Journal* 31(3), Summer 2005.

“Money and Efficiency Wages: The Neglected Effect of Employment on Efficiency,” *Journal of Socio-Economics* (formerly the *Journal of Behavioral Economics*) 34(2), March 2005.

- "Illegal Immigration in an Efficiency Wage Model," *Journal of International Economics* 49(2), December 1999.
- "The Effects of Taxes on Labour in Efficiency Wage Models: A Comment," *Journal of Public Economics* 72(2), May 1999.
- "Are Wages Too Low? Empirical Implications of Efficiency Wage Models," *Southern Economic Journal* 65(3), January 1999.
- "Minimum Wage Laws: What Does an Employment Increase Imply About Output and Welfare?" *Journal of Economic Behavior and Organization* 36(4), December 1998.
- "Urban Productivity, Urban Unemployment, and Labor Market Policies," *Regional Science and Urban Economics* 28(3), May 1998.
- "Policies in a Two-Sector Efficiency Wage Model: Substituting Good Jobs for Bad," *Journal of Post Keynesian Economics* 20(3), Spring 1998.
- "Just, Unjust, and Just-Cause Dismissals," *Journal of Macroeconomics* 19(3), Summer 1997 (with Paul R. De Lancey).
- Book Review of *Human Capital, Employment and Bargaining* by Robert A. Hart and Thomas Moutos, *Journal of Institutional and Theoretical Economics* [Zeitschrift für die gesamte Staatswissenschaft] 152(3), September 1996.
- "Central Bank Cooperation in Foreign Exchange Markets: An Empirical Test," *Atlantic Economic Journal* 24(3), September 1996 (with Paul R. De Lancey).
- "Efficiency Wages: Employment Versus Welfare," *Southern Economic Journal* 62(1), July 1995.
- "Minimum Wage Laws that Reduce Labor Costs," *Atlantic Economic Journal* 23(2), June 1995.

"Distortions and Policies when Labor Turnover is Costly," *Journal of Institutional and Theoretical Economics* [Zeitschrift für die gesamte Staatswissenschaft] 149(3), September 1993.

"Efficiency Wages and International Factor Mobility," *International Economic Journal* 7(1), Spring 1993.

"Technological Progress and Wages in International Trade: A Generalization of Three Popular Models," *Atlantic Economic Journal* 20(4), December 1992.

"Labor Subsidies and Just-Cause Employment Laws in an Efficiency Wage Model," *Southern Economic Journal* 59(1), July 1992.

Refereeing:

Served as a referee over 50 times for
American Economic Review
Journal of Public Economics
Journal of Money, Credit, and Banking
Journal of Economic Behavior and Organization
Canadian Journal of Economics
Journal of Comparative Economics
Southern Economic Journal
Journal of Economics [Zeitschrift für Nationalökonomie]
Journal of Institutional and Theoretical Economics
Journal of Macroeconomics
Scottish Journal of Political Economy
Journal of Regional Science
and others.

University service, Fall 2019 to present:

2019-2020 academic year:

USF St. Petersburg Graduate Council (co-Chair)
USF St. Petersburg Tenure and Promotion Committee
USFSP College of Business Annual Review and Awards Committee
USFSP College of Business Tenure and Promotion Committee

Summer 2020: USF Economics Dept. By-laws Committee

Summer 2020 – present: Coordinator, USF St. Petersburg Economics

Courses taught:

Undergraduate:

- International Trade
- International Macroeconomics
- Intermediate Macroeconomics
- Money and Banking
- Public Finance
- Economics and the Quality of Life
- Principles of Macroeconomics (including Honors sections)
- Principles of Microeconomics (including Honors sections)
- several directed readings courses.

Graduate:

- International Trade
- International Finance
- International Economic Issues
- The World Economy and International Business
- Managerial Economics
- Economics in Business
- served on several Ph.D. dissertation committees
- several directed readings courses and honors theses

For International Trade and International Finance, economics Ph.D. students made up some sections, others, such as international relations or business majors, made up others. The other graduate courses were for M.B.A. students. I taught Managerial Econ. in the United Kingdom and within Oklahoma.

Rebecca Lee Harris, Ph.D.

Instructor of Economics II

EDUCATION:

- May 2000 Ph.D. in Economics, The George Washington University, Washington, DC. Course work includes Public Finance, International Economics, Economics of Development and Econometrics.
- Dissertation Title: "Agricultural Policy Reform in Mexico: A Computable General Equilibrium Analysis"
 - Recipient of Hsieh Prize in Economics
 - University Teaching Fellowship, 1993-1997
- May 1996 M. Phil. in Economics, The George Washington University, Washington, DC.
- 1986-1990 B.A. in Economics, *magna cum laude*, Georgetown University, Washington, DC.
- Member of Phi Beta Kappa and Jesuit National Honors Society

PROFESSIONAL EXPERIENCE:

- Summer 2011 to present University of South Florida St. Petersburg, College of Business, Visiting Research Associate/
Instructor of Economics
- Research and grant identification, writing and administration
 - Co-Lead on Initiative on Women in Leadership
 - Teach Principles of Microeconomics; Principles of Macroeconomics; Environmental Economics; International Economics; International Macroeconomics; Public Finance; Managerial Analysis (MBA); Economic Development; Economics of Women & Work; Economics of Women, Men & Work (MBA)
- Jan. 2002 to July 2011 Dr. Kiran C. Patel Center for Global Solutions (formerly Globalization Research Center), University of South Florida, Tampa, FL.
Assistant Academic Director/Research Director.
- Facilitate research on globalization issues: identify researchers; connect researchers within University and in other institutions; design applied research projects; seek funding sources; assist in grant writing; identify University and community needs.
 - Promote awareness of globalization issues: organize speakers series and conferences; assist in building globalization curriculum proposals at USF and in Tampa high schools; serve as liaison to Tampa Bay community.
 - Plan and administer externally funded projects, including staff recruitment, budget management, final reporting, for both private and public grants
- Sept. 1997 to Jan. 2002 International Food Policy Research Institute, Washington, DC.
Post-Doctoral Fellow/Research Analyst in Trade and Macroeconomics Division.
- Build and maintain computable general equilibrium model of Mexico, for use in agricultural and trade policy analysis, social policy reform analysis and environmental impact assessment.
 - Perform research, writing, editing, data collection, data maintenance and programming activities, with focus on Latin American economics.
- Sept. 2000 to July 2004 Economics Department, The University of South Florida, Tampa, FL.
Adjunct Instructor of Environmental Economics, Principles of Microeconomics.
- Sept. 1993 Economics Department, The George Washington University, Washington, DC.

- to May 2000
- Graduate Teaching Assistant - Conduct Discussion Sections for Principles of Economics classes, including preparing lectures, writing quizzes and problem sets, grading exams. Grade exams for intermediate economics classes.
 - Instructor of *International Trade Theory*, Fall 1997, *Principles of Macroeconomics*, Summer 1997, Summer 1996, *Applications to Microeconomic Theory*, Fall 1996. Co-instructor, Spring 2000, *General Equilibrium Models for Policy Analysis*.
- Oct. 1996
to Oct. 1997
- The Brookings Institution, Washington, DC.
Research Assistant in Foreign Policy Studies Program.
Provide research support to scholar working in Latin American economics, including: compiling, analyzing and presenting data, performing econometric analysis, editing publications, reviewing literature.
- Feb. 1993 -
Oct. 1996
- U.S. Agency for International Development, Washington, DC.
Research Assistant in Bureau for Latin America and the Caribbean.
Specialize in free trade initiatives in the Americas; financial markets; and rural development. Create and maintain data bases; perform literature reviews; provide technical support for Project Advisors and USAID Field Missions.

PUBLICATIONS:

- Harris, R.L. & Rosenthal, E. (2018) "Environmental Sustainability and the Nexus of Economic Principles and Jewish Thought." *Ethics & Economics*, 15(2), 46-61.
- Harris, R.L. & Dieringer, S. (2017) "The economic impact of rezoning to increase tourism." *Tourism*, 65(1), 103-114.
- Harris, R.L. & Ebrahimpour, M. (2015). "Including genocide in corporate social responsibility," *Proceedings from Decision Science Institute Annual Meeting*.
- Harris, R.L. & Ebrahimpour, M. (2015). "On Teaching Genocide to Business Students," *Global Education Journal* (3), 68-80.
- Amen, M. & Harris, R.L. (2009) "Human-Ecosystem Interdependence in Coastal Cities," in *Management of Environmental Quality*, 20:4:1-10.
- Harris, R.L. ed. (2006). *Globalization and Sustainable Development: Issues and Applications*. USF Dr. Kiran C. Patel Center for Global Solutions.
- Coady, D.P. & Harris, R.L. (2004). Evaluating Transfer Programmes within a General Equilibrium Framework, *Economic Journal* (vol. 114, no. 498), with David P. Coady (October 2004).
- "A Standard Computable General Equilibrium (CGE) Model in GAMS." (2002). Microcomputers in Policy Research 5. International Food Policy Research Institute, with Hans Lofgren and Sherman Robinson, with the assistance of Marcelle Thomas and Moataz El Said.
- "Private Capital Flows to the Andean Region," *The Andean Community and the United States: Trade and Investment Relations in the 1990s*. Organization of American States (1998), with Jorge Daly.
- "Estimating Income Mobility in Colombia Using Maximum Entropy Econometrics," Trade and Macroeconomics Division Policy Paper No. 26. International Food Policy Research Institute (May 1998), with Samuel Morley and Sherman Robinson.

Financial Markets in Latin America and the Caribbean. U.S. Agency for International Development (1995), with Jorge Daly and David Tacker.

GRANT AWARDS

“Land Use Mix for Fiscal Sustainability in Beachfront Communities,” Land Economics Foundation, May 2016, \$21,061. Principal Investigator.

“Economic Analysis of Proposed Planned Development Zoning District in Treasure Island,” City of Treasure Island, December 2014, \$4,016. Principal Investigator.

“Group Study Visit to Germany,” German Academic Exchange Service (DAAD), May 2014. \$8,300. Prepared submission.

“Leading in a Civilian Context: A Socially Responsible MBA for Returning Veterans,” Graduate Management Admissions Council, April 2012, \$409,500. Prepared submission and Project Manager.

“Export Markets for Alternative Energy: Preparing Small Business Enterprises, Faculty and Students for a Global Green Energy Future,” U.S. Department of Education, Business and International Education, July 2009, \$100,000. Prepared submission and Co-Principal Investigator with Mark Amen.

“Interactive Teaching in a Globalizing World,” The Teaching Excellence and Achievement Program, The International Research & Exchange Board, December 2009, \$176,000. Prepared submission and managed.

“Toward Democracy and Diversity: Increasing the Content Knowledge and Pedagogical Skills of Caribbean Social Studies Educators,” U.S. Department of State, Bureau of Educational and Cultural Affairs, August 2008, \$371,050. Prepared submission and managed.

“The Global Schools Project,” The Arthur Vining Davis Foundations, \$125,480. April 2005. Prepared submission and managed.

UNIVERSITY SERVICE

KTCOB Women and Leadership Initiative, co-Leader (Spring 2017 – present)
University Scholarship Review committee (Fall 2018 – present)
Faculty Development Committee (Fall 2017 – Spring 2020)
Beta Gamma Sigma, Faculty Advisor (Fall 2015 – Spring 2020)
Undergraduate Curricula and Assessment Committee, Member, (Fall 2014 – Spring 2017, Fall 2018 – Spring 2020)
MBA Students’ Faculty Advisor (Spring 2016 – Spring 2018)
Center for Science, Policy and Coastal Environments (C-SPACE), Board Member (Fall 2012 – Fall 2016)
Green Energy Living Systems (GELS), Board member (Fall 2013 – Spring 2015)
Student Environmental Awareness Society (SEAS), Faculty Advisor, (Spring 2014- Fall 2015)

CIVIC LEADERSHIP:

Summer 2019
to Present

Phi Beta Kappa Alumni Association of Tampa Bay.
Board member.

May 2009
to present

Temple Beth-El, St. Petersburg, FL.
Member, Board of Directors (May 2010-present); Adult Hebrew Instructor (volunteer),
Sept. 2013-present; Student Tutor (volunteer), Aug. 2014 – Present; Chair, Search
Committee for Religious School Director, Spring 2015; Vice President of Board of
Directors (May 2012 – Aug. 2014); Chairperson, Social Action Committee (May 2009-
May 2013); Rabbinic Corps (May 2016-present).

June 2003
to May 2010

Hillels of the Florida Suncoast, Tampa, FL
Member, Board of Directors; President of the Board, 2005-2008

MICHAEL LOEWY

Curriculum Vitae

September 2020

Office Address and Telephone

Department of Economics
University of South Florida
CMC342
Tampa, FL 33620-5700
(813) 974-6532; fax (813) 974-6510
e-mail: mloewy@usf.edu

Education:

Degree	Field	Institution	Year
Ph.D.	Economics	University of Minnesota, Twin Cities	1986
B.A.	Economics	University of California, San Diego	1979

Experience

1998-	Associate Professor of Economics; University of South Florida, Tampa, FL
1997-98	Visiting Assistant Professor of Economics; Iowa State University, Ames, IA
1990-97	Assistant Professor of Economics; University of Houston, Houston, TX
1984-90	Assistant Professor of Economics; The George Washington University, Washington, DC

Professional Affiliations

Visiting Scholar, Federal Reserve Bank of Atlanta
American Economic Association

Refereed Publications

- "Optimal Tariffs, Optimal Taxes, and Economic Development," *Journal of International Trade and Economic Development*, December 2004, 13(4), pp. 461-486.
- "Trade and the Neoclassical Growth Model," *Journal of Economic Integration*, March 2003, 18(1), pp. 1-16 (with Dan Ben-David).
- "To Furnish an Elastic Currency': Banking, Aggregate Risk, and Welfare." *Topics in Macroeconomics*, 2003, 3(1), Article 3. (<http://www.bepress.com/bejm/topics/vol3/iss1/art3>)
- "Knowledge Dissemination, Capital Accumulation, Trade, and Endogenous Growth." *Oxford Economic Papers*, October 2000, 52(4), pp. 637-650 (with Dan Ben-David).
- "Information-Based Bank Runs in a Monetary Economy." *Journal of Macroeconomics*, Fall 1998, 20(4), pp. 681-702.
- "Free Trade, Growth, and Convergence." *Journal of Economic Growth*, June 1998, 3(2), pp. 143-70 (with Dan Ben-David). [Reprinted in H. Singer, N. Hatti and R. Tandon (eds.), *Trade and Growth: Models and Methods*, Delhi: B.R. Publishing Co., 2002, pp. 1483-522.]
- "Are U.S. Regional Incomes Converging? Some Further Evidence." *Journal of Monetary Economics*, December 1996, 38(3), pp. 587-98 (with David Papell).
- "Equilibrium Policy with Dynamically Naive Agents." *Journal of Macroeconomics*, Spring 1995, 17(2), pp. 319-31.

- "The Macroeconomic Effects of Bank Runs: An Equilibrium Analysis." *Journal of Financial Intermediation*, June 1991, 1(3), pp. 242-56.
- "Equilibrium Policy in an Overlapping Generations Economy." *Journal of Monetary Economics*, November 1988, 22(3), pp. 485-99.
- "The Incompatibility of Valued Money and Equilibrium Policy." *Economics Letters*, 1988, 28(2), pp. 157-61.
- "Reaganomics and Reputation Revisited." *Economic Inquiry*, April 1988, 26(2), pp. 253-63.

Other Publications

- "Free Trade," in A. Kuper and J. Kuper (eds.), *The Social Science Encyclopedia*, 3e, London: Routledge, 2004, pp. 386-88.
- "Tariffs, Taxes, Government, and Growth," in L.A. Finley (ed.), *Perspectives on Economic Growth*, Hauppauge, NY: Nova Science Publishers, 2006, pp. 193-219. [Reprinted in T. B. Caldwell (ed.), *Taxation: 21st Century Issues and Challenges*, Hauppauge, NY: Nova Science Publishers, 2008, pp. 1-27.]

Courses Taught

Undergraduate

ECO 2013	Principles of Economics (Macro)
ECO 3203	Intermediate Macroeconomics
ECO 3622	American Economic History
ECO 4201	Advanced Macroeconomic Theory
ECO 4270	Economic Growth
ECO 4713	International Macroeconomics

Graduate

ECO 6206	Macroeconomics I
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Grants and Honors

2001	Faculty International Travel Grant; University of South Florida
2000	Research and Creative Scholarship Grant; University of South Florida
1987	Junior Scholar Incentive Award; The George Washington University.
1986	Research Grant; University Facilitating Fund of The George Washington University.
1981-83	H.B. Earhart-Graduate Fellowship; H.B. Earhart Foundation, Ann Arbor, MI
1981	W.W. Heller Outstanding Teaching Award; Department of Economics, University of Minnesota.
1979	Phi Beta Kappa; University of California, San Diego.

University and Professional Service

2019-20	Member, USF Department of Economics Associate Professor Search Committee
2019-20	Member, USF Department of Economics G&E Committee
2018-19	Chair, USF Department of Economics Macroeconomics Recruiting Committee
2016-18	Member USF Department of Economics G&E Committee (chair, 2017-18)
2016-18	Member, CAS Instructor Promotion Committee
2015-	Member, USF Department of Economics Graduate Policy Committee
2015-	MA Program Director, USF Department of Economics
2010-11	Member, USF Department of Economics Macroeconomics Recruiting Committee
2010-11	Chair, CAS School of Social Sciences Graduate Committee
2010-11	Member, CAS Graduate Committee

2010-13	Reader, Doctoral Committee of B. Nikolaev, USF Department of Economics
2009-11	Reader, Doctoral Committee of J. MacDougald, USF Department of Economics
2005-08	Reader, Doctoral Committee of L. Bryant, USF Department of Finance
2004-2014	Graduate Programs Coordinator (MA and PhD), USF Department of Economics
2004-2014	Chair, USF Department of Economics Graduate Policy Committee
2004-10	Member, COB Doctoral Program Committee
2002-03	Chair, USF Department of Economics Research Committee
2001-04	Member USF Department of Economics Undergraduate Policy Committee
2000-01	Chair, USF Department of Economics Research Committee
2000-01	Member, USF COB Computer Facilities Committee

DIOGO BAERLOCHER

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baerlocher@usf.edu

Department of Economics
University of South Florida
4202 E. Fowler Avenue, CMC207D
Tampa, Florida – 33620

POSITIONS:

University of South Florida – Assistant professor of economics, 2019-present

EDUCATION:

Ph.D. Economics, University of Illinois at Urbana-Champaign, 2019
Dissertation: Essays on Human Capital and Economic Development
Adviser: Stephen L. Parente
M.A. Economics, Universidade Federal de Pernambuco, 2012
B.A. Economics, Universidade Federal de Pernambuco, 2009

FIELDS OF CONCENTRATION:

Primary Fields: Economic Growth and Development
Secondary Fields: Population Economics, Public Economics

WORKING PAPERS:

- [1] "Public Employment, Competition, and Economic Growth"
(*under review*)
- [2] "Cold Bacon: Co-Partisan Politics in Brazil "
with Rodrigo Scheneider (*R&R - Public Choice*)
- [3] "Female Labor Force Participation and Economic Growth: Accounting for the Gender Bonus"
with Stephen L. Parente and Eduardo Rios Neto (*under review*)

PUBLICATIONS:

- [1] "Aggregate Shocks and the Brazilian Housing Market Dynamics"
with Cassio N. Bessaria and Marcelo E. A. Silva, *Economia*, 2019
- [2] "Economic Effects of Demographic Dividends in Brazilian Regions"
with Stephen L. Parente and Eduardo Rios Neto, *Journal of Economics of Ageing*, 2019
- [3] "Fiscal Shocks, the Exchange Rate and the Trade Balance: Some Evidence for Emerging Economies" with Henrique V. P. Fonseca and Marcelo E. A. Silva, *The B. E. Journal of Macroeconomics*, 2015.

PUBLICATIONS IN PORTUGUESE:

- [1] "Distributional Characteristics and the Impact of Tax Reform on Households' Welfare in Brazil" with Jose Ricardo B. Nogueira and Rozane B. de Siqueira, *Revista Brasileira de Economia*, 2013.
- [2] "Effects of Fiscal Shocks on the Brazilian Labor Market" with Igor E. M. Silva and Marcelo E. A. Silva, *Revista Brasileira de Economia*, 2013.
- [3] "Trade Potential and Effectiveness between the Brazilian Northeast and MERCOSUR" with Renata Caldas and Joao Policarpo R. Lima, *Revista Economica do Nordeste*, 2013.
- [4] "The Marginal Social Cost of Indirect Taxation in Brazil: Identifying Tax Reform Directions" with Jose Ricardo B. Nogueira, Rozane B. de Siqueira and Evaldo S. Souza, *Brazilian Journal of Applied Economics*, 2012.

HONORS AND AWARDS:

Teaching:

- 2018 Excellence in Graduate Teaching Assistantship
- 2017 Robert E. Demarest Memorial Teaching Award
- 2017 Excellence in Graduate Teaching Assistantship
- 2016 Robert E. Demarest Memorial Teaching Award

Fellowships:

- 2012 University of Illinois Fellowship for Graduate Study
- 2010 CNPq Graduate Fellowship

Research:

- 2016 Summer Research Fellowship
- 2014 Second best article in III Encontro Pernambucano de Economia
- 2014 Robert Willis Harberson Memorial Dissertation Fellowship
- 2013 Third best Master's Thesis in Premio BNB de Economia
- 2012 Best Master's Thesis in the Department of Economics – PIMES/UFPE
- 2008 CNPq Scientific Research Fellowship

WORK EXPERIENCE:

At University of Illinois at Urbana-Champaign:

- Research Assistant to Prof. Stephen L. Parente (Summer 2016, 2017, 2018)
- Grader of Monetary Theory to Prof. Claudio Paiva, (Summer 2017)

TEACHING EXPERIENCE:**At University of South Florida:**

Term	Course	Evaluation
SP 2020	Intermediate Macro (undergraduate), Instructor	3.7, 3.1
FA 2019	Intermediate Macro (undergraduate), Instructor	4.1

5 point scale.

At University of Illinois at Urbana-Champaign:

Term	Course	Evaluation
SP 2019	Economic Growth (undergraduate), Instructor	4.2
FA 2018	Economic Growth (undergraduate), Instructor	4.6*
SP 2018	Macroeconomic Theory II (PhD Core), TA	4.4*
FA 2017	Macroeconomic Theory I (PhD Core), TA	4.6*
SP 2017	Macroeconomic Theory II (PhD Core), TA	5.0**
FA 2016	Macroeconomic Theory I (PhD Core), TA	4.9**
SP 2016	Economic Growth (undergraduate), Instructor	5.0
FA 2015	Economic Growth (undergraduate), Instructor	4.3
SU 2015	Economic Growth (undergraduate), Instructor	4.2
SP 2015	Economic Growth (undergraduate), Instructor	4.1
FA 2014	Economic Growth (undergraduate), Instructor	4.6*
SP 2014	Microeconomic Principles (undergraduate), Head TA	4.2
FA 2013	Microeconomic Principles (undergraduate), TA	4.2

5 point scale. * Ranked as Excellent by Students, ** Ranked as Excellent by Students with Outstanding Rating

At Universidade Federal De Pernambuco:

Term	Course
2011.1	Microeconomic Principles (undergraduate), TA/Instructor
2009.1	Brazilian Economy (undergraduate), Teacher Assistant
2008.1	Microeconomic Principles (undergraduate), Teacher Assistant

PROGRAMMING SKILLS:

Python & Stata (Proficient); R & Matlab (Familiar)

REFeree REPORTS:

Revista Brasileira de Economia, The B.E. Journal of Macroeconomics (2), Nova Economia, and Public Choice (2)

PERSONAL INFORMATION:

Citizenship: Brazilian; Swiss

Languages: English (fluent), Portuguese (native), Spanish (basic)

Christopher R. Thomas

Department of Economics
College of Arts and Sciences
University of South Florida
4202 E. Fowler Ave. CMC342
Tampa, FL 33620-5700

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Email: crthomas1@usf.edu

Education

Ph.D., Economics, Texas A&M University, December 1980
B.S., Economics, Texas A&M University, December 1975

Professional Positions

August 1988 – present, Associate Professor of Economics, University of South Florida
Sept. 2004 – 2010, Exide Professor of Sustainable Enterprise, University of South Florida
June 1982 – July 1988, Assistant Professor of Economics, University of South Florida
August 1980 – May 1982, Energy Division, Oak Ridge National Laboratory

Teaching Experience

Undergraduate

Intermediate Price Theory
Managerial Economics
Economics of Regulation & Antitrust
Economics of Business Strategy
Principles of Microeconomics
Introduction to Econometrics
Mathematical Economics
Basic Math for Economics & Finance

Graduate

Managerial Economics (MBA, Executive MBA)
Issues in Regulation & Antitrust (MA, MBA, PhD)
Economics of Organization (MA, MBA, PhD)
Economics of Sustainable Enterprise (MBA)
Economic Concepts (MBA, Executive MBA, Online MBA)
Industrial Organization (MA)
Econometrics I (MA)
Econometrics II (MA, PhD)
Mathematical Economics (MA)

Energy Research Publications

"Trends and Forecasts of Florida's Transportation Needs," with R. McHugh and B. Keitgen, Center for Urban Transportation Research (University of South Florida) and the Florida State Transportation Policy Initiative, October 1993.
"Vertical Integration, Price Squeezing, and the Percentage Depletion Allowance," with S. Charles Maurice and D. Larry Crumbley, *Quarterly Review of Economics and Business*, Vol. 29, no. 4, Winter 1989.
"Manipulating Gross Income from Mining by Vertically Integrated Mineral Firms," with D. L. Crumbley, *Oil and Gas Tax Quarterly*, December 1986.
"Taxation and Vertical Integration in the Petroleum Industry," *Oil and Gas Tax*

Quarterly, December 1986.

"Recommendation for the Analysis of Nonfuel Mineral Supply," with Russell Lee, Bureau of Mines, U. S. Department of Interior, March 1983.

"Validation Report: An Assessment of the EUREKA Mining and Milling Model," with J. H. Marable, G. de Saussure, and L. Stewart, Energy Information Administration, U. S. Department of Energy, DOE/EIA-0368, September 1982.

"A Theory of the Vertically Integrated Input Monopolist," *Southern Economic Journal*, January 1981.

"A Survey of Nuclear Fuel Cycle Codes," with G. de Saussure and J. H. Marable, Oak Ridge National Laboratory, ORNL/TM-7747, April 1981.

"Economic Evaluation of the Short-Term Nuclear Power Production Simulator Model," Oak Ridge National Laboratory, 1980.

Business Strategy, Regulation and Antitrust Publications

"Market Price" and "Quasi Rent," with William F. Shughart II, *The Palgrave Encyclopedia of Strategic Management*, David Teece and Mie Augier, eds., Palgrave Macmillan, 2013.

"Managerial Economics: Introduction and Overview," with William F. Shughart, in *Oxford Handbook of Managerial Economics*, Oxford University Press, April 2013.

"Public Subsidies and the Location and Pricing of Sports," with Philip Porter, *Southern Economic Journal*, January 2010.

"Buying Market Share: Agency Problem or Predation?" with Brad Kamp, *Review of Law & Economics*: Vol. 2: No. 1, 2006.

"Using Empirical Point Elasticities to Teach Tax Incidence," with John Swinton, *Journal of Economic Education*, Fall 2001.

"Predation and Entry Deterrence in Markets with Imperfect Information on Product Quality", with Brad Kamp, *Southern Economic Journal*, October 1997.

"The Effect of Interstate Banking on Large U.S. Bank Holding Company Profitability and Risk," with Richard Rivard, *Journal of Economics and Business*, February 1997.

Book Review for *Managerial and Decision Economics*, November/December, 16(6) 1995: Governing the Postal Service, edited by J. Gregory Sidak, American Enterprise Institute Press.

"Geographic Deregulation and New Bank Entry in Florida," with Richard J. Rivard, *Atlantic Economic Journal*, June 1990.

"Measuring the Cost to Consumers of Product Defects: The Value of 'Lemon Insurance'," with Charles W. Smithson, *Journal of Law and Economics*, October 1988.

"The Competitive Impacts of Recent Changes in Florida Banking Laws," with Richard Rivard, *Proceedings of the National Social Science Association*, 1986.

"An Economic Analysis of Export Performance and Export-Import Linkage Requirements," with Mark G. Herander, *Quarterly Journal of Economics*, August 1986.

Book Review for the *Southern Economic Journal*, October 1984: The World Tin Market: Political Pricing and Economic Competition, by William Baldwin.

Books

Oxford Handbook of Managerial Economics, co-editor with William F. Shughart II, Oxford University Press, 2013.

Managerial Economics: Foundations of Business Analysis and Strategy, with S. Charles Maurice, McGraw-Hill/Irwin, 13th edition 2020.

Managerial Economics: Foundations of Business Analysis and Strategy, Chinese 12th Edition, McGraw-Hill/Irwin, 2018.

Grants

Sloan Foundation Industry Center Development Grant (\$250,000) for Center for Applied Research in Medical Devices (CareMed) with Delores Gooding, Kingsley Reeves, and Gabriel Picone, 2006.

Memberships in Professional Organizations

none

Professional Service

Referee: *Southern Economic Journal*, *Social Science Quarterly*, *Energy Journal*, *European Journal of Law and Economics*

Editorial Advisory Board, *Oxford Handbook* (Online Series), 2012-14.

Third-Year review, Boris Nikolaev, Oxford College of Emory University, 2015.

Outside reviewer, tenure & promotion, Todd Jewel, University of North Texas, 2000.

Outside reviewer, tenure & promotion, Robert Brown at the University of North Texas, 1996

University Service

FESC seed grant evaluation committee, 2009-2010.

Sloan Industry Center Committee member, 2006

Ad Hoc Committee on the Establishment of a Department of Statistics, 1994

University Honors Theses Directed: Mark Addington (1999), Kathy Smith (2000), Katie Mierau (2001, Chair), Sean Campbell (2004, Chair), Jeremiah Pederson (2006, Chair), Lauren McAnany (2006, Co-chair), Rene Hughes (2007, Chair), James Stapleton (2013, chair), Dana Williams (2013), Kirsti Outlan (2014), Alan Wachter (2016), Kirill Brattsev (2018)

College of Arts and Sciences Service

CAS Undergraduate Curriculum Committee, 2009-2016

College of Business Service

Co Chair (with Sharon Hanna-West and Don Fell) First Annual College of Business Administration Symposium on Building Sustainable Enterprise, April 7, 2006.
 COB Graduate Policy Committee, 2003-4, 2004-5, 2005-6, 2006-7, 2007-8, 2008-9
 COB Undergraduate Curriculum Committee, 1992-1999

- Designed and provided oversight for implementation of new Business Mathematics course for business majors

Chair, COB Undergraduate Curriculum Committee, 1996-97, 1997-98

- AACSB accreditation report
- COB Business Core Revision

Chair, COBA Faculty Council, 1992/93
 COB Strategic Planning Committee, 1994-95

- Served as "bus driver" for "Faculty Governance" team
- Served as "bus driver" for "Undergraduate Curriculum" team

COB Strategic Planning Committee, 2001-2002

- Served Undergraduate Programs subcommittee

COB Faculty Executive Committee, 2001-2002
 Teaching Incentive Program (TIP) Review Committee 1994
 Faculty member of Delta Sigma Pi
 President of Beta Gamma Sigma, 1995-96
 Coauthored and graded the economics segment of the Ph.D. preliminary exam 1991
 Served on three Ph.D. committees
 COB Freshman Advising Session, 1996
 Kahn Teaching Award (review committee, 2001)
 Executive MBA Theses Directed: Larry Maloney (2002), James Arohson (2004), Cecil Stringer (2005)

Economics Department Service

Undergraduate Policy Committee, 1992-1999 (Chair), 2002-2016
 Undergraduate Program Director for the Economics Department, 1993-1999
 Chair, Ad Hoc Undergraduate Curriculum Committee, 1994/95 and 95/96

- Revised economics undergraduate major and minor
- Changed Price Theory to Managerial Economics as the intermediate microeconomics required of business majors

Governance and Evaluation Committee: 1986, 1987 (chair), 1991, 1992, 1996, 2000-1 (chair), 2010-2012, 2015, 2016 (chair)
 Chair, Departmental Research Committee 1992
 Econometrics Recruiting Committee 1991-92
 Directed numerous Independent Studies
 Organized summer workshop, "Microeconomics Theory Workshop" 1992
 Organized "Teaching Economics Workshop" series (one of one), 1994

Padmaja Ayyagari

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Padmaja Ayyagari

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University of South Florida
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Tampa, FL 33620

Phone: (813) 974-6520
Email: padmajaa [at] usf [dot] edu
Personal Website

Current Position and Affiliations

Associate Professor, Department of Economics, University of South Florida, 2017 -
Research Fellow, Center for Financial Security, University of Wisconsin-Madison, 2019-

Past Experience

Assistant Professor	Department of Health Management and Policy	University of Iowa	2011 - 2017
Postdoctoral Associate	Division of Health Policy and Administration	Yale University	2008 - 2011
Research Assistant	Sanford School of Public Policy	Duke University	2004 - 2008
Teaching Assistant	Department of Economics	Duke University	2003 - 2004

Education

PhD in Economics	Duke University	2008
MSc in Quantitative Economics	Indian Statistical Institute	2002
BSc in Economics	Calcutta University	2000

Research Interests

Health Economics, Economics of Aging

Research

PUBLICATIONS: ECONOMICS

1. The Impact of Income-Related Medicare Part B Premiums on Labor Supply (with Frank Sloan)
Industrial and Labor Relations Review 2019, Forthcoming
2. Health Insurance and Early Retirement Plans: Evidence from the Affordable Care Act
American Journal of Health Economics 2019, 5(4): 533-560
3. The Role of Medical Expenditure Risk in Portfolio Allocation Decisions (with Daifeng He)
Health Economics 2017, 26(11): 1447-1458
4. The Impact of Medicare Part D on Emergency Department Visits (with Dan Shane and George Wehby)
Health Economics 2017, 26(4): 536-544
5. The Impact of Social Security Income on Cognitive Function at Older Ages (with David Frisvold)
American Journal of Health Economics 2016, 2(4): 463-488
6. Prescription Drug Coverage and Chronic Pain
International Journal of Health Economics and Management 2016, 16(2): 189-200
7. Medicare Part D and Portfolio Choice (with Daifeng He)
American Economic Review Papers and Proceedings 2016, 106(5): 339-342

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8. The Impact of Retirement on Smoking Behavior
Eastern Economic Journal 2016, 42(2): 270-287
9. Does Prescription Drug Coverage Improve Mental Health? Evidence from Medicare Part D (with Dan Shane)
Journal of Health Economics 2015, 41(1): 46-58
10. Smoking and Cognitive Functioning at Older Ages: Evidence from the Health and Retirement Study (with Asia Sikora Kessler)
Journal of the Economics of Ageing 2015, 6: 13-23
11. Understanding Heterogeneity in Price Elasticities in the Demand for Alcohol for Older Individuals (with Partha Deb, Jason Fletcher, William Gallo and Jody Sindelar)
Health Economics 2013, 22(1): 89-105
12. The Effect of Job Loss on Overweight and Drinking (with Partha Deb, William Gallo, Jason Fletcher and Jody Sindelar)
Journal of Health Economics 2011, 30(2): 317-327
13. Education and Health: Evidence on Adults with Diabetes (with Dan Grossman and Frank Sloan)
International Journal of Health Care Finance and Economics 2011, 11(1): 35-54
14. The Impact of Job Stress on Smoking and Quitting: Evidence from the HRS (with Jody Sindelar)
The B.E. Journal of Economic Analysis and Policy (Contributions) 2010, 10(1): Article 27

PUBLICATIONS: PUBLIC HEALTH AND MEDICINE

15. ACA Medicaid Expansion Associated with Increased Medicaid Participation and Improved Health among Near-Elderly: Evidence from the Health and Retirement Study (with Melissa McInerney, Ruth Winecoff, Kosali Simon and Kate Bundorf)
Inquiry 2020, Forthcoming
16. Evidence of Racial and Geographic Disparities in the Use of Medicare Observation Stays and Subsequent Patient Outcomes Relative to Short-Stay Hospitalizations (with B. Wright, X. Zhang, M. Rahman, M. Abir, and K. Kocher)
Health Equity 2018, 2(1): 45-54
17. Costs of a Staff Communication Intervention to Reduce Dementia Behaviors in Nursing Home Care (with Kristine Williams, Y. Perkhounkova, M. Bott, R. Herman and A. Bossen)
Journal of Nursing Home Research Sciences 2017, 3: 22-27
18. Cost of Inpatient Hospital Care for Adverse Events in Elderly Medicare Patients Taking Warfarin, Dabigatran or Rivaroxaban (with Mary Vaughan Sarrazin, M. Jones, A. Mazur, P. Cram, and E. Chrischilles)
Journal of the American College of Cardiology 2017, 69(3): 360-362
19. The Increasing Use of Marijuana Among Aging Americans: A Public Health Crisis or Viable Policy Alternative? (with Brian Kaskie, Gary Milavetz, Dan M. Shane and Kanika Arora)
The Gerontologist 2017, 57(6): 1166-1172
20. Outcomes Associated with Observation versus Short-Stay Admission among Chest Pain Patients in the Veterans Health Administration (with Brad Wright, A. O'Shea, J. Glasgow, and M. Vaughan Sarrazin)
BMC Emergency Medicine 2016, 16(1): 38
21. Chest Pain Patients at Veterans Hospitals Are Increasingly More Likely to be Observed than Admitted for Short Stays (with Brad Wright, A. O'Shea, J. Glasgow, and M. Vaughan Sarrazin)
Inquiry 2016, 53
22. Patient, Hospital and Local Health System Characteristics Associated with the Use of Observation Stays in Veterans Health Administration Hospitals, 2005 to 2012 (with Brad Wright, A. O'Shea, J. Glasgow, and M. Vaughan Sarrazin)
Medicine 2016, 95(36): e4802

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23. Continued Gains in Health Insurance but Few Signs of Increased Utilization: An Update on the ACA Dependent Coverage Mandate (with Dan Shane and George Wehby)
Medical Care Research and Review 2016, 73(4): 478-492
24. Observation Rates At Veterans' Hospitals More Than Doubled During 2005-13, Similar to Medicare Trends (with Brad Wright, A. O'Shea, P. Ugwi, P. Kaboli and M. Vaughan-Sarrazin)
Health Affairs 2015, 34(10): 1730-1737
25. The Business Case for Tele-Emergency (with A.C. MacKinney, M. Ward, F. Ullrich, A. Bell and K. Mueller)
Telemedicine and e-Health 2015, 21(12): 1005-1011
26. Spillover Effects of the Affordable Care Act? Exploring the Impact on Young Adult Dental Insurance Coverage (with Dan Shane)
Health Services Research 2015, 50(4): 1109-1124
27. Will Health Care Reform Reduce Disparities in Insurance Coverage? Evidence from the Dependent Coverage Mandate (with Dan Shane)
Medical Care 2014, 52(6): 528-534
28. Lower Extremity Functional Trajectories in the African American Health Cohort (with F. Wolinsky, T. Malmstrom, P. Miller, E. Andresen, M. Schootman and D. Miller)
Journal of Gerontology: Medical Sciences 2014, 69(8): 1004-1010
29. Self-Rated Health Trajectories in the African American Health Cohort (with F. Ullrich, T. Malmstrom, E. Andresen, M. Schootman, P. Miller, D. Miller and F. Wolinsky)
PLoS ONE 2012, 7(12): e53278
30. Job Loss and Depression: The Role of Subjective Expectations (with Bidisha Mandal and William Gallo)
Social Science and Medicine 2011, 72(4): 576-583
31. The Longevity Gap between Black and White Men in the U.S. at the Beginning and End of the 20th Century (with Frank Sloan, Martin Salm and Daniel Grossman)
American Journal of Public Health 2010, 100(2): 357-363
32. Rates of Glaucoma Medication Utilization Among Persons with Primary Open Angle Glaucoma, 1992-2002 (with Joshua Stein, Frank Sloan and Paul Lee)
Ophthalmology 2008, 115(8): 1315-1319
33. Effects of Diagnosed Dementia on Costs to Medicare and Medicaid Program Payments (with Martin Salm and Frank Sloan)
Inquiry 2007, 44(4): 481-494

Grants and Fellowships

SSA RDRC and University of Wisconsin Center for Financial Security grant (Co-PI)	2019-2020
National Institutes of Health R01 grant (Co-I)	2015
Steven H. Sandell grant (PI), Boston College Center for Retirement Research and SSA	2014
National Institutes of Health R21 grant (Co-I)	2014-2016
US Department of Veterans Affairs grant (Co-I)	2013-2014
College of Public Health-Carver College of Medicine New Investigator Award, University of Iowa	2012
Leona M. and Harry B. Helmsley Charitable Trust grant (Co-I)	2011-2014
RTI International Subcontract (Co-I), Centers for Medicare and Medicaid Services	2011-2012
Philip Jackson Baugh Fellowship in Aging and Human Development, Duke University	2006-2007
Graduate School Conference Travel Fellowship, Duke University	2006
Summer Dissertation Research Fellowship, Dept of Economics, Duke University	2005
Tuition Grant, Dept of Economics, Duke University	2002-2008
Frank T. DeVryer Endowment Fellowship, Dept of Economics, Duke University	2002-2003
Gov't of India Fellowship and Annual Contingency Grant, Indian Statistical Institute	2000-2002

Padmaja Ayyagari

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Teaching

UNIVERSITY OF SOUTH FLORIDA

Econometrics I (graduate), Economics of Health Care I (graduate), Economics of Health (undergraduate), Introduction to Econometrics (undergraduate)

UNIVERSITY OF IOWA

Health Insurance and Managed Care, Analytical Issues in Health Services Research II, Introduction to the U.S. Health Care System

Service

EDITORIAL SERVICE

Editorial Review Board, *Inquiry*, 2017-

JOURNAL REFEREE

Economic Inquiry, *Review of Economics and Statistics*, *Health Economics*, *Journal of Human Resources*, *Journal of Health Economics*, *Southern Economic Journal*, *Journal of Economic Behavior and Organization*, *American Journal of Health Economics*, *American Journal of Public Health*, *Journal of Gerontology: Psychological Sciences*, *Eastern Economic Journal*, *Risks*, *Journal of Epidemiology and Community Health*, *North American Actuarial Journal*, *Journal of Public Economics*, *Journal of Economic Studies*, *Social Science and Medicine*, *Journal of Development Studies*, *Journal of the Economics of Ageing*, *Contemporary Economic Policy*, *Review of Economics of the Household*, *Demography*, *Circulation: Cardiovascular Quality and Outcomes*, *Journal of Policy Analysis and Management*, *Forum for Health Economics and Policy*, *Inquiry*, *Economics and Human Biology*, *Journal of Population Economics*, *Labour Economics*, *PLOS ONE*

GRANT REVIEW

National Science Foundation

UNIVERSITY OF SOUTH FLORIDA

Department of Economics Committee on Graduate Policy	2017-
Department of Economics Instructor Recruiting Committee	2018
Department of Economics Research Committee	2018- (Chair)
Department of Economics Faculty Recruiting Committee	2018-2019, 2019-2020 (Chair)
Department of Economics Governance and Evaluation Committee	2019-2020, 2020-2021 (Chair)
Department of Economics By-Laws Committee	2020
College of Arts and Sciences Faculty Development Committee	2018-2019, 2019-2020 (Chair)

UNIVERSITY OF IOWA

Health Economist Search Committee	2011-2012
University of Iowa Health Economics Workshop	2011-2013 (Organizer)
PhD Quality Improvement Committee	2012-2017
College of Public Health Diversity Committee	2012-2017
PhD Preliminary Examination Committee	2013-2017

Padmaja Ayyagari

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OTHER

Local Organizing Committee, Midwest Health Economics Conference	2015
Scientific Review Committee, American Society of Health Economists' Conference	2016, 2018-2020
Honors External Examiner for Advanced Econometrics, Swarthmore College	2018

Professional Memberships

American Economic Association, American Society of Health Economists

Last updated: August 2020

CURRICULUM VITAE

Antoinette James Criss Fall 2020

University of South Florida, College of Arts and Sciences, Department of Economics,
4202 East Fowler Avenue, Tampa, FL 33620-5500 (813) 974-9046 ajc@usf.edu

Academic Background

Ph.D. Economics, University of New Hampshire, 1993.
M.S. Agricultural and Natural Resource Economics, Colorado State University, 1984.
B.S. Resource Economics, University of Vermont, 1982 (cum laude).

Teaching Experience

University of South Florida, College of Arts and Sciences, Department of Economics: Senior Instructor, 2013-present;
Instructor, 2010-13; Undergraduate Program Coordinator, 2010-present
Principles of Macroeconomics (on-line and on campus), Principles of Microeconomics, Labor Economics,
Environmental Economics, Comparative Economic Systems, International Economics,
International Trade and Policy, Economics of Women and Work

University of South Florida St. Petersburg College of Business: Instructor, 2001-10;
Graduate Program Director, 2005-06; Visiting Assistant Professor, 2000-01; Adjunct Instructor, 2000
Principles of Microeconomics, Principles of Macroeconomics, International Economics,
Managerial Economics, Environmental Economics, Labor Economics, Economics of Women and Work,
Economics of Corporate Social Responsibility (team-taught special topic), International Trade and Policy;
MBA - International Economic Issues, Environmental Economics and Policy

Foothill College, Assistant Professor, 1998-99; Adjunct Instructor, 1997-98 (on campus), 1999-00 (on-line)
Principles of Microeconomics, Principles of Macroeconomics

Saint Leo University, Adjunct Professor, 1999
Managerial Economics (MBA Program), Principles of Macroeconomics (Evening and Weekend College)

Florida Metropolitan University, Adjunct Professor, 1999 - Managerial Economics (MBA Program)

Randolph-Macon Woman's College, Assistant Professor, 1993-97
International Economics, Econometrics, History of Economic Thought, Environmental Economics,
Labor Economics, Advanced International Topics and Principles of Microeconomics

University of New Hampshire, Instructor, 1991-93 - Intermediate Microeconomics and Principles of Microeconomics

Publications

"From the Comic Book to the Real World: The Principal-Agent Problem and Moral Hazards When Iron Man Flies Over Your Backyard," (with Deborah Kozdras), invited chapter in J. Brian O'Roark and Rob Salkowitz (eds), *Superheroes and Economics: The Shadowy World of Capes, Masks and Invisible Hands*, Routledge, New York, 2018.

"Federal Tax Law and the Single Working Mother: The Dilemma of High Marginal Tax Rates," (with James Fellows), *Franklin Business & Law Review Journal*, Volume 2010, Number 1, Spring 2010, pp. 20-28.

"Fighting Poverty: Refundable Tax Credits as a Negative Income Tax," (with Fellows), *Ethics and Critical Thinking*, Volume 2009, No. 2, Spring 2009, pp. 45-56.

"Tax Benefits and Tax Justice: Is There a Market Solution?" (with Fellows and Richard Moss), *Journal of Accounting, Ethics, and Public Policy*, Volume 8, Number 3, Fall 2008, pp. 1-21.

"Employment Tax Credits and the Social Responsibility of Business," (with Fellows and Moss), *Ethics and Critical Thinking*, Issue 1, March 2007.

"Theories of Convergence and Growth in the Classical Period: The Role of Science, Technology and Trade," (with Bruce Elmslie), *Economica*, 66, 1999.

"Testing Heckscher-Ohlin-Vanek in the G7," (with Elmslie), *Weltwirtschaftliches Archiv*, 132(1), 1996.

"Securing the Quicksand Foundations of the New International Economics: Testing Heckscher-Ohlin," (with Elmslie), in Khosrow Fatemi (ed) *The Globalization of Business in the 1990s: Implications for Trade and Investment, Volume IV: Theoretical Issues*, August 1994.

"The Renaissance of Adam Smith in Modern Theories of International Trade," (with Elmslie), in Robert Hébert (ed) *Perspectives on the History of Economic Thought: Themes on Economic Discourse, Method, Money and Trade*, Volume IX, Edward Elgar Publishers, 1993.

"International Trade and the Environment: An Empirical Heckscher-Ohlin-Vanek Model," in Anthony Scaperlanda (ed) *Proceedings of the International Trade and Finance Association*, January 1993.

"Strategic Trade Policy and the 1992 Elections," (with Elmslie), in *Outlook for 1991: Faculty Forecasts*, University of New Hampshire, Center for Business and Economic Research Working Paper Series 1990/91.

Review of *Environmental Protection and Economic Well-Being - The Economic Pursuit of Quality*, 2nd Edition, by Thomas Michael Power, M.E. Sharpe, Inc., Armonk, NY, 1996, *Eastern Economic Journal*, 24(3), 1998.

Review of *Essays in the History of International Trade Theory*, by Arthur I. Bloomfield, Edward Elgar Publishing Limited, Aldershot, England, 1994, *European Journal of the History of Economic Thought*, 1(3), 1994.

Review of *International Trade and Trade Policy*, edited by Elhanan Helpman and Assaf Razin, MIT Press, Cambridge, 1991, *Eastern Economic Journal*, 19(4), 1993.

Review of *Rethinking International Trade*, by Paul R. Krugman, MIT Press, Cambridge, 1990, *KYKLOS*, 44(4), 1991.

USFSP Funded Research

USEPA National Center for Environmental Research Grant (Total: 3 year, \$727,000) to USFSP to establish Center for Science and Policy Applications for the Coastal Environment (C-SPACE).
Co-PI (with Jim Krest) of Project 5 (\$41,725): "An Historical Perspective on the Economic and Environmental Impacts of the Phosphate Industry on the Tampa Bay Region", 2005 - 2009.

Reviews

Karlan and Morduch, *Macroeconomics*, 2nd Edition, (and CONNECT for Karlan and Morduch), McGraw-Hill, 2017.
Rubb and Summer, *Macroeconomics Principles: A Business Perspective*, 1st Edition, MacMillan, 2016.
Irwin and Chinn, *International Economics*, 1st Edition, WW Norton, 2016.
Coppock and Mateer, *Principles of Macroeconomics*, WW Norton, 2015.
Acemoglu, Laibson, and List, *Economics*, 1st Edition, Pearson, 2012.
State of FL Economics and AP Macro materials, 2011.
TCT's *Econ Alive!* High School Economics learning program, 2008.
Pearson Education Inc. High School Economics text, 2008.
Hall and Klitgaard, *Biophysical Economics*, Springer 2005 (proposal).
Florida Scientist, 2005.
Colander, *Economics*, 4th Edition, Irwin/McGraw-Hill Publishers, 2001.
Contemporary Economic Policy, 1999.
American Journal of Economics and Sociology, 1995.

Professional Experience

Advisory Board, University Access Tele-web Course in Principles of Macroeconomics, 1998-2000.
International Trade Analyst, U.S. International Trade Commission, Washington, D.C., 1985-1989.
Board of Directors, Tacomis Federal Credit Union, Washington, D.C., Treasurer 1986, President 1987-1988.

University of South Florida Service

USF Faculty Senate, Department of Economics representative, 2018-present.
Department of Economics Search Committees (member): Instructor I, 2018, Visiting Assistant Professor, 2017.
Department of Economics Undergraduate Program Coordinator, 2010-present.
Chair, Department of Economics Undergraduate Policy Committee, 2010-present.
School of Social Sciences Undergraduate Policy Committee, Chair 2013-2014, Member 2010-2011.

College of Arts and Sciences (CAS) Undergraduate Policy Committee, Member 2013-2014, 2010-2011.
 CAS Strategic Communication of Value Committee, Member 2013-2014.
 CAS Search Committee: Advisor in Economics, Member 2011 and 2012.
 Department of Economics Search Committee: Instructor, Member 2011.
 Department of Economics ad hoc teaching loads committee, Member April 2011.
 Department of Economics Adjunct Committee, Member 2011-present.
 Economics Scholars Society Advisor, 2011 - present.
 Omicron Delta Epsilon Advisor, 2011 - present.
 College Republicans Advisor, 2011 - present.
 USFSP COB Coordinator for Economics and Finance, 2004-05.
 USFSP Scholarship Committee, Member 2006-2010.
 USFSP COB SACS General Education Task Force, Member 2008-2010.
 USFSP COB Graduate Curriculum Committee, Member (co-Chair Fall 2005) 2003-05; 2007-2010.
 USFSP Strategic Planning Subcommittee on Undergraduate Education, Member 2005-06.
 USFSP CAS Search Committee: ESPG (Political Economy), Member 2005.
 USFSP COB Ad Hoc Faculty Strategic Planning Committee, Member 2007.
 USFSP Member, COB Search Committees: Accounting, 2007-08, 2006-07;
 Forensic Accounting, 2004-05, 2003-04; Economics, 2007-08, 2002-03, 2001-02.
 USFSP-USF NCAA Interim Certification Review Committee, Member Fall 2003.
 USFSP Campus Facilities/Campus Life Committee, Member 2002-03.
 USFSP COB Curriculum Committee, Member 2002-03.
 USFSP Faculty Advisor (shared role) to USFSP SABO (student organization), 2002.
 USFSP-USF COBA Undergraduate Program Committee, Member (Econ. Dept. representative) 2001-02.
 USFSP-USF COBA Economics Department Undergraduate Policy Committee, Member 2001-03.

Other Institutional and Community Service

Elder, Worship and Music Ministry Team, First Presbyterian Church of Brandon, 2013-15.
 Co-chair, Special Gifts Team, Building Campaign, First Presbyterian Church of Brandon, 2010-2011.
 Riverwood Oaks Homeowners' Association, Member-at-Large 2005-06, Vice President 2007-2017.
 Habitat for Humanity of Hillsborough County, Faith Communities Committee, 2001.
 Christ Care Small Group Leader, First Presbyterian Church of Brandon, 2000-01.
 Faculty Member, Business and Social Sciences Division Curriculum Committee, Foothill College, 1998-99.
 Advisor, Economics Forum, Foothill College, 1997-99.
 Advisor to FLASH (Junior High Youth), Sunnyvale Presbyterian Church, 1997-99.
 Deacon, Sunnyvale Presbyterian Church, 1998-99.
 Coordinator, Truman Scholarship Foundation, R-MWC, 1994-97.
 Faculty Adviser to Model United Nations, R-MWC, 1994-97.
 Faculty Member, Judiciary Committee, R-MWC, 1995-97.
 Member, Computer Resources Committee, R-MWC, 1994-95.
 College Club, R-MWC, President 1994-95, Vice President 1995-96.
 Junior League of Lynchburg, Active Member 1995-96, Provisional Member 1994-95.
 Student Advisory Council to the Executive Board of the Whittemore School, UNH, 1992-93.
 Graduate Student Representative to the Economics Department, UNH, 1989-90, 1992-93.
 Donor Organizer for the American Red Cross, Washington, D.C., 1987-1989.

References

Available on request.

XIN JIN

August 2020

Department of Economics
University of South Florida
CMC 207H, Tampa, FL

Email: xjin@usf.edu
Phone: (813) 974-6559
<https://sites.google.com/site/xinjin2020/home>

POSITIONS

2014 – Present Assistant Professor at the University of South Florida, Department of Economics

EDUCATION

Ph.D. in Economics, Cornell University, 2014
M.A. in Economics, Cornell University, 2012
B.E. in Urban Planning, Sichuan University, 2006

PUBLICATIONS

1. "Is a Corruption Crackdown Really Good for the Economy? Firm-Level Evidence from China" (with Z. Chen and X. Xu), *forthcoming*, Journal of Law, Economics, and Organizations
2. "Lateral Moves, Promotions, and Task-specific Human Capital: Theory and Evidence" (with M. Waldman), Journal of Law, Economics, and Organizations, Vol. 36, No.1:1-46, 2020
3. "Non-promotion Signals and Job Tenure: Theory and Evidence", *forthcoming*, Research in Labor Economics, Vol. 48, 2020
4. "The Autocratic Roots of Social Distrust" (with X. Xu), Journal of Comparative Economics, Vol. 46, No.1, 2018
5. "Flattening Firms and Wage Distribution", Research in Labor Economics, Vol.46, 2018
6. "Estimating Pay Gaps for Workers With Disabilities: Implications From Broadening Definitions and Data Sets" (with K. Hallock and L. Barrington), Rehabilitation Research, Policy, and Education. Vol. 28, No. 4, 2014

WORKING PAPERS

7. "The Pay Gap and the Total Compensation Gap by Disability Status"(with K. Hallock and M. Waldman), *2nd revise and resubmit at the British Journal of Industrial Relations*
8. "Incentivizing Corruption: an Unintended Consequence of Bureaucratic Promotions in China" (with X. Xu), *under review at the World Development*
9. "The Returns to Specialization: Evidence from Education-Occupation Match in the US from 1993 to 2017" (with J. Kaisen), *preliminary draft*

TEACHING

Undergraduate: Introduction to Econometrics, Analytical Tools for Economists, Basic Economics
MBA: Managerial economics
PhD: Labor Economics Seminar I & II

PROFESSIONAL MEMBERSHIP

American Economic Association, Society of Labor Economists

CURRICULUM VITAE

Robert Christopher Jones Fall 2020

University of South Florida, College of Arts and Sciences, Department of Economics,
4202 East Fowler Avenue, Tampa, FL 33620-5500 (813) 974-0479
rcjones3@usf.edu

Academic Background

Ph.D., Business Administration, Major, Economics (2008), University of South Florida
Dissertation: Academic and Labor Market Outcomes of Students Suffering from
Depression
MA, Business Economics (2005), University of South Florida
MBA, Crummer Graduate School of Business (1992), Rollins College
BS, Food & Resource Economics (1990), University of Florida

Teaching Experience

University of South Florida, College of Arts and Sciences, Department of Economics: Instructor,
2018-present; Visiting Instructor, 2013-17; Adjunct Instructor 2007-2013

Florida Southern College, Lakeland, Florida: Assistant Professor of Economics and Marketing,
2011-12; Adjunct Instructor Economics and Marketing, 2012-16

Hillsborough Community College: Adjunct Instructor of Economics, 2012-2015

University of Louisiana Lafayette: Instructor of Economics, 2017-18

Non-Academic Work Experience

President & Chief Economist (2003-Present), Florida Economic Advisors, Valrico, FL

Chief Economist (2003), City of Orlando, FL

Senior Economist (1994-2003), Miller Sellen Conner & Walsh, Orlando FL

Associate Economist (1992-1994), Fishkind & Associates, Inc. Orlando FL

Specialties

Urban & Regional Economics, Consumer Theory, Economic & Fiscal Impact Analysis

Vita

BRADLEY P. KAMP
Department of Economics
College of Arts and Sciences
University of South Florida
Tampa, FL 33620-5500
(813) 974-6549
(813) 258-4196

Fields: Microeconomics, Information Economics, Industrial Organization, Trade, Forecasting

Thesis Topic: Survey Bias and Quality Incentives

Education:

Doctor of Philosophy (Economics), May 1993, University of California, San Diego
Masters of Arts (Economics), December 1989, University of California, San Diego
Bachelor of Arts (Economics), May 1985, University of Illinois, Urbana-Champaign

Teaching, Research, and Other Experience:

8/99-present: Associate Professor of Economics, University of South Florida
8/92-7/99: Assistant Professor of Economics, University of South Florida
9/89-5/92: Instructor, School of Business, University of San Diego
9/87-6/92: Teaching Assistant, Department of Economics, University of California, San Diego
9/85-8/87: Commercial Lending Officer, Mid-Citco Banks, Chicago, IL

University Service:

4/14 – present: Department Chair, University of South Florida Economics
1/11 – 5/12: Associate Department Chair, University of South Florida Economics
8/07-7/08: University Undergraduate Council, University of South Florida
6/99-8/05: Graduate Programs Coordinator, Department of Economics, University of South Florida
10/00-5/03: University Graduate Council, University of South Florida
8/01-5/03: Chairman, Ph.D. Committee, College of Business, University of South Florida
10/98-7/01: University Library Council, University of South Florida

Fellowships and Honors:

Outstanding Undergraduate Teaching Award, University of South Florida, 1999-2000
Teaching Incentive Plan Award, University of South Florida, 1995
Excellence in Teaching, School of Business, University of San Diego 1990, 1991
Outstanding Teaching Award, Department of Economics, University of California, San Diego 1988, 1989, 1990, 1991, 1992
Regents Fellow, Department of Economics, University of California, San Diego 1987-1988 Academic Year
Departmental Distinction, Department of Economics, University of Illinois 1985

Grants:

University of South Florida Division of Sponsored Research Summer Grant - 1998
University of South Florida Division of Sponsored Research Summer Grant - 1996
University of South Florida Division of Sponsored Research Summer Grant - 1994
New Faculty Summer Research Grant - 1993, University of South Florida

Journal Articles

"Buying Market Share: Agency Problem or Predatory Pricing," (with Christopher Thomas). *Review of Law and Economics*, 2; May, 2006, pp. 1-24.
"Foreign Direct Investment and Tariff Policy in the Presence of a Cost-Based Informational Asymmetry" (with Mark Herander) - *Review of International Economics*, 11, November 2003, pp. 845-859.
"Quantitative Restrictions With Cost-Based Informational Asymmetries" (with Mark Herander) - *Southern Economic Journal*, 65, April 1999, pp. 870-884.
"Tariff Policy and Entry with Cost-Based Informational Asymmetries" (with Mark Herander). *Economic Inquiry*, 37, January 1999, pp. 60-73.
"Product Quality when Priors Are Biased," *Journal of Business and Behavioral Sciences*, 4, Fall 1998, pp. 1-13.
"Complimentarily Yours: Free Examination Copies and Textbook Prices: Comment," *International Journal of Industrial Organization*, 16, July 1998, pp. 527-533.
"Experience-Dependent Information Diffusion and Product Quality," *Economic Inquiry*, 36, January 1998, pp. 161-170.
"Faux Predation in Markets with Imperfect Information on Product Quality," (with Christopher Thomas), *Southern Economic Journal*, 64, October 1997, pp. 555-566.

Book Chapters

"Predatory Pricing and Strategic Entry Barriers," Chapter 13 in *21st Century Economics: A Reference Handbook*, SAGE Publication, Thousand Oaks, CA, 2010.

Affiliations:

American Economic Association
European Association for Research in Industrial Economics
Southern Economic Association
Western Economic Association International

Referee for:

Scandinavian Journal of Economics 2015
Tenure and Promotion, University of St. Thomas 2015
Studies in Nonlinear Dynamics and Econometrics 2004
National Science Foundation 2002, 2003
Tenure and Promotion, Idaho State University 2002
Journal of Economic Education 2002, 2004
Review of International Economics 2002
Contemporary Economic Policy 1999
International Economic Review 1998
International Journal of Industrial Organization 1998, 2002(2)
Southern Economic Journal 1998, 1999, 2000

Graduate Student Advising:

Youssef Fassi-Ferhri (Co-Chair) PhD, 2016
Berna Colak (Co-chair) PhD, 2014
Daniel Chin (Co-chair) PhD, 2012
Olga Petrova (Reader) PhD, 2018
Robyn Kibbler (Reader) PhD, 2018
Sisinnio Concas (Reader) PhD, 2010
Aysegul Timur (Reader) PhD, 2007
Barbara Caldwell (Reader) PhD, 2006
Engin Kucukkaya (Reader) PhD (Finance), 1999
Yin Qu (Reader) PhD (Finance), 1997
Joseph Coleman (Chair) in progress
Brian Hornung (Reader) in progress
Nicole Schoenecker (Reader) in progress

Courses Taught:

Graduate Microeconomics 1 and 2
Graduate Managerial Economics
Forecasting and Time Series Analysis (undergraduate and graduate)
Graduate Industrial Organization
Graduate Economics of Organizations
Advanced Price Theory
Intermediate Microeconomics
Statistics
Principles of Microeconomics
Principles of Macroeconomics

Curriculum Vitae

Updated: September 2020

H. Mikael Sandberg**Office:**

Department of Economics
CMC 208G
University of South Florida
Tampa, FL 33620
Office Phone: (813) 974-6555

Areas of Interests: International trade; gravity models; teaching and learning; applied microeconomics.

Teaching Interests: Microeconomics (Principles and Intermediate); Macroeconomics (Principles and Intermediate); International Economics; Economics of Globalization; Quantitative Methods/Analytical Tools; Economic Development; Managerial Economics; Environmental Economics.

EDUCATION**Ph.D. in Food and Resource Economics****(December 2010)**

University of Florida, Gainesville, FL

Main Field: International Trade

Dissertation: "The Impact of Historical and Regional Networks on Trade Volumes in the Western Hemisphere: A Gravity Model Analysis"

M.A. in Applied Economics**(May 2000)**

University of Central Florida, Orlando, FL

Thesis: "Trade Relationships, Regional Integration, and Economic Development: The Case of the Southern African Development Community"

B.S. in Business Administration: Economics**(August 1998)**

University of Central Florida, Orlando, FL

EMPLOYMENT HISTORY**Instructor****(August 2018 to present)**

Department of Economics, University of South Florida, Tampa, FL

- Courses Taught:

ECO2052 Analytical Tools for Economists	ECO3101 Intermediate Price Theory
ECO3203 Intermediate Macroeconomics	ECP3302 Environmental Economics
ECS3013 Economic Development	Undergraduate Econometrics Lab

Lecturer and Undergraduate Coordinator**(February 2015 – August 2018)****Lecturer****(July 2014 – February 2015)****(September 2004 – September 2013)**

Food and Resource Economics Department, University of Florida, Gainesville, FL

- Graduate Faculty, University of Florida Graduate School (appointed November 2014)

- Courses Taught:

AEB2014 Economic Issues	AEB3103 Principles of Food and Resource Economics
AEB3281 Agricultural Macroeconomics	AEB3510 Quantitative Methods
AEB3550 Data Analysis	AEB4334 Price Analysis
AEB4931 International Agricultural Trade	AEB4951 Survey of Agricultural Economics
AEB5188 Economics of AgBus. Decisions	AEB5516 Quantitative Methods for Agribusiness

Assistant Professor of Economics**(August 2013 – July 2014)**

Department of Business Administration, Flagler College, Saint Augustine, FL

- Teaching responsibility: 8 sections per academic year
- Courses Taught:

Curriculum Vitae

Updated: September 2020

BUS230 Quantitative Methods in Business
ECO201 Principles of Macroeconomics
ECO440 Development Economics

ECO312 Intermediate Macroeconomics
ECO332 International Economics

OTHER EXPERIENCE

Pre-Doctoral Fellow

(August 2000 – May 2004)

Food and Resource Economics Department, University of Florida, Gainesville, FL

Teaching Assistant

(August 1998 – May 2000)

Department of Economics, University of Central Florida, Orlando, FL

ECO2023 Principles of Microeconomics (Media enhanced 'reduced class time' sections)

ECO3401 Quantitative Business Tools

ECO4403 Industrial Organization

ECO6115 Economic Analysis of the Firm (Executive MBA program)

Graduate Research Assistant

(August 1998 – July 2000)

Department of Economics, University of Central Florida, Orlando, FL

AWARDS AND HONORS

- **Outstanding Teaching of a Course Award**, Southern Agricultural Economics Association, Presented at Annual Meeting, February 2016, San Antonio, TX
- **College of Agricultural and Life Sciences Undergraduate Teacher of the Year 2012 – 2013**, College of Agricultural and Life Sciences, University of Florida, Gainesville, FL
- **Students Choice: Outstanding Teacher of the Year 2012 – 2013 Award**, Agricultural Economics Club, University of Florida, Gainesville, FL
- **Students Choice: Outstanding Teacher of the Year 2011 – 2012 Award**, Agricultural Economics Club, University of Florida, Gainesville, FL
- **International Agricultural Trade Research Consortium (IATRC) Travel Award**, December 2011, St. Petersburg, FL
- **Dissertation of the Year Award 2010**, Food and Resource Economics Department, University of Florida, Gainesville, FL
- **Students' Choice: Teacher of the Year 2009 - 2010 Award**, Agricultural Economics Club, University of Florida, Gainesville, FL
- **Outstanding Contributions in Teaching 2007 – 2008 Award**, Food and Resource Economics Department, University of Florida, Gainesville, FL
- **Students' Choice: Teacher of the Year 2007 - 2008 Award**, Agricultural Economics Club, University of Florida, Gainesville, FL
- **University of Florida Alumni Graduate Fellowship Award**, 2000-2004, University of Florida, Gainesville, FL

RESEARCH

Publications

"Motivation, Preparation, and Attitudes of Agricultural and Resource Economics Master's Students" (with Jerrod Penn), *North American Colleges and Teachers of Agriculture (NACTA) journal*, v62, n4, December 2018: 294 - 297.

"The Composition, Preparation, and Aspirations of Agricultural and Resource Economics PhD Students" (with Jerrod Penn), *North American Colleges and Teachers of Agriculture (NACTA) journal*, v61, n3, September 2017: 184 - 188.

Curriculum Vitae

Updated: September 2020

“Career Skills: Perceptions of Importance and High Impact Learning Activities for Skill Development in Agricultural Economics and Agribusiness Programs” (with Maria Bampasidou, Kelly Grogan, and Jennifer Clark), *North American Colleges and Teachers of Agriculture (NACTA) Journal*, v60, n1a, May 2016: 36 - 42.

“The Impact of Historical and Regional Networks on Trade Volumes in the Western Hemisphere: An Application of Two Gravity Models” (with James L. Seale, Jr.). *Journal of International and Global Economic Studies*, v4, n2, December 2011: 1-29.

“History and Regionalism and CARICOM Trade: A Gravity Model Analysis”, (with James L. Seale, Jr. and Timothy Taylor), *Journal of Development Studies*, v42, n5, July 2006: 795-811.

“Inequality Among Women and its Impact on Economic Growth: The Case of MENA [Middle East and North Africa]” (with Djehane Hosni and Adriana Chanmala) in *Sustainable Human Development in the Twenty-First Century: An Evolutionary Perspective*, edited by Ismail Sirageldin, in *Encyclopedia of Life Support Systems (EOLSS)* on-line, EOLSS Publishers: Oxford, UK, [<http://www.eolss.net>].

“Trade Relationships and Economic Development: The Case of the Southern African Development Community” (with Thomas L. Martin), *South African Journal of Economics*, v69, n3, September 2001: 405-435.

STUDENT ADVISING

Undergraduate Coordinator (February 2015 – August 2018)

Food and Resource Economics Department, University of Florida, Gainesville, FL

Academic Advisor (July 2014 – February 2015)
(September 2004 – August 2013)

Food and Resource Economics Department, University of Florida, Gainesville, FL

Academic Advisor (August 2013 – July 2014)

Department of Business Administration, Flagler College, Saint Augustine, FL

Faculty Advisor (January 2007 – August 2013)
(July 2015 – August 2018)

Food and Resource Economics Academic Quiz Bowl Team

Food and Resource Economics Department, University of Florida, Gainesville, FL

OTHER SERVICE

Member (Summer 2019)

Search Committee for Visiting Prof. Position, University of South Florida, Tampa, FL

De-Facto Coordinator (June 2019 to present)

ECO3101 Outcome Assessment Instrument, University of South Florida, Tampa, FL

Member (September 2018 to present)

Undergraduate Policy Committee, University of South Florida, Tampa, FL

Member (September 2018 to present)

Adjunct / Teaching Assistants Committee, University of South Florida, Tampa, FL

Chair (September 2018 to December 2018)

Instructor Promotion Guidelines Committee, University of South Florida, Tampa, FL

Member (September 2018 to present)

Adjunct/GA Teaching Committee, University of South Florida, Tampa, FL

Chair (April 2017 to June 2017)

Peer Teaching Assessment Committee, University of Florida, Gainesville, FL

Member and Best Practices Sub-Committee Chair (March 2017 to April 2018)

Provost's University of Florida Retention Task Force, University of Florida, Gainesville, FL

Curriculum Vitae

Updated: September 2020

Faculty Advisor (August 2016 to present)
 Agricultural and Applied Economics Association Student Section

Member (February 2016 to July 2017)
CALS Council for Teaching Enhancement & Innovation, University of Florida, Gainesville, FL

Member/Chair (February 2016 to present)
Outstanding Teaching of a Course Award Selection Committee, Southern Agricultural Economics Association

Member (December 2015 – May 2016)
Search Committee, Food and Resource Economics, University of Florida, Gainesville, FL

Member (April 2015 to present)
Undergraduate/Graduate Scholarships Committee, Food and Resource Economics, University of Florida, Gainesville, FL

Topic Leader: Trade (September 2014 – August 2016)
 International Trade area, Agricultural Applied Economics Association

Graduate Faculty Appointment (November 2014 to present)
 University of Florida Graduate School, Gainesville, FL

Member (December 2013 – March 2014)
Search Committee, Sports Management, Flagler College, Saint Augustine, FL

Member (May 2014 – July 2014)
Search Committee, Economics, Flagler College, Saint Augustine, FL

Member (August 2013 – July 2014)
Curriculum Committee, Flagler College, Saint Augustine, FL

Member (August 2012 – August 2013)
Academic Programs Policy Committee (elected member), Food and Resource Economics Department, University of Florida, Gainesville, FL

Translator (March 2012 – April 2012)
 Translation (English to Swedish) of International Marketing Survey project for the *Florida Agricultural Market Research Center*, University of Florida, Gainesville, FL

Committee Chair (Fall 2007 – Spring 2008)
Economics and Quantitative Sub-Group Faculty Committee for Undergraduate Curriculum Enhancement Project, Food and Resource Economics Department, University of Florida, Gainesville, FL

Senior Faculty Advisor (August 2007 – May 2008)
College of Agricultural and Life Sciences College Council
 University of Florida, Gainesville, FL

Junior Faculty Advisor (August 2006 – August 2007)
College of Agricultural and Life Sciences College Council
 University of Florida, Gainesville, FL

Reviewer
Macroeconomics, 4th edition, Charles I. Jones, forthcoming, W.W. Norton & Company
Microeconomics, 4th edition, Paul Krugman and Robin Wells, 2015, Worth Publishers.
Macroeconomics, 9th edition, N. Gregory Mankiw, 2015, Worth Publishers.
Modern Principles of Economics, 1st edition, Tyler Cowen and Alex Tabarrok, 2010, Worth Publishers
Macroeconomics, 3rd edition, Charles I. Jones, 2014, W.W. Norton & Company
Agricultural Economics (journal reviewer)

COMPUTER SKILLS

Gauss, Stata, Limdep, WebCT, Blackboard, Canvas, Sakai, and Microsoft Office

LANGUAGES

Fluent in English and Swedish. Reading proficiency in Danish and Norwegian

MEMBERSHIPS

International Agricultural Trade Research Consortium (IATRC)

Dr. Michael R. Snipes

University of South Florida, Sarasota-Manatee	E-mail: snipes@usf.edu
8350 N. Tamiami Trail, SMC C263	Office Phone: (941) 359 – 4559
Sarasota, FL 34243	Cell Phone: (303) 752 - 9752

Education

Ph.D. Economics, University of Colorado at Boulder, 2008

M.A. Economics, University of Colorado at Boulder, 2005

B.A. Economics, University of Texas at Austin, 2002

Teaching Experience

University of South Florida - Sarasota, Manatee (USFSM), Sarasota, FL

Instructor II of Economics, Fall 2018 - current

Instructor I of Economics, Fall 2014 – Summer 2018

Courses Taught – Undergraduate Level

Principles of Microeconomics, Principles of Macroeconomics, Intermediate Microeconomics, Labor Economics, International Trade, Economics of Sports, Honors Thesis Project Advising, Individual Study/Student Research

Graduate Level

Economic Concepts/Managerial Economics, Global Economic Environment of Business

Eastern New Mexico University (ENMU), Portales, NM

Assistant Professor of Economics, Fall 2008 – Spring 2013

Courses Taught – Undergraduate Level

Principles of Microeconomics, Principles of Macroeconomics, Managerial Economics/Intermediate Micro, Macroeconomics for Business/Intermediate Macro, Introduction to Game Theory, International Trade, Survey of Economics, Individual Study/Student Research

Graduate Level

International Trade, Managerial Economics

University of Colorado, Boulder, CO

Instructor, Labor Economics, Spring 2006

Research

Accepted/Published Articles

Hao, F., Guizhen H., and Snipes, M. "A Comparative Study of the Economy's Environmental Impact between States in the United States and Provinces in China." *Journal of Environmental Studies and Sciences* 8(2):132–141, 2018.

Taylor, D.C., Snipes, M., & Barber, N. "Indicators of Hotel Profitability: Model Selection Using Akaike Information Criteria." *Tourism and Hospitality Research*, Volume: 18 issue: 1, page(s): 61-71, 2016.

Snipes, M., & Taylor, D.C. "Model Selection and Akaike Information Criteria: An Example from Wine Ratings and Prices." *Wine Economics and Policy*, Vol. 3, Issue 1, 2014.

Snipes, M., Cunha, T., and Hemley, D. "Unemployment Fluctuations and Regional Suicide: 1980-2006", *Journal of Applied Economics and Business Research*, Vol. 2, Issue 2, 2012.

Snipes, M., Cunha, T., and Hemley, D. "An Empirical Investigation into the Relationship Between Changes in the Business Cycle and the Incidence of Suicide", *International Journal of Social Economics*, No. 6, 2011.

Luhman, J. T. & Snipes, M. "Rating the Performance of Teaching at a Small State Business College." *2011 Association of Collegiate Business Schools and Programs Annual Edition*.

Taylor, D.C., Parboteeah, D.V., & Snipes, M. "Winery Websites: Effectiveness Explored." *Journal of Business Administration Online*. 9(2), 2010.

Community Projects and Research

Socio-Economic Impact Study Regarding Van Wezel Foundation's Proposed Sarasota Performing Arts Center: An analysis of the Socio-Economic Impact associated with the proposed Sarasota Performing Arts Center (SPAC), July 2020

Snipes, M. "Economic Impact of the Proposed Animal Shelter and Adoption Center for Manatee County." Prepared for Animal Network Inc. and the Manatee County Government, July 2018.

Completed Manuscripts and Ongoing Research

Submitted - Snipes, M and Henrie, K. "Economics as Myth: Comparison of Mythological Narratives in Iceland and the United Kingdom." *Journal of Interdisciplinary Economics*, September 2019.

Service

University and College Service, USFSM

- Incredi-Bull Critical Thinking Committee – Fall 2019 - current
- Economics Bylaws Revision Committee – Summer 2020
- Economics Curriculum Alignment Committee – Fall 2019
- Core Curriculum Committee – Fall 2018 – Spring 2020
- Instructor Promotion Committee – AY 2018, AY 2019
 - Chair for one of two applicants
- Instructor Review Committee – Fall 2016 – Spring 2018
 - Chair, AY 2017 - 2018
 - Creation of CLASS Faculty Guidelines for Instructor Promotion and Annual Review, Spring 2017
- Creation and Development of Economics Minor – Fall 2016
- Faculty Research Spotlight co-Editor – Summer 2017 – Fall 2018
- Faculty Research Promotion Committee - Spring 2017 – Fall 2018
- Search Committee, Environmental Sciences and Policy Instructor – Fall 2019 - current
- Search Committee, Assistant Professor of Economics, USF – Tampa – Fall 2018 – Spring 2019
- Co-organizer, Graduating Students Etiquette Dinner - Fall 2017, Fall 2018
- President's Circle for Donations, USF System
- Adjunct Search Committee - Fall 2017
- Faculty Advisor, SCUBA Club – Fall 2016 – Spring 2018
- Faculty Advisor, Cooking Club – Spring 2017 – Spring 2018
- CLASS Faculty Nominations Committee - Spring 2016 – Fall 2016
- Submission Judge, Student Research Conference – Fall 2014, Spring 2016
- University Social Planning Committee – Summer 2015 – Spring 2016

Professional Service

- Reviewer, *Journal of Business Research*, Spring 2019
- Reviewer, *Sociological Spectrum*, Fall 2017
- Reviewer, *Wine Economics and Policy*, Fall 2016
- Paper Referee, Business, Society and Government Consortium (BSG), Spring 2009, Spring 2011

Awards/Grants

USFSM

- Economic Impact Study for the Van Wezel Foundation, \$50,000, (Co-I), 2020.
- Faculty Development Grant, AY 2019/2020, \$1,500 to develop study abroad program

- Mentor for first place finisher in Social Sciences, Student Research Symposium, Spring 2017
- Mentor for third place finisher in Business, Student Research Symposium, Spring 2016

Professional Association Memberships

American Economics Association, Viking Society for Northern Research, Association for Social Economics

GIULIA LA MATTINA

Curriculum Vitae
December 2020

University of South Florida
Department of Economics
4202 East Fowler Avenue
Tampa, FL 33620-5500

Phone: 813/974-0461
Email: glamattina@usf.edu
Web: <http://blogs.bu.edu/glamatt/>

CURRENT ACADEMIC POSITIONS AND AFFILIATIONS

2019 – Research Fellow, Institute for the Study of Labor (IZA)
2020 – Associate Professor, Department of Economics, University of South Florida

PREVIOUS ACADEMIC POSITIONS AND AFFILIATIONS

2013 — 2020 Assistant Professor, Department of Economics, University of South Florida

EDUCATION

2013 – Ph.D., Economics, Boston University, Boston, MA, 2013
2007 – M.Sc. Economics (110/110 cum laude), Bocconi University, 2007
2004 – B.Sc. Economics (110/110 cum laude), Bocconi University, 2004

PUBLICATIONS

“Conflict Migration and Social Networks: Empirical Evidence from Sri Lanka”, *Rivista di Politica Economica*, November 2008
“Civil Conflict, Domestic Violence and Intra-Household Bargaining in Post-Genocide Rwanda” *Journal of Development Economics*, 2017, 124: 168-198
“Assisted Reproductive Technology and Women’s Choice to Pursue Professional Degrees” (with Sarah Kroeger). *Journal of Population Economics* 30.3 (2017): 723-769.
““Misfits”, “Stars” and Immigrant Entrepreneurship” (with Shulamit Kahn and Megan MacGarvie). *Small Business Economics* (2017): 1-25
“How Persistent is the Effect of Conflict on Primary Education? Long-run Evidence from the Rwandan Genocide” *Economics Letters* 163 (2018): 32-35.
“Female Leaders and Gender Gaps within the Firm: Evidence from Three Sub-Saharan African Countries” (with Gabriel Picone, Ahoure Alban, Assi Kimou). *Review of Development Economics* 2018;1–29.

“Does Maternal Education Decrease Female Genital Cutting?” (with Elisabetta De Cao). *AEA Papers and Proceedings* 2019, 109: 1–5

Do Nuisance Ordinances Increase Eviction Risk? (with Sarah Kroeger). *AEA Papers and Proceedings* 2020, 110: 452–456

WORKING PAPERS

“Intergenerational Transmission of Health at Birth from Mothers and Fathers” (with Osea Giuntella and Climent Quintana-Domeque). *Under review*

“Growing Up in a Conflict and Attitudes Towards Violent Behavior” (with Olga Shemyakina) *Under review*

GRANTS, FELLOWSHIPS, HONORS AND AWARDS

2020	Faculty International Travel Grant, University of South Florida
2018	Faculty International Travel Grant, University of South Florida
2016	UNU-WIDER Gender and Development Project (PI)
2014	CAS Pilot Studies Award, University of South Florida
2014	CAS Faculty Travel Award, University of South Florida (declined)
2014	Faculty International Travel Grant, University of South Florida
2012	Special Research Fellowship, Boston University
2012	IED Travel Grant, Boston University
2012	Summer Research Grant, Boston University
2012	Rosenstein-Rodan prize for the Best Paper in Development Economics, Institute for Economic Development, Boston University
2011-2012	Funding for a Research Assistant, RA Mentor Program, Boston University
2010-2013	Graduate Student Fellowship, Boston University
2008-2010	Giovanna Crivelli Fellowship, Unicredit Group
2008	A. Costa Memorial Prize for Best Italian Undergraduate Thesis
2007	Roberto Franceschi Prize for Master Dissertation, Bocconi University

PRESENTATIONS AT CONFERENCES AND SEMINARS

2020-2021	Southern Economic Association (SEA) Meetings (Virtual session), Oslo Business School Department of Economics Seminar
2019-2020	SEA Meetings, Virtual SOLE/EALE/ASSLE, Virtual World Congress of the Econometrics Society
2018-2019	American Economic Association (AEA) Annual Meeting, Workshop in Applied and Theoretical Economics
2017-2018	European Society of Population Economics Conference, Society of the Economics of the Household Conference, Empirical Studies of Conflict Annual Meeting, AEA Annual Meeting, University of Oslo Department of Economics ESOP Seminar, Tilburg University Department of Economics Brown Bag Seminar, SEA Meetings
2016-2017	Society of Labor Economics (SOLE) Meetings

2015-2016	SEA Meetings, Unu-Wider Gender and Development Workshop
2014-2015	International Health Economics Association Conference, SOLE Meetings, University of Kansas Department of Economics Seminar, AEA Annual Meeting, University of Central Florida Department of Economics Seminar
2013-2014	IZA Annual Meeting on the Economics of Risky Behaviors Workshop, University of Oxford Blavatnik School of Government Health Economics and Policy Workshop, Center for the Study of African Economies (CSAE) Conference, SEA Meetings, Household in Conflict Network Workshop
2012-2013	Summer School in Development Economics, Jan Tinbergen European Peace Science Annual Conference, Two-Part Seminar Series on Peace and Conflict at Amherst College, Boston University Graduate Student Conference in African Studies, North East Universities Development Consortium Conference, European Association of Labor Economists Conference
2011-2012	European Economic Association Conference, IZA Summer School, CSAE Conference, SEA Meetings

COURSES TAUGHT

Labor Economics (Ph.D.), Labor Economics (Undergraduate), Development Economics (Undergraduate)

PH.D. STUDENT COMMITTEES (* DENOTES CHAIR OF COMMITTEE)

Youssef Fassi Fehri (2016), Robyn Kibler (2017), Robin Dhakal (2017), Stephen Poteet (2020), Minglu Sun (ongoing), Lei Lv* (ongoing)

AFFILIATIONS

Households in Conflict Network

REFEREE

Contemporary Economic Policy, Economics Bulletin, Economics and Human Biology, Economic Development and Cultural Change, Journal of the European Economic Association, Journal of Population Economics, Review of the Economics of the Household, Journal of Demographic Economics, Journal of Development Economics, Journal of Health Economics, Journal of Peace Research, Journal of Psychosomatic Obstetrics & Gynecology, Population Research and Policy Review, Small Business Economics, World Bank Economic Review, World Development.

REVIEWER

National Science Foundation (*ad hoc*).

KOGNITO UPDATE

Presentation to

Academic and Campus Environment Committee

By

Paul Dosal, Vice President for Student Success

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May 25, 2021



Background

- BOG Drugs, Alcohol and Mental Health Task Force est. Spring 2018
- Charged to develop policies, programs, and practices that promote overall campus health and safety
- Focus on educational outreach, prevention, and intervention
- MWell4Success program applied a public health approach to improving mental wellbeing among USF students
- Significant USF recurring investment in counselors
- Mandatory training module for all faculty and staff

At-Risk for University and College Faculty & Staff

at-risk

At-Risk for University and College Faculty & Staff

- 45 minutes
- Accepted for Review in National Registry of Evidence-Based Programs and Practices (NREPP)
- Listed in SPRC/AFSP Best Practices Registry
- Co-created with mental health experts and educators



Conversations Include:

- a student, Gwen, who has good grades but is overly worried about her performance and anxious about exams and presentations
- a student, Jared, whose behavior has become increasingly erratic over the semester
- a student, Alberto, whose grades and attendance are getting worse.



Presentation to the BOG, March 23, 2021

% of Faculty & Staff who Completed Kognito

FAMU	86%
FAU	91%
FGCU	72%
FIU	88%
FL Poly	82%
FSU	99%
New College	77%
UCF	98%
UF	96%
UNF	78%
USF	90%
UWF	93%



Institution Name: University of South Florida

Kognito Mental Health Literacy Training

	Official Employee Headcounts as of January 1, 2021 (should match prior submission^)	Official Employee Headcounts as of May 07, 2021	Number of Kognito Training Completions as of January 31, 2021 (of those employed as of January 1, 2021) (should match prior submission^)	Number of Kognito Training Completions as of May 07, 2021	Percentage Complete
Faculty	2585	2580	2354	2537	98.33%
Staff	4897	4890	4682	4882	99.84%
Other Staff with Direct Student Contact (i.e., adjuncts, graduate assistants, & resident assistants)	3461	3386	2818	3325	98.20%
Total Faculty & Staff Trained	10943	10856	9854	10744	98.97%
Additional Staff Trained (i.e., student OPS & federal work study students) Do NOT include in the above totals.	2634	2764	2490	2714	98.19%
Totals	13577	13620	12344	13458	98.81%
Date this information was or will be presented to the University Board of Trustees. Documentation due June 17.	5/25/2021				

Questions?
Thank You



Academic Affairs and Student Success: Plan for Resumption of On-Campus Activities

ACE Committee, May 25, 2021

Ralph C. Wilcox | Provost & Executive Vice President



State University System Announces 2021-22 Academic Year Plans

TALLAHASSEE – The State University System of Florida is pleased to announce that all 12 public universities expect to increase classroom occupancy to pre-Covid capacity by the 2021-22 academic year and return to pre-Covid operations. Further, we anticipate returning to full in-person participation in athletic and social activities on our campuses, including fan participation in stadiums and arenas.

We applaud Governor Ron DeSantis, the Florida Department of Health, and the Florida Division of Emergency Management for their success in securing the availability and access to Covid-19 vaccinations for our students, faculty, and staff, as well as the extraordinary efforts of our faculty and administrations to continue to provide high-quality education and services for our students.

Updated university information about Covid-19 is available on the Board of Governors' website at www.flbog.edu.

Updated Covid-19 Guidance

The University of South Florida is grateful for the enormous efforts of state leadership to provide ample opportunities for all Florida residents to receive the COVID-19 vaccine. [Vaccines are now widely available](#) through many sites on and off campus.

With this in mind, USF expects that faculty, staff and students will take advantage of these opportunities to protect themselves and the rest of our community as we look forward to more normalcy on our campuses in the weeks to come. In light of this effort, USF will continue to follow direction from the Board of Governors and guidance from the CDC in relation to face coverings.

On Thursday, May 13, the CDC announced they no longer recommend face coverings indoors or outdoors for fully vaccinated individuals. Face coverings are recommended for those not fully vaccinated. For more information about vaccinations and help scheduling your vaccination appointment, visit www.usf.edu/vaccine-info. For all other COVID-related information visit www.usf.edu/coronavirus.

Thank you for your ongoing compassion, resilience and patience as we navigate our safe return together.

Return to Full On-Campus Operations

College and Academic Support Unit Plans

- The 13 colleges and academic support units continue to support appropriate on-campus and remote staffing levels to meet student and faculty needs and in alignment with USF's BOG approved Covid-19 mitigation plan.
- All colleges and academic support units have developed *Return to Campus Plans* addressing the unique needs of students, faculty, and staff.
- Leveraging lessons learned and best practices.

Academic Support Units

Provost's Office
Vice Chancellor for Academic Affairs
(branch campuses)
USF Libraries
Financial Aid
Registrar's Office
Admissions
Undergraduate Studies
Graduate Studies
Faculty Success
Innovative Education
USF World
Office of Decision Support
Florida Center for Cybersecurity
Florida Institute of Oceanography

College and Academic Support Unit Plans

Colleges and academic units have adapted to this unique opportunity to reassess, enhance, and optimize student, faculty, and staff support. As an example:

Recognizing that students are experiencing new circumstances since spring 2020, we continue to meet students where they are while remaining committed to high-quality delivery and support.

- Expanded class sections and seats based on student demand,
- Extended service hours outside of the typical M-F workday,
- Dual modality offerings related to advising and other student services,
- Special emphasis on full-time, in-person support for departments crucial to the success of first-year students and faculty.

Developing flexible work environments for staff ensuring USF's ability to compete for top-talent in a new borderless, employment landscape. While also addressing space constraints in campus buildings.

Note: As we have done throughout the pandemic USF will be prepared to pivot to remote operations should the circumstances dictate.

Supporting Student Success: On-Campus and Remotely

- Recreation centers on all three campuses will resume partial service beginning June 1 and full service no later than June 28th
- Student Success offices across campuses are increasing in-person hours and availability leading up to June 28th and will continue remote services (based on needs of students)
- A variety of student programs and events will continue to be delivered in a blended format to provide both in-person and remote access across all three campuses





Reconnecting Our Campus Community

In-person Summer Events

- Summer Week of Welcome
June 28 – July 4 (all campuses)
- Tampa campus
 - “Summer in South Florida”
 - Student Involvement Fair
 - “Tuesday on the Lawn” Weekly
- St. Petersburg campus
 - 3-5 events per week
- Sarasota Manatee campus
 - #HowToCollege Workshops
 - Summer Beginnings Celebration

Supporting Faculty Success: On-Campus and Remotely

As part of our ongoing **Faculty Success Initiative**, we intend to meet our faculty where they are, events will continue to be delivered in a blended format to provide equitable access to faculty across all three campuses.

Faculty Events*

- Early Career Faculty Workshop Series (Monthly)
- The National Alliance for Inclusive & Diverse STEM Faculty
- Chairs' Planning Workshop for Formative Faculty Assessment
- Planning Workshop on Multi-dimensional Faculty Mentoring
- Building Communities of Learners
- Engaging Students Through Technology
- Online Proctoring Solutions
- Supporting Learning in HyFlex Modalities
- Inclusive Teaching and Learning
- Getting Started in the Scholarship of Teaching and Learning
- Using the Information + Data Literacy Canvas Workshops for Instruction
- Open Access Toolkit for faculty publishing
- Integrating Special and Digital Collections into Faculty Courses and Research

****Events in collaboration with: Innovative Education, USF Libraries, Center for Innovative Teaching and Learning (CITL), Office of the Provost, and Faculty Success Initiative workgroups.***

New Faculty Orientation

Sponsored by the Office of the Provost



**August 9th
to August 12th**



In-person and virtual
workshops/information sessions to
integrate new faculty across all three
campuses



Admissions & Enrollment Updates

Applications, Admits, Deposits: Summer/Fall 2021

75,097

UG/GR Applications
Processed

23.9% increase from 2020

34,731

UG/GR Students
Admitted

26.2% increase from 2020

FTIC	Deposits	Class size
2021	6880	6300
2020	5946	5800

Preliminary Enrollment Data as of 5/10/21





FTIC Goals

- ✓ 6300 **Enrolled** students for One USF
- ✓ 650 **Enrolled** students St. Petersburg campus
- ✓ Increase **number** of black students in summer/fall entering FTIC class
- ✓ Increase **percentage** of black students in summer/fall FTIC class

FTIC Summer/Fall Summary

One USF Deposits		
	2021	2020
All Students	6880	5946
Black Students	457	398
Hispanic Students	1410	1314

← 11.4% increase

← 14.8% increase

← 7.3% increase

St. Petersburg campus Deposits		
	2021	2020
All Students	795	423
Black Students	48	18
Hispanic Students	183	87

← 87.9% increase

← 166.7% increase

← 174.1% increase

Preliminary Enrollment Data as of 5/10/21



FTIC Fall Student Profiles

Tampa campus	HS GPA	4.15
	SAT	1298
St. Petersburg campus	HS GPA	4.12
	SAT	1274
Sarasota-Manatee campus	HS GPA	4.34
	SAT	1268
One USF	HS GPA	4.15
	SAT	1295

Avg # of SAT/ACT Tests (Summer/Fall)	
2018	2.86
2019	2.89
2020	2.7
2021	2.18

← -0.03 from Fall 2020

← -17 from Fall 2020

* Preliminary Enrollment Data as of 5/10/21



National Merit Scholars & Provost Scholars Program

National Merit Scholars Deposits	
Tampa campus	57
St. Petersburg campus	5
One USF	62

← Possibly first in USF St. Peterburg campus history.

Note: 67 have identified USF as their first choice with National Merit Board.
Students must list USF 1st to receive Benacquisto. They have until June to deposit

Provost Scholars Program (PSP) Deposits	
Current Admits	19
Goal Class Size	60

Note: The admissions cycle for PSP runs through July 15.

Preliminary Enrollment Data as of 5/10/21



Judy Genshaft Honors College

JGHC Academic Student Profile

HS GPA	4.44
SAT	1518
ACT	34.6

Judy Genshaft Honors College Deposits

	2021	2020
Tampa campus	798	827
St. Petersburg campus	78	33
USF Sarasota Manatee campus	10	7
One USF	886	867

Preliminary Enrollment Data as of 5/10/21



Transfer Students, One USF

One USF Transfers Summer/Fall Admits			
	2021	2020	
All Students	5805	4991	← 16.3% increase
Black Students	742	586	← 26.6% increase
Hispanic Students	1283	1124	← 14.1% increase

Preliminary Enrollment Data as of 5/10/21



Master's Students

One USF Masters Fall Admits

	2021	2020
All Students	3545	2903
Black Students	236	145
Hispanic Students	347	298

← 22.1% increase

← 62.8% increase

← 16.4% increase

Preliminary Enrollment Data as of 5/10/21



Doctoral Students

One USF Doctoral Fall Admits		
	2021	2020
All Students	737	701
Black Students	51	33
Hispanic Students	75	67

← 5.1% increase

← 54.5% increase

← 11.9% increase

Preliminary Enrollment Data as of 5/10/21



Summer/Fall Housing

2021 - 2022 Summer			
Term	Dates	Tampa campus	St. Petersburg campus
A	May 14 - June 26	11	3
B (including ACE)	June 25 - August 7	538	84
C	May 14 - July 24	33	5
AB (including Ras)	May 14 - August 7	60	28
Athletes in post season play	May 10 -May 31	38	0
TOTAL		680	120

2019 & 2020 Summer	
	One USF
2020	62
2019	1656

2021 - 2022 Academic Year		
	Total Applications	Room Assignments
Tampa campus	5464	4101
St. Petersburg campus	583	454
TOTAL	6047	4555

2020 - 2021 Academic Year		
	Fall 2020 Residents	Spring 2021 Residents
Tampa campus	3566	3731
St. Petersburg campus	305 (combined)	

Summer/Fall Class Section & Seat Count

Class Modalities

Hybrid Blend (HB)

Courses are a blend of face-to-face (on-campus) meetings and online learning.

HyFlex

Course modality in which students engage in live, synchronous sessions either in-person or via an online platform. Students can change their mode of attendance based on need or preference. Courses may require specific in-person attendance for exams and/or presentations which are noted in the course syllabus.

All Online (AD)

Courses are fully online with no face-to-face (on-campus) meeting requirements.

Primarily Distance Learning (PD)

Courses are primarily online learning with minimal face-to-face (on campus) meeting requirements.

Classroom (CL)

Courses are fully in-person.

Class Sections Offered by Modality, One USF

	Summer 2019	Summer 2020	Summer 2021	Fall 2019	Fall 2020	Fall 2021
One USF						
Classroom (CL)	62%	0.5%	42%	81%	29%	77%
Hybrid (HB)	1%	0%	11%	1%	20%	4%
HyFlex				0%	0%	1%
Primarily Distance (PD)	1%	0%	2%	1%	4%	1%
All Distance (AD)	37%	99.5%	46%	18%	48%	18%

Preliminary Enrollment Data as of 5/21/21, Drop/Add



Max Seat Count Offered by Modality, One USF

	Summer 2019	Summer 2020	Summer 2021	Fall 2019	Fall 2020	Fall 2021
One USF						
Classroom (CL)	47%	0%	20%	67%	17%	65%
Hybrid (HB)	1%	0%	7%	1%	14%	4%
HyFlex				0%	0%	1%
Primarily Distance (PD)	1%	0%	2%	2%	4%	1%
All Distance (AD)	51%	100%	71%	30%	65%	30%

Preliminary Enrollment Data as of 5/21/21, Drop/Add





Update on the Faculty Success Initiative at USF: *A Strategic Holistic Approach*

*Presented to the Board of Trustees
Academics and Campus Environment Committee*

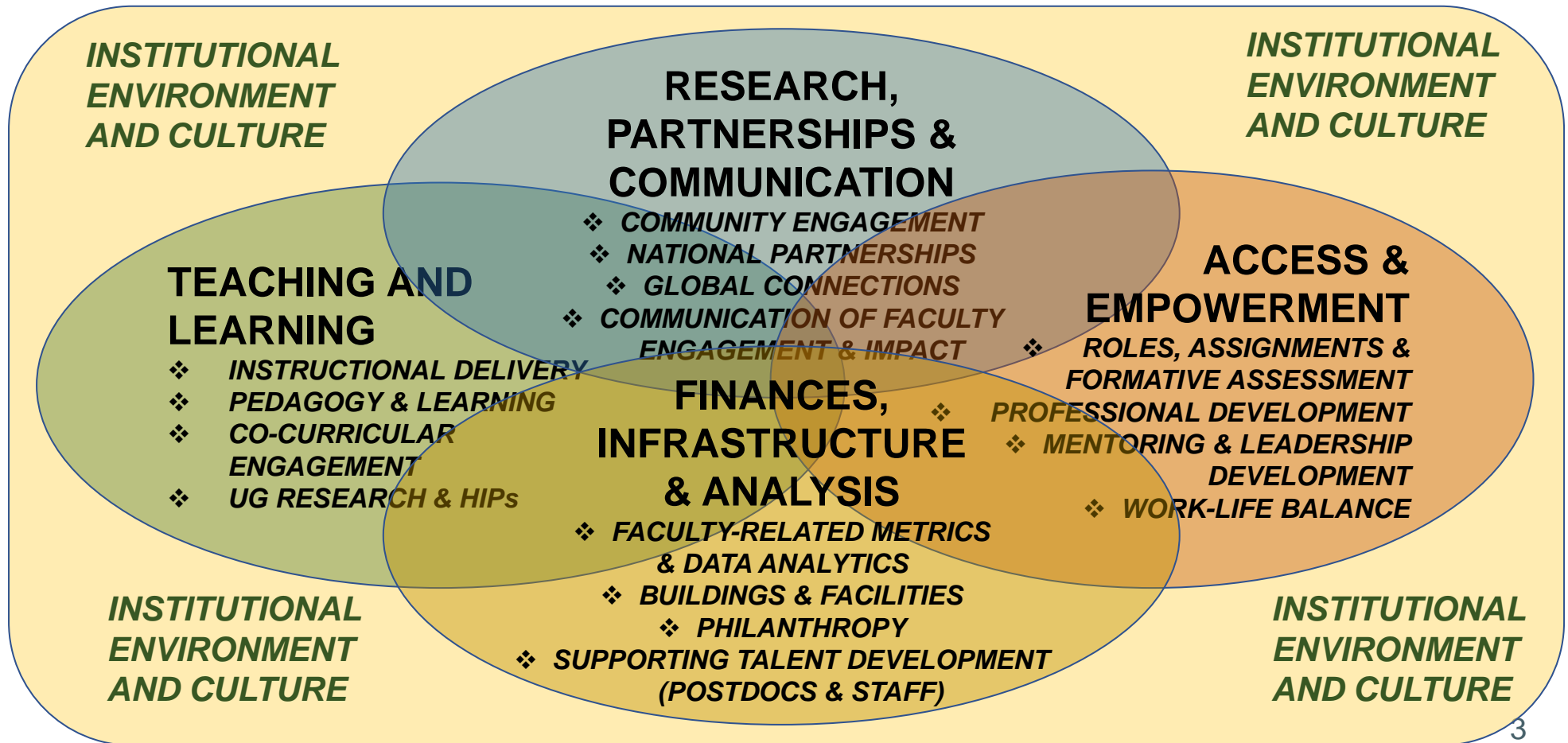
*Pritish Mukherjee, Ph.D.
Vice Provost for Strategic Talent Recruitment,
University Reputation & Impact
May 25, 2021*



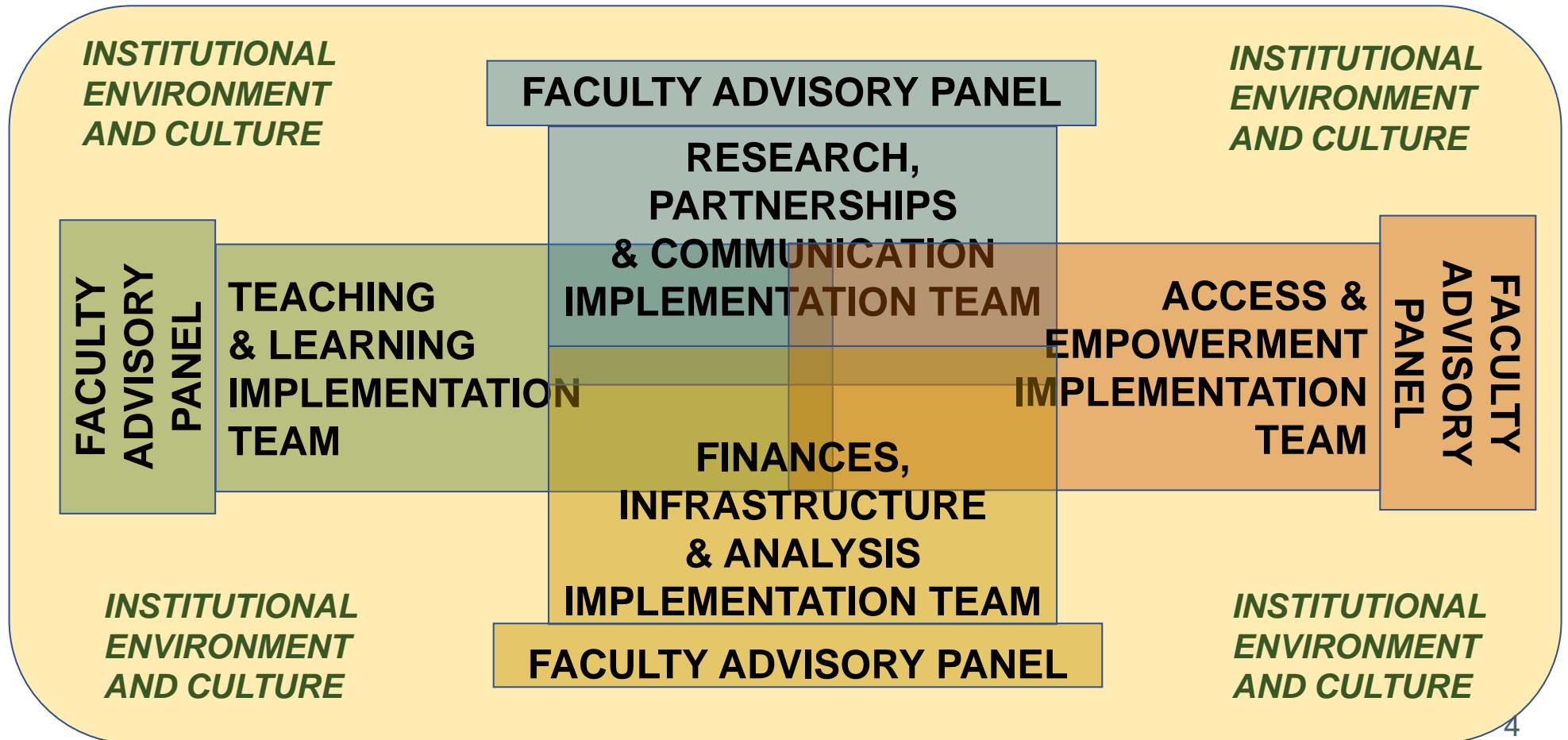
FACULTY SUCCESS: INSTITUTIONAL CONTEXT



A STRATEGIC FRAMEWORK FOR FACULTY SUCCESS



FACULTY SUCCESS INITIATIVE: ORGANIZATIONAL APPROACH



SUMMARY OF PROGRESS

- All Faculty Advisory Panels & Implementation Teams have convened
- The focus is on identifying goals and related initiatives
- To prioritize, the initiatives are being classified as those that can be implemented “Now” (immediate to end of CY2021), “Near” (CY2022 & CY2023), or “Far” (CY2024 and beyond)
- A new Faculty Success website is being developed to serve as a portal for useful information and communication for faculty

Some results so far

- Enhancing Faculty Professional Development and Diversity: Institutional membership for USF in NCFDD
- Furthering Faculty Success in Teaching & Learning: Formation of a unified Center for Innovative Teaching & Learning (CITL)
- Faculty engagement with community: Faculty research grants for understanding & addressing anti-Black racism
- Updated structure for New Faculty Orientation: Focus on Faculty Success
- Focus Groups on the New Faculty Experience at USF, Faculty Assessment & Mentoring
- Faculty input on future classrooms and technology
- Faculty sentiment surveys
 - COACHE Survey
 - Survey of the Faculty Experience in 2020-2021

Center for Innovative Teaching and Learning



- A *single, aligned and unified team* serving faculty members across all colleges.
- Coalescing our instructional and learning enterprise across *all campuses* and in *every modality*.
- A *centralized unit* that promotes both *faculty success* and *academic transformation* across our university.
- CITL provides meaningful opportunities for faculty to *engage in evidence-based practices* for the advancement of *learning and scholarly activity*.



Center for Innovative Teaching and Learning

- **Programs**
 - Faculty Learning Communities
 - Teaching and Learning Research Grants
 - CITL Faculty Scholars
- **Resources**
 - USF Teaching and Learning Toolkit
 - Newsletters, blogs, podcasts
- **Services**
 - Faculty Consultations
 - Course Observations
 - Small group instructional feedback
 - Targeted Workshops

THANK YOU!



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