



Welcome to Sunny USF!





UNIVERSITY OF
SOUTH FLORIDA

A PREEMINENT
RESEARCH UNIVERSITY

Measurement and Research Orientation 2019-2020

Agenda

Welcome

Robert Dedrick, Ph.D., Professor, Program Coordinator

Department of Educational and Psychological Studies

Barbara Shircliffe, Ph.D., Professor, Chair

Faculty Introductions

Staff Introductions: Todd Williams

Student Introductions

PowerPoint Presentation

Questions & Answers



Organization of the College

Information about our Program



UNIVERSITY OF
SOUTH FLORIDA

A PREEMINENT
RESEARCH UNIVERSITY



Dean
Rob Knoppel
EDU 105



Associate Dean for
Research &
Innovation and
Faculty Affairs
Kathy Bradley Klug
EDU 105F

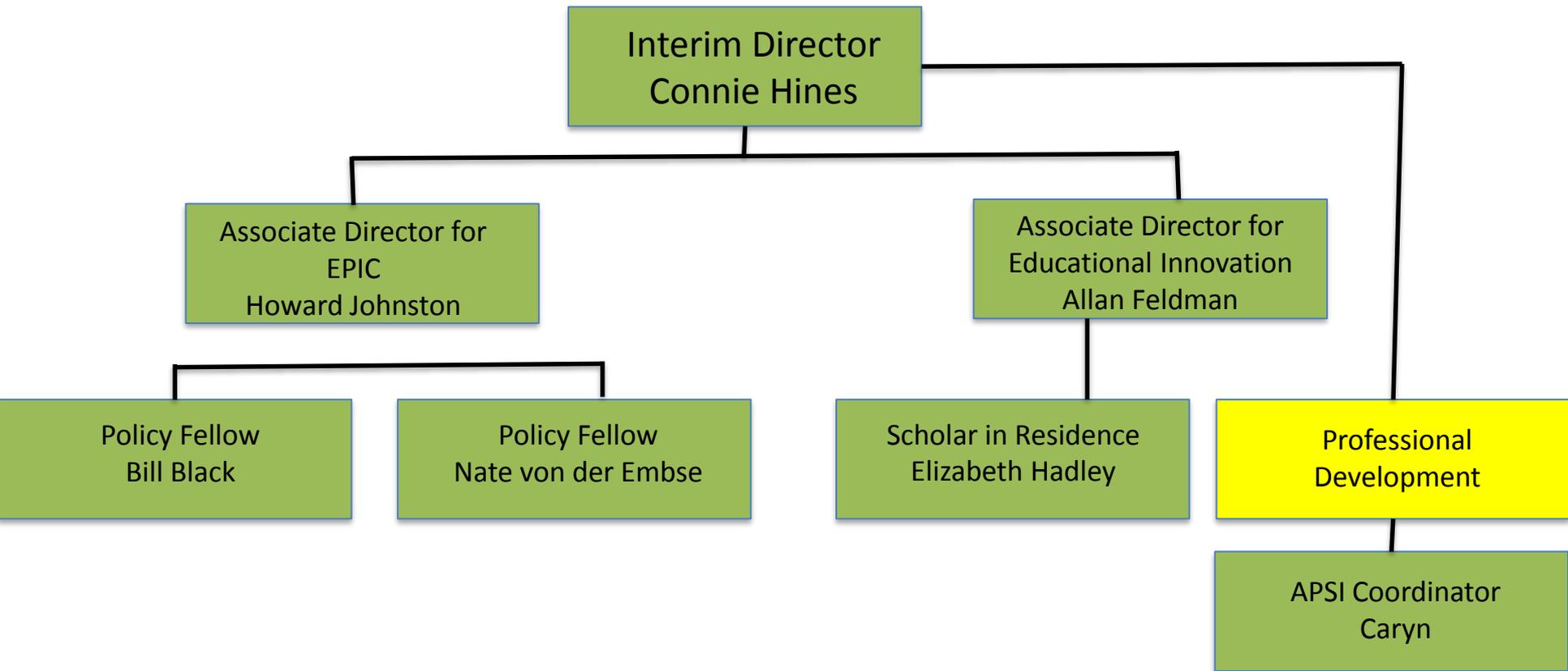


Associate Dean for Academic
Affairs
Ann M. Cranston-Gingras
EDU 105

David C. Anchin Center



Anchin Center



Gus A. Stavros Center



<https://www.usf.edu/education/stavros-center/>

4 Departments



**Barbara
Shircliffe**
Educational &
Psychological
Studies (EPS)
EDU 380P



**Deanna
Michael**
Teaching &
Learning (#3)



**Elizabeth
Shaunessy-
Dedrick**
Teaching &
Learning (#4)



**Judith
Ponticell**
Leadership,
Counseling,
Adult, Career &
Higher Education
(LCACHE)

Department of
Educational & Psychological Studies (EPS)

1. Educational Measurement and Research
2. Educational Psychology
3. Exercise Science
4. Instructional Technology
5. School Psychology
6. Social Foundations

Department of Educational & Psychological Studies

Department of Educational & Psychological Studies

Chair: Barbara Shircliffe, 813-974-4001, shirclif@usf.edu

Measurement & Research	Exercise Science	Educational Psychology	Instructional Technology	Social Foundations	School Psychology
APS Todd Williams	APS Heather Van Allen	APS Deana Russell	APS Todd Boyd	APS Deana Russell	APS Todd Williams
Coordinator Robert Dedrick, Professor	Coordinator Bill Campbell, Associate Professor	Coordinator Sarah Kiefer, Associate Professor	Coordinator Yiping Lou, Associate Professor	Coordinator Deirdre Cobb-Roberts, Associate Professor	Coordinator Jose Castillo, Associate Professor
Leia Cain, Instructor	Candi Ashley, Professor	Darlene DeMarie, Associate Professor	Nathan Fisk, Assistant Professor	Alisha Braun, Assistant Professor	George Batsche, Professor
Yi-hsin Chen, Associate Professor	Sam Buckner Assistant Professor	Lisa Lopez, Associate Professor	James Hatten, Instructor	Lauren Braunstein, Instructor	Kathy Bradley-Klug, Professor
Wendy Dickinson Visiting Assistant Professor	Mo Chiodini, Instructor	Tony Tan, Professor	Sanghoon Park, Assistant Professor	Paula Cate, Instructor II	Brittany Hearon Visiting Assistant Professor
John Ferron, Professor	Marcus Kilpatrick, Professor		Glenn Smith, Associate Professor	Barbara Shircliffe, Professor	Lindsey O'Brennan (Post-Doc.)
Eun Sook Kim, Associate Professor	Nic Martinez, Instructor				Natalie Romer Visiting Assistant Professor
Liliana Rodriguez- Campos, Professor					Diana Socie (Post Doc.)
Jennifer Wolgemuth, Associate Professor					Shannon Suldo, Professor
APS=Academic Program Specialists					Nate von der Embse, Assistant Professor

Academic Program Specialist



Deana-Kaye Russell: Educational
Psychology, Social Foundations
Room EDU 380 S
4-3515
deanakaye@usf.edu



Todd Williams: Measurement &
Research, School Psychology
Room EDU 360
4-8351
twillia@usf.edu

Academic Program Specialist



Heather Van Allen: Exercise Science
Room PED 214
4-3443
hvanallen@usf.edu



Todd Boyd: Instructional Technology
Room EDU 380 N
4-8354
toddboyd@usf.edu

Staff Contact Information and Responsibilities

Department of Educational & Psychological Studies

Chair: Barbara Shircliffe, 813-974-4001, shirclif@usf.edu

EPS Departmental Staff Responsibilities

Todd Boyd 813-974-8354 toddboyd@usf.edu	Deana Russell 813-974-3515 deanakaye@usf.edu	Heather Van Allen (.75) 813-974-3443 hvanallen@usf.edu	Todd Williams 813-974-8351 twwillia@usf.edu
<ul style="list-style-type: none"> • Department Payroll • Department Appointment Letters • Department Tuition Waivers • Department Computer Inventory • Department PERT 	<ul style="list-style-type: none"> • Departmental Logistics Support • EDU 380T and EDU 255 Lab reservations • Department - Manage Work Study Students (schedule and evaluation) • Department Office - Walk-ins (common expectations) • Book Store 	<ul style="list-style-type: none"> • Departmental Logistics Support • Department Office – Walk-in (common expectations) • PED Building 	<ul style="list-style-type: none"> • Department Workload: FAIR/FAR • Scheduling Measurement Conference Room (EDU 356) and Library • Department Space Survey



UNIVERSITY OF SOUTH FLORIDA

Educational Measurement and Research

Faculty



Statistics

John



Evaluation

Lili



Design
Qualitative
Methods

Jenni



Statistics

Eunsook



Faculty



Classroom Assessment
Design
Wendy



Measurement
Yi-hsin



Classroom Assessment
Qualitative methods
Mixed methods
Leia



Faculty



Statistics
Psychometrics

Oscar



Measurement
Design

Bob



Geographic
information systems
(GIS)

David



Faculty

Oscar L. Olvera Astivia	Assistant Professor	<ul style="list-style-type: none">• Statistical Methods• Quantitative Research Methods• Psychometrics
Leia Cain	Instructor	<ul style="list-style-type: none">• Classroom Assessment• Qualitative methods• Mixed Methods
Yi-hsin Chen	Associate Professor	<ul style="list-style-type: none">• Item Response Theory• Cognitive-psychometric Models
Robert Dedrick	Professor	<ul style="list-style-type: none">• Measurement• Research Design
Wendy Dickinson	Visiting Assistant Professor	<ul style="list-style-type: none">• Classroom Assessment• Data Visualization• Research Design

Faculty

John Ferron	Professor	<ul style="list-style-type: none">• Statistical Methods• Single-case Methods
Eunsook Kim	Associate Professor	<ul style="list-style-type: none">• Statistical Methods• Research Design
David Lamb	Instructor	<ul style="list-style-type: none">• Statistical Methods• Geographic information systems (GIS)
Liliana Rodriguez-Campos	Professor	<ul style="list-style-type: none">• Collaborative Evaluation• Metaevaluation
Jenni Wolgemuth	Associate Professor	<ul style="list-style-type: none">• Research Design• Qualitative Research

Contact Information for Coordinators/Directors		
Robert Dedrick	Program Coordinator	dedrick@usf.edu
John Ferron	Doctoral Program Coordinator	Ferron@usf.edu
Robert Dedrick	Master's Program Coordinator	dedrick@usf.edu
Liliana Rodriguez-Campos	Director of the Graduate Certificate in Evaluation	liliana@usf.edu
Jenni Wolgemuth	Director of the Graduate Certificate in Qualitative Research	jrwolgemuth@usf.edu
Leia Cain	Coordinator of Undergraduate Assessment (EDF 4430)	lkcain@usf.edu

Faculty Affiliates

- **Agosto, Vonzell**- Narrative inquiry, critical approaches to qualitative research
- **Black, William**- Critical policy analysis, policy ethnography
- **Blank, Jolyn**- Case study research, observational methods, analyzing talk
- **Braun, Alisha**- Discourse analysis, policy analysis, interviews
- **Braunstein, Lauren**- Ethnography of communication, critical approaches to qualitative research

Faculty Affiliates

- **Denton, Michael**- Narrative and arts-based inquiry, participant observation & critical approaches
- **Feldman, Allan**- Action research, self-study, mixed methods
- **Jones, Phyllis**- Participatory/inclusive research, interviewing, analysis of artifacts
- **King, James**- Queer and critical approaches to qualitative research
- **Richards, Janet**- Arts-based research, writing-up qualitative research, poetry, narrative and auto-ethnography
- **Schneider, Jenifer**- Performance and performative approaches to research

Emeritus Professors



Dr. Bruce Hall



Dr. Lou Carey



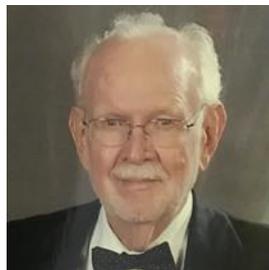
Dr. Bill Katzenmeyer



Dr. Jeff Kromrey and
Dr. Connie Hines



Dr. Joseph
Mazur



Dr. Roger
Wilk



Dr. Doug
Stone

Within the Program: Hall, Hines, Kromrey Conference Room



Within the Program

- Consulting Office for Research in Education (CORE)
 - Zhiyao Yi
 - Ke Cheng
 - Anna Gonzalez
 - John Ferron, Ph.D. (Faculty Advisor)



CORE: Consulting Office for Research in Education

This consultation service is funded by the College of Education Dean's Office and provided by the doctoral students from Measurement and Research.

- Research design
- Sampling strategies and sample size determination
- Reliability Estimation
- Data screening
- Statistical analysis
- Data presentation
- Thematic analysis
- Data coding
- Instrument design/development
- Psychometrics
- Qualitative
- Mixed Methods

Hough Family Foundation Measurement and Research Lab



Susan Hough Henry, Ph.D.
(Measurement & Research)
with clockwise Dr. Connie
Hines, Dr. Bruce Hall, Dr.
Colleen Kennedy (former
Dean), and Mr. Dick Dearolf
(former College
Development Director)

Within the Program

- Hough Family Foundation Measurement and Research Lab (EDU 248)



Dr. Eunsook Kim: Coordinator

Siyu Liu, John Michels, Thang NguyenAnna Gonzalez

Our Students

- Diverse in Career Goals
 - Faculty in Higher Education
 - Testing and Evaluation Professionals in P-12 School Districts and Private Sector
 - Psychometricians in government and commercial testing companies
 - Researchers in institutes and centers
 - Consultants in Research and Evaluation



Focus on Research and Innovation

- Students participate actively in research throughout the program, with explicit goals for presentation of their research via conference presentations and journal articles.
- Faculty mentor-student relationships are central in the professional socialization of the student and complement student peer relationships and collaborative engagements.

We encourage professional development through participation in state, regional, national and international conferences (these are just a few of potential conferences).

Conference	When Proposals are Due	Location + Date
American Evaluation Association (AEA) https://www.eval.org/	Proposal deadline was March 18, 2019	Minneapolis, MN Nov. 11-16, 2019
Florida Education Research Association (FERA) http://feraonline.org/conference/	September 1, 2019	St. Petersburg, FL Nov. 13-15, 2019
American Education Research Association (AERA) https://www.aera.net/	Proposal deadline was July 10, 2019	San Francisco, CA April 17-21, 2020
National Council on Measurement in Education (NCME) http://www.ncme.org/home	Proposal deadline was Aug. 9, 2019	San Francisco, CA April 16-20, 2020

External Internships: Something to consider down the road
(especially in the summer)

- **NCME** maintains a lists of internships (see <http://www.ncme.org/resources/careers>)
- **AEA** and others <https://www.eval.org/GEDI>
- **ACT** also has a summer internship program (see <http://www.act.org/content/act/en/working-at-act.html>).

ACT Summer Internship Program

- Research Intern in the Validity and Efficacy Research Department
- 22 interns from different states and university degrees. Each intern has office, laptop and two monitors, and is able to use all ACT resource as any employers (Gym, library, free coffee and water, supplies, mail service, unlimited color print, use their cafeteria, blog, etc.).The internship program includes engaging in one or two projects with the intern supervisor, exposing to other ACT projects such as ACT Next, and weekly meeting with one or two of ACT department director; volunteering for 4-5 hours, assigning ACT mentor for each intern, meeting with the ACT CEO, research presentation rehearsal and conference presentation (proceed to publish product); and ceremony for recognition. We also got a chance to meet with all interns and sponsors in the area with a great 4 hours gathering. Activities are varied depending on each intern responsibilities but a variety of training and research presentation are open to public.
- **Here are some of interns' universities:**
- University of South Florida, Tampa, FL, University of Iowa, Iowa City, IA, University of Illinois at Champaign–Urbana, IL. University of California, Santa Barbara, CA, Iowa State University, IA, University of South Carolina, Columbia, SC, University of Colorado at Boulder, CO, Indiana University, Washington University, St. Louis, Missouri, Coe College, IA, University of Nebraska–Lincoln.
- **Internship Program benefits:** 9 weeks (from June 10th to August 10th from 8:30 AM to 5 PM) paid* summer internship (\$20 per hour with 37.5 hours for a week), in addition to relocation airfare and airport meals, housing, and ACT daily commute for an intern who resides 50 miles or more from Iowa City



Dr. Abeer Alamri

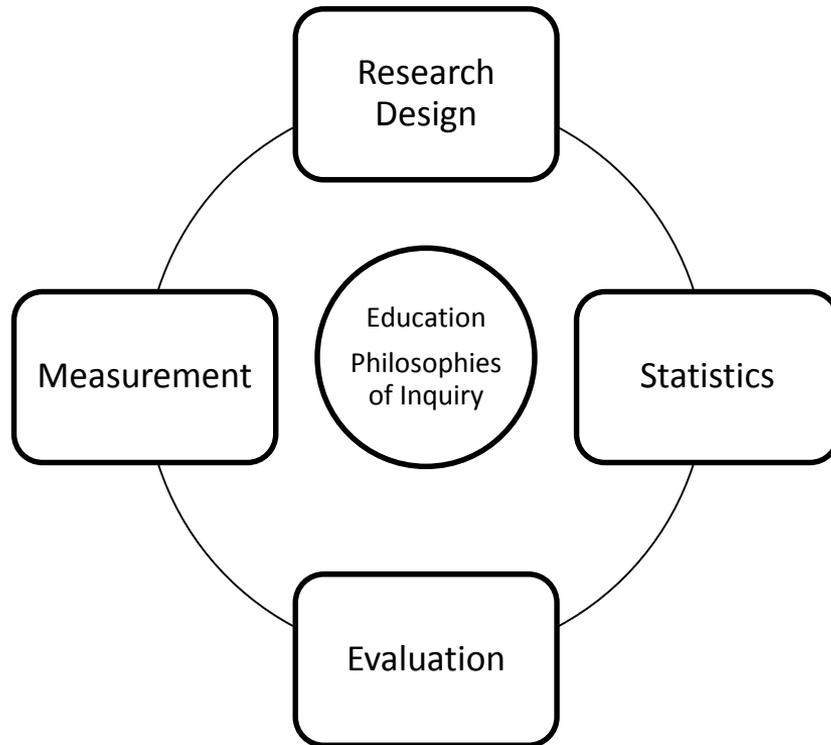
Focus on Teaching

- All doctoral students are encouraged to acquire skills in teaching at the university level
 - In-class
 - Online
- Doctoral students are encouraged to complete a semester-long teaching internship under the supervision of a professor and experienced graduate teaching assistant, and teach independently under the supervision of the faculty member who supports them through the process of teaching at the **undergraduate level (EDF 4430: Measurement for Teachers)**.
- **EDF 4490 Studies in Research Design (undergraduate)**

Focus on Student Success

- **Emphasis on Mentoring**
- **Support for Graduate Students.** CORE and the Program employ many graduate students and provide them with hands-on opportunities to learn and the financial support that makes full-time study possible.

The Program



Overview (≥ 70)

- EEX 7743 Philosophies of Inquiry (3)
- Education Area (≥ 9): next slide
- Statistics, Measurement, Evaluation, and Research “Core” (≥ 28)
- Statistics or Measurement or Evaluation or Research Specialization (≥ 12)
- Qualifying Exam
- Doctoral Dissertation (18)

Reading Ed	EDF 7145	Cognitive Issues in Instruction
	RED 6544	Cognition, Comprehension, and Content Area Reading
	RED7910	Directed Research: Reading
Ed Policy	EDG 7931	Urban Schools: Poverty & Policy
	EDF 6883	Issues in Multicultural Education
	EDF 7046	Trends and Issues in Ed Policy
Ed Psych	EDF 7138	Adolescent Development
	EDF 7359	Resilience & Human Development
	EDF 7947	Research Practicum
Leadership	ECW 6695	School Community Relations
	EDA 6271	Data-based Decision Strategies
	EME 6208	Interactive Media
Math Ed	MAE 6338	Topics in Teaching Geometry
	MAE 6137	Topics in Teaching Stats and Probability
	MAE 7138	Assessment in Math Education
Science Ed	SCE 7636	Advanced Topics in Science Education
	SCE 7910	Directed Research in Science Education
	SCE 6366	Science Education
Childhood Education And Literacy	EDF 7359	Resilience in Human Development
	EDG 7910	Directed Research: Educational Psychology
	RED 6545	Vocabulary and Word Study

Examples of Education Area

Statistics, Measurement, Evaluation, and Research

- Statistics, Measurement, Evaluation, and Research “Core” (≥ 28)
 - All students would take the courses listed on the next slide
- Statistics or Measurement or Evaluation or Research Specialization (≥ 12)
 - Students would pick one area of specialization

Educational Statistics, Measurement, Evaluation, and Research (“Core”)

Statistics (8)

- EDF 7408*
Statistical Analysis
II (4)
- EDF 7484
Statistical Analysis
III (4)

Measurement (7)

- EDF 7437 Adv.
Measurement I (3)
- EDF 7438 Adv.
Measurement II (4)

Evaluation (6)

- EDF 7485 Theory
and Practice of
Educational
Evaluation (3)
- EDF 7940 Supervised
Practicum in Applied
Evaluation (3)

Research (7**))

- EDF 7410* Design of
Systematic Studies in
Education (3**))
- EDF 7477*
Qualitative Research
in Education I (4)

* face-to-face and online

Specialization

- Students would specialize in one area:
 - Statistics
 - Measurement
 - Evaluation
 - Research Methods
- At least one course is recommended to be taken outside the Department as one mechanism for broadening students' perspectives

Specialization: Statistics (12)

- EDF 7486 Application of Structural Equation Modeling in Education (3)
- EDF 7474 Applied Multilevel Modeling in Education (3)
- EDF 7498 Analysis of Single Case Data (3)
- **PHC 7059 Advanced Survival Analysis (3)**
- **These courses are examples of possible courses. The final selection of courses is made by the student in collaboration with the major professor and committee.**

Specialization: Measurement (12)

- EDF 7439 Foundations of Item Response Theory (3)
- EDF 7469 Introduction to Computer-Based Testing (3)
- EDF 7436 Rasch Measurement Models (3)
- **SOP 6669 Factor Analysis (3)**
- **These courses are examples of possible courses. The final selection of courses is made by the student in collaboration with the major professor and committee.**

Specialization: Evaluation (14)

- EDF 7491 Consulting and Project Management Skills for Evaluators (3)
- EDF 7462 Metaevaluation (4)
- EDF 7493 Systems Approaches for Program Planning, Evaluation, and Dev. (4)
- **PHC 6545 Evaluation in Mental Health (3)**
- **These courses are examples of possible courses. The final selection of courses is made by the student in collaboration with the major professor and committee.**

Specialization: Research Methods (13)

- EDF 7478 Qualitative Research in Education II (4)
- EDG 7368 Visual Research Methods in Education (3)
- EDG 7931 Introduction to Geographic information Systems (GIS) Research Methods (3)
- **PHC 6706 Focus Group Research Strategies (3)**
- **These courses are examples of possible courses. The final selection of courses is made by the student in collaboration with the major professor and committee.**

Summary (≥ 70)

- EEX 7743 Philosophies of Inquiry (3)
- Education Area (≥ 9)
- Statistics, Measurement, Evaluation, and Research “Core” (≥ 28)
- Statistics **or** Measurement **or** Evaluation **or** Research Specialization (≥ 12)
- Qualifying Exam
- Doctoral Dissertation (18)

	Course No.	Course Title	Fall	Spring	Summer
Stat.	EDF 6407	Stat I	Tues, Thurs, Online	Online	Online
	EDF 7408	Stat II	Tues	Tues, Thurs	Online
	EDF 7484	Stat III	Mon		Tues/Thurs
	EDF 7474	Applied Multilevel Modeling		Mon (2020)	
	EDF 7486	Structural Equation Modeling	Wed (2019)		
	EDF 7498	Analysis for Single Case Experiments		Tues	
	Measurement	EDF 7437	Adv Measurement I	Wed	
EDF 7438		Adv Measurement II		Wed	
EDF 7439		Item Response Theory		Thurs (2020, Even Years)	
EDF 7469		Computer Based Testing		Thurs (2019, Odd Years)	
Research Design	EDF 7410	Design Sys Studies in Ed	Tues	Thurs	Online
	EDF 7477	Qual Research in Ed I	Thurs	Tues, Wed	Online
	EDF 7478	Qual Research in Ed II	Mon., Thurs	Thurs	Tues/Thurs Online
Eval.	EDF 7485	Theory of Program Evaluation	Sat		
	EDF 7940	Pract in Applied Evaluation		Sat	
	EDF 7462	Metaevaluation			Days Vary
	EDF 7497	Personnel Evaluation	(Fri., 2018, Even Years)		
	EDF 7491	Project Management		(Fri., 2019, Odd Years)	
MA/U	EDF 6481	Found Ed Research	Wed, Online	Mon, Online	Online
	EDF 6432	Found of Measurement	Wed, Online	Wed, Online	Online
	EDF 4430	Measurement for Teachers	Mon/Wed, Tues/Thurs Online	Mon/Wed, Online	Online
	EDF 4490	Studies in Research Design		Mon/Wed	

*Course schedule expected to remain in place for subsequent semesters.

Mon/Wed = Class meets twice a week; Tues/Thurs = Class meets twice a week



Graduate Certificate in Evaluation

Graduate Certificate in Evaluation

The Graduate Certificate in Evaluation provides an opportunity for graduate students and other professionals to gain a working understanding of contemporary evaluation theory and practice; tools and techniques used in evaluation; standards of quality for professional evaluation practice; evaluation ethics; appropriate evaluation uses; and impact of evaluation on decision making. The certificate is designed to prepare professionals for staff positions in evaluation, in schools or non-school organizations. Participants will be immersed in diverse real-world learning experiences from the beginning of the certificate that meet their specific interest and needs.

Graduate Certificate in Evaluation

Requirements

13 credit hours (minimum)

EDG 6931 - Foundations of Applied Evaluation (3)

EDF 6941 - Practicum in Measurement, Evaluation and Research (3)

EDF 7462 - Metaevaluation (4)

Electives (Select one course)

EDF 7477 - Qualitative Research in Education (4)

EDF 6481 - Foundations of Educational Research (3)

EDF 6407 - Statistic Analysis for Educational Research I (4)

EDF 6432 - Foundations of Measurement (3)

Credit toward Graduate Degree

Up to 12 hours of certificate course credits may be applied to a graduate degree with departmental approval.



Graduate Certificate in Qualitative Research

Graduate Certificate in Qualitative Research

- 13-hour certificate provides an opportunity for graduate students and other professionals to gain a broad and in depth knowledge of qualitative research, with an emphasis on the designs and methods used in studies of educational programs, processes, initiatives, settings, and policies.
- Required Course
 - EDF 7478: Qualitative Research in Education Part II (4 credit hours)
- Elective Courses
 - Nine (9) credit hours of elective coursework in qualitative research. Students may choose a course from the following list, or substitute an elective course approved by the Graduate Certificate director.
 - EDF 7426: Action Research in Schools (3 credit hours)
 - EDG 7368: Visual Research Methods (3 credit hours)
 - Any graduate course in qualitative research (3 credit hours)

Graduate Certificate in Qualitative Research

- For more information and to apply
<http://www.usf.edu/innovative-education/graduate-certificates/programs/qualitative-research.aspx>
- For questions contact Graduate Certificate Director
Dr. Jennifer R. Wolgemuth at jrwolgemuth@usf.edu
- FAQs
Can Directed Research, Independent Study, or Dissertation credits count toward the certificate?
 - No

When can I apply?

- <https://www.usf.edu/innovative-education/graduate-certificates/how-to-apply/index.aspx>
- Can EDF 7477: Qualitative Research in Education Part I count toward the certificate?
- Yes

Where to find more...

- <https://www.usf.edu/education/areas-of-study/educational-measurement/index.aspx>

Educational Measurement and Research
COLLEGE OF EDUCATION

ABOUT ▾ PROGRAMS ▾ FACULTY RESEARCH STUDENTS CONTACT

Welcome to the Educational Measurement and Research program!
The Educational Measurement and Research program has a strong tradition of inquiry and scholarship, quality teaching and mentoring, commitment to diversity, and service to colleagues within the College, University, P-12 schools and professional associations.

EXPLORE DEGREE PROGRAMS > GRADUATE CERTIFICATE > UPCOMING EVENTS >

EXPLORE OUR DEGREE PROGRAMS

Graduate Certificate

AUG 20 First day of Fall 2018
All Day

AUG 22 Week of Welcome Event
3:30 PM - 4:30 PM



UNIVERSITY OF
SOUTH FLORIDA

Go Bulls!

A PREEMINENT RESEARCH UNIVERSITY