

Dr. Steven Reader
Department of Geography
University of South Florida
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Education

1989 Ph.D.	Geography	University of Bristol, England
1983 B.Sc.	Geography	University of Bristol, England

Professional Employment

Jun 2003 – Present	Associate Professor	University of South Florida, USA
Aug 1997 - May 2003	Assistant Professor	University of South Florida, USA
Sep 1992 - Jul 1997	GIS Manager	McMaster University, Canada
Jan 1987 – Aug 1992	Assistant Professor	McMaster University, Canada

Employment Eligibility

British Citizen (EU)
Canadian Citizen
Permanent Resident, USA

Peer-Reviewed Publications

In Review

- Strom E, Reader S. Understanding Foreclosure Dynamics in a High Foreclosure Region: Analyzing Parcel-level Mortgage Data in the Tampa Bay Area. Submitted to **Housing Policy Debate**.

Published

- Batsche CJ, Reader S (2012) Using GIS to Enhance Programs Serving Emancipated Youth Leaving Foster Care. **Evaluation and Program Planning** 35:1 pp25-33.
- Pathak EB, Reader S, Tanner JP, Casper ML (2011) Spatial Clustering of Non-Transported Cardiac Decedents: the Results of a Point Pattern Analysis and Inquiry in- to Social Environmental Correlates. **International Journal of Health Geographics** 10:46
- Chakraborty J and Reader S. (2010) Multivariate Analysis Methods. In B. Warf (editor) **Encyclopedia of Geography.** Sage Publications.
- Barnett Pathak EM, Casper ML, Tanner JP, Reader S, Ward BG (2010). A Multilevel Analysis of Absence of Transport to a Hospital before Premature Cardiac Death. **Preventing Chronic Disease** 7:3.
- Laing A, LaJoie M, Reader S, Pfeiffer K (2008). The Influence of the El Nino Southern Oscillation on Cloud-to-Ground Lightning Activity along the Gulf Coast of the United States. Part II: Monthly Observations. **Monthly Weather Review** 136: pp 2544-2556.
- Barnett EM, Reader S, Ward BG, Casper ML (2006). Social and Demographic Predictors of No Transport Prior to Premature Cardiac Death, United States, 1999-2000. **BMC Cardiovascular Disorders** 6:45.
- Hall J, Gillespie TW, Richardson D, Reader S (2002). Fragmentation of Florida Scrub in an Urban Landscape. **Urban Ecosystems** 6: pp 243-255

- Reader S, Zandbergen P (2002). A Geo-demographic Analysis of Marine Recreational Fishing on the West Coast Of Florida in **Proceedings of the 25th Applied Geography Conference** pp 138-149.
- Reader S, Bartolomeo B (2001). Identifying Geographic Areas of Abnormally High and Low Rates of Low Birth Weight Incidence in Florida in **Proceedings of the 24th Applied Geography Conference** pp 156-164.
- Reader S (2001). Detecting and Analyzing Clusters of Low-Birth Weight Incidence Using Exploratory Spatial Data Analysis. **Geojournal** 53, pp 149-159.
- Reader S (2000). Analysing the Spatial Variability of Low Birth Weight Incidence Among the Black Population of Florida in **Proceedings of the 23rd Applied Geography Conference** pp 166-174.
- Reader S (2000). Using Survival Analysis to Study Spatial Point Patterns in Geographical Epidemiology. **Social Science and Medicine** 50, pp 985-1000.
- Reader S, McNeill FR (1999). Hazard-rate Modelling of Store-switching Behaviour. **Environment and Planning A** 31, pp 1353-1370.
- Reader S, Newsome TH (1999). An Analysis of Journey-to-Crime for the City of Largo, Florida. **Proceedings of the 22nd Applied Geography Conference** pp 51-60.
- Reader S (1998). The Application of Survival Analysis to Spatial Point Patterns. **Proceedings of the 21st Applied Geography Conference** pp 272-282.
- Jerrett M, Eyles J, Cole D, Reader S (1997). Environmental Equity in Canada: An Empirical Investigation into the Income Distribution of Pollution in Ontario. **Environment and Planning A** 29, pp 1777-1800.
- Pellegrini PA, Reader S (1996). Duration Modeling of Spatial Point Patterns. **Geographical Analysis** 28, pp 219-243.
- Reader S (1993). Unobserved Heterogeneity in Dynamic Discrete Choice Models. **Environment and Planning A** 25, pp 495-519.
- Dunn R, Reader S, Wrigley N (1987). A Nonparametric Approach to the Incorporation of Heterogeneity into Repeated Polytomous Choice Models of Urban Shopping Behaviour. **Transportation Research A** 21, pp 327-343.
- Dunn R, Reader S, Wrigley N (1983). An Investigation of the Assumptions of the NBD Model as Applied to Purchasing at Individual Stores. **Journal of the Royal Statistical Society Series C (Applied Statistics)** 32, pp 249-259.

Edited Book Chapters

- Reader S, Uncles MD (1988). The Collection and Analysis of Consumer Data in **London Papers in Regional Science 18: Longitudinal Data Analysis Methods and Applications**. Ed M. D. Uncles (Pion), pp 45-57.

Contract Reports

- Dollard N, Armstrong MI, Robst J, Hummer V, Yampolskaya S, Batsche C, Chuang E, Li W, Mowery D, Reader S, Reyes F, Roggenbaum S, Rohrer L, Sharrock P, Clark S, Elzy M (2011). Evaluation of Medicaid Funded Out-of-Home Alternatives for FY 10-11. Tampa, FL: Louis de la Parte Florida Mental Health Institute, University of South Florida. Prepared for the Florida Agency for Health Care Administration (Contract MED078).
- Kling S, Bennett FJ, Gilbert AC, Main JR, Pope KV, Reader S, Sedgwick EW, Wakefield JD, Zupo ER (2009). Carbon Capture and Sequestration Study of Florida Board of Trustees' Lands. (250 pages). Prepared for Florida Board of Trustees.

- Reader S, Zandbergen P (2002). A GIS-based Analysis of the Spatial, Temporal, and Social Trends in Marine Recreational Fishing Participation on the West Coast of Florida. (41 pages). Prepared for the Florida Fish and Wildlife Commission (Florida Marine Research Institute).
- Oliver N, Landry S, Reader S, Foret T, Williams C (2001). Seminole County Stormwater Inventory Protocol Development and Manual. (117 pages). Prepared for Seminole County Public Works Department.
- Landry S, Oliver N, Reader S, Williams C (2001). Hillsborough County Stormwater Inventory GIS Data Processing Protocol. (59 pages). Prepared for Hillsborough County Public Works Department.
- Landry S, Campbell K, Reader S, Foret T, Gale N (1999). Hillsborough County Stormwater Inventory Protocol. (51 pages). Prepared for Hillsborough County Public Works Department.

Non-Refereed Conference Proceedings

- Reader S (1995). The Present State and Future of GIS in Proceedings of the International Workshop on Geographic Information Systems for Health and the Environment (Colombo, Sri Lanka), pp 3-12.
- Reader S (1995). GIS, Health and Epidemiology: An Annotated Resource Guide in Proceedings of the International Workshop on Geographic Information Systems for Health and the Environment (Colombo, Sri Lanka), pp 145-160.

Doctoral Thesis

- Reader S (1989). Incorporating Unobserved Heterogeneity into Longitudinal Models of Repeated Choice: Optimization, Estimation and Simulation Issues. Unpublished PhD thesis, University of Bristol, England. (318 pages).

Grant Activity

Federal - Funded

- Perk V. Land Use and BRT Phase II: Boston. \$70,000 (Sub-project of the National Bus Rapid Transit Institute Year 3 Grant, \$1,750,000. PI: Hinebaugh, D). **Federal Transit Administration**. *Role: GIS/Statistical Consultant (\$7500)*.
- Barnett EM, Reader S, Ward BG. Small Area Analyses of Cardiac Fatalities. **Centers for Disease Control (CDC)**. October 2003 – September 2007. \$487,000.
- Sellers C, Reader S (1998). Largo Police Department Problem-Solving Partnership Evaluation Proposal. COPS Program, **National Institute of Justice**. \$48,120
- Reader S (1990) The Application of Continuous-time, Stochastic Models to Longitudinal Consumer Scanner-Panel Data. **Social Science and Humanities Research Council**, Canada. CDN\$25,137.

Federal – Not Funded

- Greenbaum S, Strom E, Reader S. Losing House and Home: Differential Impacts of Mortgage Foreclosure on Families and Neighborhoods on the Florida Gulf Coast. **National Science Foundation**. \$593,383.
- Christy A, Petrila J, Reader S, Toyinbo P, Dion C, Wagner C, Beck J, McArdle J, Leifman S. Project MUSE: Linking Disparate Community Service Delivery Elements to Enable Study of the Multiple Systems Experienced by Veterans. **National Institutes of Health**. \$999,866.

- Barnett E, Reader S, Ward B. Atlas of Emergency Medical Services in the United States. **National Institutes of Health**. \$1.96 Million (2007-2010).
- O. Rourke KM, Nembhard WN, Mason TJ. National Children's Study – Orange County Vanguard Center. **National Institutes of Health – NICHD**. \$29.9 Million (2006-2011). *Role: Investigator*.
- Branch L, Barnett EM, Brinkmann R, Greenbaum S, Himmelgreen DA, McKiernan-Gonzalez J, Reader S, Ward BG. Urban Development and Health Equity in Florida. **National Institutes of Health - Centers for Population Health and Health Disparities**. \$6,500,000 (2003-2008).
- Mustafa D, Reader S. Urban Floodplain Hazard in Pakistan: The Geography of Governance and Public Health. **National Science Foundation**. \$314,115 (2003-2004).
- Greenbaum S, Rodriguez C, Ward BG. Deconcentration and Social Capital: Assessing the Impact of Relocation in Three Urban Neighborhoods. **National Science Foundation**. \$443,905 (2003-2004). *Role: GIS/Statistical Consultant*.

State – Funded

- Dollard N, Armstrong MI. (2010) Evaluation of Medicaid Funded Out-of-Home-Care Treatment Settings. **Agency for Health Care Administration, FL**. \$216,086. *Role: GIS/Statistical Consultant (\$7500)*.
- Kling S, Main JR, Reader S. (2009) Carbon Capture and Sequestration Study of Florida Board of Trustees' Lands. **Florida Department of Environmental Protection**. \$93,425.
- Zandbergen PA, Reader S (2003). Geo-demographic Analysis of Marine Recreational Fisheries Participation in Florida. **Florida Fish and Wildlife Commission**. \$28,500
- Reader S, Zandbergen PA (2002). A GIS-based Analysis of the Spatial, Temporal, and Social Trends in Marine Recreational Fishing Participation on the West Coast of Florida. **Florida Fish and Wildlife Conservation Commission**. \$16,500

State – Not Funded

- Reader S, Zandbergen PA. Development of a Predictive Model for Marine Recreational Fishing Participation in Florida. **Florida Fish and Wildlife Conservation Commission** (Florida Marine Research Institute). \$22,000.
- Zandbergen PA, Reader S. Human Use Characterization of Florida's Marine Resources. **Florida Fish and Wildlife Conservation Commission** (Florida Marine Research Institute). \$30,000

Local – Funded

- Brinkmann R, Reader S, Chakraborty J (2008). Brownfields Mapping in East Tampa. **Tampa Bay Engineering**. \$20,000.
- Oliver N, Reader S (2001). Seminole County Stormwater Data Conversion. **Seminole County, Florida**. \$49,512.
- Landry SM, Reader S, Campbell K (1999-2000). Hillsborough County Stormwater Atlas Project. **Hillsborough County, Florida**. \$545,000.
- Landry SM, Reader S, Campbell K (1999). Development and Testing of a New Stormwater Atlas Protocol. **Hillsborough County, Florida**. \$49,000

Internal - Funded

- Reader S, Chakraborty J, Romero-Diaz N (2002). A Comprehensive Analysis of Low Birth Weight Incidence in Hillsborough County, Florida. Faculty Grant Program - University Center for Scholarship in Action, **University of South Florida**. \$14,868.
- Archer KA, Reader S (2000). Post-Industrial Metropolitan Development: Socio-Spatial Trends in Orlando, Florida. **University of South Florida** Research and Creative Scholarship Grant Program. \$6,169
- Reader S (1989). The Development of Continuous-time, Stochastic Models for Repeated Choice Analysis. **McMaster University** Arts Research Board. \$3,750

Internal – Not Funded

- Strom E, Greenbaum S, Reader S. Causes and Consequences of Home Mortgage Foreclosures in the Tampa Bay Region. **University of South Florida** Division of Sponsored Research (IDRG). \$46,000.
- Barnett EM, Reader S, Ward BG, Schocken D. Geo-social Predictors of Out-of-Hospital cardiac Death. **University of South Florida** Division of Sponsored Research. \$50,000. (2003-2005)
- Campbell K, Tobin GA, Reader S, Catala MW. Regional Data Center at the University of South Florida. \$80,000. **University of South Florida** Provost's Office (Interdisciplinary Center Development Grants - 1999).
- Reader S. Event-history Modeling of Spatial Point Patterns: Theoretical Development and Computational Implementation. **University of South Florida** Research and Creative Scholarship Grant Program. \$6,063 (1998)
- Tobin GA, Reader S. The I-4 CD-ROM: An Interactive Mapping, Analytical, and Promotional Tool. **University of South Florida** Academic Affairs I-4 Funding Initiative. (1998)

Other - Funded

- Campbell K, Reader S, Tobin GA (2000). ESRI Authorized Training Site Program. **Environmental Systems Research Institute, Inc.** \$19,500.

Other – Not Funded

- Ward BG, Barnett EM, Catala M, Chu X, Reader S. Physical Activity and Community Environmental Characteristics in Select Communities of Hillsborough County, Florida. **Robert Wood Johnson Foundation**. \$195,070 (2003)

Research Presentations - Conference

- Reader S, Pathak EB, Tanner JP, Casper ML. "Missed Opportunities to Save Lives? The Geography of Non-Transported Cardiac Decedents in a Large Metropolitan Area" at the **American Heart Association Scientific Sessions 2011**, Orlando, FL. November 2011.
- Perk V, Reader S. "Land Use Impacts of Bus Rapid Transit (BRT): The Boston Silver Line" at the **2011 GIS in Transportation Conference**, St. Petersburg, FL. September 2011.
- Armstrong MI, Batsche C, Dollard N, Li W, Reader S, Reyes F, Rohrer L, Robst J, Sharrock P. "Family Involvement During the Treatment of Youth in Out-of-Home

Mental Health Treatment” at the **24th Annual Children’s Mental Health Research and Policy Conference**, Tampa, FL. March 2011.

- Strom E, Reader S, Gauvey R. “Home Mortgage Foreclosure in the Sunbelt: The Case of the Tampa Bay Region” at the **104th Annual Meeting of the Association of American Geographers**, Las Vegas, NV. March 2009.
- Reader S, Pathak EB, Tanner JP, Casper ML. “Small Area Geographic Variation in Premature Out-of-Hospital Cardiac Death” at the **104th Annual Meeting of the Association of American Geographers**, Las Vegas, NV, USA. March 2009.
- Reader S, Barnett EM, Ward BG, Casper ML. “Premature Out-of-Hospital Cardiac Death: Geographic Perspectives at the National and Metropolitan Statistical area Scales” at the **103rd Annual Meeting of the Association of American Geographers**, San Francisco, CA, USA. April 2007.
- Barnett EM, Reader S, Ward BG, Casper ML. “County-level Geographic Variation in Cardiac Deaths by Transportation Response: The National Picture, 1991-2000” at the **102nd Annual Meeting of the Association of American Geographers**, Chicago, IL, USA. March 2006.
- Barnett EM, Reader S, Ward BG, Casper ML. “Social and Demographic Predictors of No Transport Prior to Cardiac Death” at **Society for Epidemiologic Research Annual Meeting**, Toronto, Canada. June 2005.
- LaJoie M, Laing A, Reader S, Pfeiffer K. “The Impact of El Nino-Southern Oscillation on Cloud-to-Ground Lightning along the Gulf Coast of the United States” at the **European Geosciences Union General Assembly**, Vienna, Austria. April 2005.
- Reader S, Green J. “Multilevel Modeling of Low Birth Weight Incidence in Florida” at the **27th Applied Geography Conference**, St. Louis, MO, USA. October 2004.
- Barnett E, Reader S, Ward B, Casper M. “Decedent Predictors of No Transport Prior to Premature Cardiac Death” at the **Second National Prevention Conference on Heart Disease and Stroke**, Atlanta, GA, USA. August 2004.
- Reader S, Zandbergen P. “Hooked on Florida: A Geographic and Socio-Demographic Analysis of Marine Recreational Fishing in Florida” at the **26th Applied Geography Conference**, Colorado Springs, CO, USA. November 2003.
- Reader S. “Detecting and Visualizing Space-Time Clusters of Low Birth Weight Incidence, by Race, in Florida” at the **Joint Statistical Meetings of the American Statistical Association**, San Francisco, CA, USA. August 2003.
- Reader S, Chakraborty J. “Analyzing Racial and Ethnic Disparities in Low Birth Weight Incidence for Hillsborough County, Florida” at the **99th Annual Meeting of the Association of American Geographers**, New Orleans, LA, USA. March 2003.
- Chakraborty J, Reader S. “Industrial Pollution and Low Birth Weight: A Study of Developmental Toxicity in Hillsborough County, Florida” at the **99th Annual Meeting of the Association of American Geographers**, New Orleans, LA, USA. March 2003.
- Reader S, Zandbergen PA (2002). “A Geo-demographic Analysis Of Marine Recreational Fishing On The West Coast Of Florida” at the **25th Applied Geography Conference**, Binghamton, New York, U.S.A.
- Reader S (2002). “Detecting Spatial Clusters of Low Birth Weight Incidence With Control for Maternal Factors” at the **98th Annual Meeting of the Association of American Geographers**, Los Angeles, California, U.S.A.
- Reader S (2001). “Identifying Geographic Areas of Abnormally High and Low Rates of Low Birth Weight Incidence in Florida” at the: **24th Applied Geography Conference**, Fort Worth, Texas, U.S.A.

- Reader S (2001). "The Spatial Variability of Low Birth Weight Incidence in Florida" at the **97th Annual Meeting of the Association of American Geographers, New York, New York, U.S.A.**
- Reader S (2000). "Analysing the Spatial Variability of Low Birth Weight Incidence Among the Black Population of Florida" at the: **23rd Applied Geography Conference, Tampa, Florida, U.S.A.**
- Reader S (2000). "Analyzing Crime Patterns in an Integrated Spatial Statistics-GIS Software Environment" at the: **96th Annual Meeting of the Association of American Geographers, Pittsburgh, Pennsylvania, U.S.A.**
- Place SJ, Reader S (2000). "Analyzing Daycare Provision for WAGES Clients in Hillsborough County, Florida" at the: **Florida Society of Geographers Annual Meeting, Stuart, Florida, U.S.A.**
- Reader S, Newsome TH (1999). "An Analysis of Journey-to-Crime for the City of Largo, Florida" at the: **22nd Annual Applied Geography Conference, Charlotte, North Carolina, U.S.A.**
- Place SJ, Reader S (1999) "Analyzing Daycare Provision for WAGES Clients in Hillsborough County, Florida" at the: **22nd Annual Applied Geography Conference, Charlotte, North Carolina, U.S.A.**
- Reader S (1998). "Spatial Survivor Function Analysis of Point Patterns" at the: **45th North American Meetings of the Regional Science Association International, Santa Fe, New Mexico, U.S.A.**
- Reader S (1998). "The Application of Survival Analysis to Spatial Point Patterns" at the: **21st Annual Applied Geography Conference, Louisville, Kentucky, U.S.A.**
- Reader S (1998). "Using Survival Analysis to Study Spatial Point Patterns in Geographical Epidemiology" at the: **Eighth International Symposium in Medical Geography, Baltimore, Maryland, U.S.A.**
- Reader S (1998). "Event History Models, GIS, and Spatial Point Patterns" at the **94th Annual Meeting of the Association of American Geographers, Boston, Massachusetts, U.S.A.**
- Reader S (1992). "Event-History Modelling of Spatial Choice" at the: **88th Anniversary Meeting of the Association of American Geographers, San Diego, California, U.S.A.**
- Reader S (1991). "Mass Point Methods for Modelling Unobserved Heterogeneity: A Simulation Approach" at the: **Canadian Regional Science Association Annual Conference, Kingston, Ontario, Canada.**
- Reader S (1990). "Duration Models and the Analysis of Repeated Choice" at the: **Canadian Regional Science Association Annual Conference, Victoria, British Columbia, Canada.**
- Reader S (1990). "Event-History Analysis of Consumer Scanner Panel Data" at the: **86th Anniversary Meeting of the Association of American Geographers, Toronto, Ontario, Canada.**
- Reader S (1987). "Grid-Search Estimation Strategies for Mass Point Models" at the: **Annual Conference of the Canadian Regional Science Association, Hamilton, Ontario, Canada.**
- Reader S (1986). "Methods for Longitudinal Data Analysis" at the: **Eighteenth Annual Conference of the Regional Science Association (British Section), Bristol, England.**
- Reader S (1986). "Incorporating Heterogeneity into Polytomous Choice Models of Urban

Shopping Behaviour" at the: **82nd Anniversary Meeting of the Association of American Geographers, Minneapolis-St.Paul, Minnesota, U.S.A.**

- Reader S Uncles MD (1985). "The Collection and Analysis of Consumer Data" at the: **Seventeenth Annual Conference of the Regional Science Association (British Section), Manchester, England.**
- Reader S (1985). "Longitudinal Data Analysis and Generalised Shopping Models" at the: **81st Anniversary Meeting of the Association of American Geographers, Detroit, Michigan, U.S.A.**

Non-Conference

- Kling S, Main JR, and Reader S. "Carbon Capture and Sequestration Study of Florida Board of Trustees' Lands." **Presentation to Governor Crist and the Board of Trustees, FL.** July 2009.
- Reader S (2007). "GIS and Health Disparities Research". Invited research seminar in the **USF School of Aging Studies Distinguished Lecturer Series.**
- Zayac H, Reader S (2007). "Racial and Ethnic Disparities in the Availability, Accessibility, and Quality of Healthcare in Florida". **USF College of Public Health Research Day.**
- Reader S (2006). "What is Wrong with Virginia? A Geographic Perspective on Premature Out-of-Hospital Cardiac Deaths". **USF Department of Geography Colloquium.**
- Barnett E, Reader S, Ward B (2005). "The Neighborhood Chain of Survival: Small Area Analyses of Acute Cardiac Fatalities". Invited seminar at **Centers for Disease Control and Prevention.**
- Barnett E, Reader S, Ward B (2004). "Challenges in Researching Geosocial Determinants of Acute Cardiac Death". Invited research seminar for the **Department of Epidemiology and Biostatistics, University of South Florida.**
- Reader S (2003). "Spatial Dimensions of Racial and Ethnic Disparities in Low Birth Weight Incidence in Florida, 1992-1997". Invited research seminar for the **Department of Epidemiology and Biostatistics, University of South Florida.**
- Reader S (2002). "Detecting and Analysing Spatial Clusters of Low-Birth Weight Incidence in Florida" at **Research Applications of GIS at USF.**
- Reader S (2002). "Analyzing Ethnic and Racial Disparities in Low Birth Weight Incidence for the State of Florida: A GIS-Spatial Statistical Analysis". Invited research seminar for the **Department of Geography, UCLA, Los Angeles, California.**
- Reader S, Zandbergen P (2002). "Marine Recreational Fishing in Florida: A Socio-Geodemographic Analysis". Invited research seminar at the: **Florida Marine Research Institute, Saint Petersburg, Florida, U.S.A.**
- Reader S (2000). "Detecting and Analyzing Spatial Clusters of Low-Birth Weight Incidence by Race: The Case of Florida". Invited research seminar for the **Department of Geography, McMaster University, Hamilton, Ontario, Canada.**
- Reader S (1999). "Spatial Analysis of Crime Patterns Using an Integrated GIS-Spatial Statistics Software Environment" at the: **Third Annual International Crime Mapping Conference, Orlando, Florida, U.S.A.**
- Reader S (1995). "GIS in Health: The Technology" at : **Health and Communication in the Americas, Toronto, Ontario, Canada.**
- Reader S (1994). "GIS for Health Applications in Developing Countries" at the: **1st Canadian Conference on International Health, Ottawa, Ontario, Canada.**

- Reader S (1994). "The Present State and Future of GIS" at the: **International Workshop on Geographic Information Systems for Health and the Environment, Colombo, Sri Lanka.**
- Reader S (1991). Invited discussant for Special Session on Longitudinal Data Analysis at the: **87th Anniversary Meeting of the Association of American Geographers, Miami, Florida, U.S.A.**
- Reader S (1990). "Scanner Panels, G.I.S. and Marketing Geography" at the: **Annual Conference of the Institute of British Geographers, Glasgow, Scotland.**
- Reader S (1988). "The Analysis of Consumer Panel Data" at the: **Second Annual European Conference on Panel Data, Paris, France.**
- Reader S (1985). "The Analysis of Longitudinal Data". Invited research seminar at the: **Department of Geography, University of Boston, Boston, Massachusetts, U.S.A.**

Research – Professional Development

- Attended “How to Obtain Peer-Reviewed Federal Funding for Research” - USF College of Arts and Sciences Center for Research and Scholarship Summer Workshop (2003).

Completed Doctoral Committee Memberships

University of South Florida

- Estabrook, R 2011 (Anthropology)
- Bezdecny, K 2011
- Sullivan, J 2010
- Maes, K 2010 (Anthropology)
- Setzer, T 2010 (Anthropology)
- Hughey, E 2008
- Williams, M 2008
- Zayac, H 2007 (Aging Studies)

Completed MA/MS – Thesis Advisor

University of South Florida

- Clay Smithers. 2008
- Joseph Green. 2004
- Brandi Bartolomeo. 2002
- Jacqueline Hall. 2002
- Roney Rodriques. 2001
- Richard Hammond. 2001
- Alex Grubb. 2000
- Brendan Dwyer. 2000
- Naomi Oliver. 2000

McMaster University

- Pasquale A. Pellegrini. 1993.
- Fiona R. McNeill. 1992.

Completed Masters-level Committee Memberships (* by coursework/exam)

- P. Novitzky 2010
- A. Gilbert 2009
- J. Kabat 2009
- E. Zupo 2009

- T. Halfhide 2009
- C. Meyer 2008
- J. House 2008
- S. Kelly* 2008
- A. Tatum* 2008
- M. Bennett* 2008
- R. Pascoe* 2007
- C. Harmak 2007
- A. Bailey* 2007
- R. Duplin* 2007
- P. Fetterman. 2007
- A. Schwab. 2006
- J. Edwards. 2006
- R. Peterson. 2005
- M. Byrne. 2005
- M. Lajoie. 2004
- W. Sullivan. 2001
- J. Earls. 2001 (Public Health)
- K. Albright. 2001 (Criminology).
- J. Barco. 2001
- C. Emrich. 2000
- S. Place. 2000
- G. Gant. 1999
- G. Niles. 1999
- M. Madireddy. 1999 (Civil Engineering).
- A. East. 1998 (Anthropology).

Teaching Awards/Nominations

- 2002 Nominated for USF university-wide 'Outstanding Undergraduate Teaching Award' (nominated by Department Chairperson)
- 1993 McMaster University Geography Society Teaching Award Winner
- 1993 Nominated for McMaster University Students' Union Teaching Award

Courses Taught at the University of South Florida

Graduate Courses

- GEO 6119 Seminar in Advanced Techniques: Spatial Statistics
- GEO 6119 Seminar in Advanced Techniques: Socio-economic Applications of GIS
- GEO 6119 Seminar in Advanced Techniques: GIS and Public Health
- GEO 5157 Advanced Geographical Information Systems
- GEO 5177/GIS 5049 GIS for Non-Majors
- GEO 6166 Advanced Statistical Methods
- GEO 6307 GIS Seminar (GIS and Health)
- GIS 6103 Programming for GIS

Undergraduate Courses

- GEO Geography of Current Events
- GEO 3180 Digital Thematic Mapping

GEO 4100/GIS 3006	Computer Cartography
GEO 4114	Geographic Techniques and Methods
GEO 4151/GIS 4043	GIS

Courses Taught at McMaster University

Graduate Courses

740	Quantitative Analysis in Human Geography
600-603	Spatial Statistics

Undergraduate Courses

1B6	Human Geography
2A3	Locational Analysis
2L3	Statistical Analysis in Geography
2E3	Geography of Canada
2NN3	Fundamental Principles of Geographical Information Systems
3N3	Geographical Information Systems
3NN3	Principles of Computer Cartography and GIS
4NN3	Geographical Information Systems Management and Applications
4C6	Research Paper (Course co-ordinator)

Other Courses

- *Geographical Information Systems Introduction*. A 5-day non-credit course offered through Professional and Workforce Development, Educational Outreach, USF. (Taught twice in Summer/Fall of 2003 – with Zandbergen, P).
- *Geographical Information Systems*. An 8-day course given to a group of 12 from the Canadian Hydrographic Service, Canadian Centre for Inland Waters. (1995).
- *Fundamentals of GIS*. A 5-day course given to research members of the McMaster Ecowise Research Project. (1994).
- *An Introduction to GIS using ARC/INFO: a 1-week intensive course*. (Offered 3 times in summer of 1993 to classes of 10 faculty/graduate students).

Teaching Related Publications

- Bird SE, Reader S, Tobin GA (2000). "GIS at USF" in **Florida Chapter of the Urban and Regional Information Systems Association (URISA) Newsletter**, Winter 2000 pp. 2-4.
- Buliung R, Reader S, Maynard D (1998). "The McMaster-Mohawk GIS Specialist Certificate Programme: A Report on Three Years of Experience" in **Proceedings of the Twelfth Annual Symposium on Geographic Information Systems (GIS '98**, Toronto, Ontario, Canada) pp. 177-180.

Teaching Grants

- Jones R, Cavendish JC, Jones JJ, Bartsch I, Reader S, Pynes J (2000). **Community-based or Service-Learning Courses Across the Curriculum**. College of Arts and Sciences, University of South Florida. \$15,000
- Reader S (1993) **The Development of GIS Software Tutorial Manuals and Teaching Databases**. McMaster University Teaching and Learning Grant. \$3,400

Teaching Related Conference Presentations

- Reader S, Chavez T (2000). “The GIS Research and Data Center at the University of South Florida” at **GIS/IT: Innovations on the Suncoast** (Urban and Regional Information Systems Association, Florida Chapter), Tampa, Florida.
- Buliung R, Reader S, Maynard D (1998). “The McMaster-Mohawk GIS Specialist Certificate Programme: A Report on Three Years of Experience” at the: **GIS ‘98/RT ‘98**, Toronto, Ontario, Canada.

Other Instructional Roles

- Director of the University of South Florida Geographic Information Systems Laboratory, 1997-2002.
- Program founder and co-ordinator for the **USF Graduate Certificate in GIS**, 2000-2001.
- Co-founder and co-coordinator of the **McMaster-Mohawk GIS Specialist Certificate Programme**; a six-course programme of study at the post-degree level.

Teaching – Professional Development

- Participant in Center for Teaching Enhancement Workshop: “Articulate Academy”. One-week intensive workshop for online course development. 2011.
- Participant in Center for Teaching Enhancement Workshop: “Improving Teaching and Learning: An Intensive Workshop on WebCT”. June 1999.
- Participant in Center for Teaching Enhancement Workshop: “Enhancing Teaching and Learning with PowerPoint”. May 1999.

Professional Service

Federal Grant Review Panels

- 2007- Chairperson of the NIH Study Review Section for the **Small Grants Program for Cancer Epidemiology**.
- 2011 Chairperson of the NIH/NCI Special Emphasis Panel for **Topic 296: Systems for Automated Storage, Analysis, and Reporting of Objective Behavioral Exposures**
- 2011 Member of the NIH/NCI Special Emphasis Panel for **Topic 261: Smartphone Applications for Cancer Prevention and Control**
- 2010 Member of the NIH **Health Services Organization and Delivery Study Section**
- 2010 Stage 1 Reviewer for NIH RFA-OD-09-010: **Building Sustainable Community-Linked Infrastructure to Enable Health Science Research**.
- 2007-10 Member of the NIH Study Review Section for the **Small Grants Program for Cancer Epidemiology**
- 2007-10 Member of the NIH Study Review Section for **Community Influences on Health Behaviour**
- 2007 Member of the National Cancer Institute/National Heart Lung Blood Institute Study Review Section on **Improved Measures of Diet and Physical Activity for the Genes and Environment Initiative**.
- 2006 Member of NIH-NCI Panel **NCI-J: Population and Patient-Oriented Training**

- 2005 Member of the NIH-NCI **Subcommittee G: Education**
- 2004 Member of NIH Review Panel for **NIH Road Map Initiative: Meetings and Networks for Methodological Development** in Interdisciplinary Research.
- 2002-06 Member of NIH Review Panel for the **Cancer Prevention Research Small Grant Program and Small Grants Program for Cancer Epidemiology.**

Other

- 2000 Member of Local Arrangements Committee for the 23rd Applied Geography Conference, Tampa, Florida, U.S.A.
- 1999 Member of Local Arrangements Committee for the **54th Meeting of the Association of American Geographers Southeastern Division**, Tampa, Florida, U.S.A.
- 1999 Member of the Conference Planning Committee for the **Second National GIS & Transit Conference**, Tampa, Florida, U.S.A.
- 1998 Member of the Program Committee for the **45th North American Meetings of the Regional Science Association International**, Santa Fe, New Mexico, U.S.A.
- 1997-98 Member of the Advisory Board for the McMaster University-Mohawk College GIS Specialist Certificate Program.
- 1996 Member of a 13-person Working Group to develop a *Core Curriculum for Technical Programs in GIS* under the auspices of the **National Center for Geographic Information and Analysis**. University of California, Santa Barbara.
- 1994 Program Coordinator, Presenter and Workshop Leader for the **International Workshop on Geographic Information Systems for Health and the Environment**, Colombo, Sri Lanka. Sponsored by the International Development Research Centre (IDRC) of Canada.
- Paper Reviewer for the following journals: *Social Science and Medicine; Environment and Planning A; Geographical Analysis; Computers, Environment and Urban Systems; Journal of Coastal Research; Environmental Modelling and Software, Florida Geographer, Southeastern Geographer, BMC Public Health.*

University Service - University of South Florida

University-level

- 2005-2007 Member of Undergraduate Council
- 2000 Co-Chair, Council of Deans Task Force on the USF Library GIS Research and Data Center
- 1999-2002 University Site License Administrator for ESRI, Inc GIS Software

College-level

- 2007-2010 Member of College of Arts and Sciences Computing Committee.
- 2007-2008 Member of College of Arts and Sciences Faculty Development Committee
- 2004 Member of Grievance Committee
- 2002-2003 Chair of College of Arts & Sciences Graduate Committee.
- 2001-2004 Member of College of Arts & Sciences Graduate Committee.
- 1999-2001 Member of College of Arts and Sciences Computing Committee.

1999-2001 Member of College of Arts and Sciences Computer Steering Committee.

Department-level

2011- Director, USF Graduate Certificate in GIS Program.

2006-2007 Chair of Ad-Hoc Colloquium Committee

2004-2011 Member of GIS Certificate Committee

2004/5/8/10 Chair of Faculty Evaluation Committee

2004/6/7 Chair of Tenure and Promotion Committee

2003-2011 Member of Tenure and Promotion Committee

2003/4/6 Member of Faculty Evaluation Committee

1999-2004 Member of Graduate Committee.

2001 Program Founder and Co-ordinator, USF Graduate Certificate in GIS

2001-2002 Graduate Program Director

1997-1999 Member of Undergraduate Studies Committee.

Search Committees

2011 Chair of Search Committee (2 Visiting GIS Instructors)

2007-2008 Chair of Search Committee (Assistant Professor - GIScience)

2006 Member of Search Committee (Assistant Professor - Planning)

2005/6 Chair of Search Committee (GIS Instructor)

2002-2003 Chair of Search Committee (Associate Professor).

2002-2003 Chair of Search Committee (Permanent Instructor).

2001-2002 Member of Search Committee (Full/Associate Professor).

2001-2002 Member of Search Committee (Assistant Professor - St. Petersburg Campus).

2000-2001 Member of Search Committee (Assistant Professor).

1999-2000 Chair, Search Committee for an Assistant in Computing Position.

1998-1999 Member of Search Committee (Assistant Professor).

1997-1998 Member of Search Committee (Assistant Professor).

University Service - McMaster University

University-level

1996-1997 Member of Presidential Task Force on New Learning Technologies.

1996-1997 Member of University Teaching and Learning Committee.

1995 Member of University Senate Task Force on Orientation Week.

1993-1995 Co-Chair of University Orientation Week Steering Committee.

1994 Member of University Senate Residence Transition Task Force.

1989-1991 Member of University Young Alumni Committee

1990 Member of University Scholarship Awards Committee.

1989-1990 Member of University Computer Graphics Committee.

1989-1990 Member of University Merit Awards Committee.

Faculty-level

1996-1997 Member of Dean's Advisory Committee on Computing in Science, Faculty of Science.

1993-1994 Member of Faculty of Science Undergraduate Hearings Committee.

1989-1993 Member of Faculty of Social Science Undergraduate Admissions and Study Review Committee.

1987-1989 Member of Faculty of Science Open House Committee.

Department-level

1992-1997 Member of GIS Management Committee.

1987-1991 Undergraduate Counsellor.

1987-1991 Member of Computer Committee.

Other

1993-1996	Hall Director, Moulton Hall, McMaster University.
1991-1993	Hall Director, Brandon Hall, McMaster University.
1987-1989	Hall Director, Wallingford Hall, McMaster University.