

Jill C. Trepanier
Assistant Professor
Department of Geography and Anthropology
Louisiana State University
Curriculum Vitae – PS36 Format
10/4/13

Jill C. Trepanier
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Education

Ph.D. Geography (2012) Florida State University
Dissertation: *Quantifying extreme hurricane risk in the North Atlantic and Gulf of Mexico*

M.S. Geography (2009) Florida State University
Thesis: *Pre-landfall intensity as predictor of economic loss from Florida hurricanes, 1900 – 2007*

B.A. Geography (2007) University of Wisconsin-Oshkosh

1. Documentation

1.1. History of Assignments:

A report prepared by the chair describing assignments for teaching, scholarship, and service.

1.2 Teaching:

1.2.1 Documentation of teaching activities.

1.2.1.1 Teaching Evaluations: results of student evaluations of teaching.

Louisiana State University

(These evaluations are based on a 1 to 5 point scale, where 5 is excellent and 1 is poor)

	Overall Instructor Ratings	N
GEOG 2050 (Spring 2013)	4.78	92
GEOG 4221 (Spring 2013)	4.82	11
GEOG 2050 (Fall 2012)	4.45	74
GEOG 4013 (Fall 2012)	4.49	15

1.2.1.2 Teaching history

Louisiana State University

Course Number	Course Name	Semester	Enrollment
GEOG 4221	Tropical Atmospheres	Spring 2013	13
GEOG 2050	Geography of the Atmosphere	Spring 2013	234
GEOG 2050	Geography of the Atmosphere	Fall 2012	146
GEOG 4013	Meteorology	Fall 2012	20

Florida State University

Course Number	Course Name	Semester	Enrollment
GEOG 1330	Environmental Science	Summer 2008	30
		Fall 2009	125
		Summer 2009	30
GEOG 2200	Physical Geography	Spring 2010	30
		Fall 2011 <i>online</i>	50

* Graduate committees

1. Emily Powell, Ph.D. LSU, member
2. Harold F. Needham, Ph.D. LSU, member
3. Amanda Billiot, M.S., LSU, member
4. Clay Tucker, M.S., LSU, chair/advisor

1.2.2 Listing of publications concerning instruction

1.2.2.1 Textbooks

1.2.2.2 Shorter Works

1.2.2.3 Edited books with scholarly introductions or notes by the editor

1.2.2.4 Recordings

1.2.2.5 Instructional material--multimedia, electronic, etc.

1.2.2.6 Miscellaneous

1.2.3 Listing of publications concerning instruction accepted for publication but not yet published.

1.2.4 Participation in:

1.2.4.1 Professional Meetings, Symposia, Workshops, and Conferences on teaching (other than artistic performances).

1.2.4.2 Local instructional activities (guest lectures, etc.)

“The Sense and Nonsense of Global Warming” presentation at the Global Residential College, April 2013.

1.2.5 Other instructional activities or other contributions to the profession:

1.2.5.1 Membership in professional organizations;

1.2.5.2 Administrative duties;

1.2.5.3 New teaching methods/material developed, etc.

1.2.6 Awards, lectureships, or prizes that show recognition of teaching achievement.

1.2.7 Research Support/Grant Activities aimed at advancing one's ability to teach:

1. Board of Regents Traditional Enhancement Grant. Submitted October, 2012. Denied. Aimed at developing a Meteorology Laboratory facility to assist in the teaching of GEOG 4013: *Meteorology*.

1.3 Scholarship:

1.3.1 Listing of research publications

1.3.1.1 Books and Monographs: include place, publisher, and date of publication.

1.3.1.2 Shorter Works

Refereed Journal Articles

1. Trepanier, J. C., H. F. Needham, J. B. Elsner, T. H. Jagger (2013), Combining surge and wind risk from hurricanes using a copula model: An example from Galveston, Texas, *The Professional Geographer*, In Press.
2. Trepanier, J. C. and K. N. Scheitlin (2013), Hurricane wind risk in Louisiana, *Natural Hazards*, DOI 10.1007/s11069-013-0869-6
3. Strazzo, S. E., J. B. Elsner, J. C. Trepanier, K. Emanuel (2013), Frequency, intensity, and sensitivity to sea-surface temperature of North Atlantic TCs in best-track and simulated data, *Journal of Advances in Modeling Earth Systems*, 5, 1–10.
4. Elsner, J. B., **J. C. Trepanier**, S. E. Strazzo, and T. H. Jagger (2012), Sensitivity of limiting hurricane intensity to ocean warmth, *Geophysical Research Letters*, 39, L17702, doi:10.1029/2012GL053002.
5. Scheitlin, K. N., J. B. Elsner, S. W. Lewers, **J. C. Malmstadt** and T. H. Jagger (2011), Risk assessment of hurricane winds for Eglin Air Force Base in northwestern Florida, USA, *Theoretical and Applied Climatology*, doi:10.1007/s00704-010-0386-4.
6. Elsner, J. B., S. W. Lewers, **J. C. Malmstadt**, and T. H. Jagger, (2011), Estimating contemporary and future wind-damage losses from hurricanes affecting Eglin Air Force Base, Florida, *Journal of Applied Meteorology and Climatology*, 50, 1514–1526.
7. **Malmstadt, J. C.**, J. B. Elsner, and T. H. Jagger, (2010), Risk of strong hurricane winds to Florida cities, *Journal of Applied Meteorology and Climatology*, 49, 2121-2132.
8. Scheitlin, K. N., J. B. Elsner, **J. C. Malmstadt**, R. E. Hodges, and T. H. Jagger, (2010), Toward increased utilization of historical hurricane chronologies, *Journal of Geophysical Research*, 115, DOI:10.1029/2009JD012424.
9. **Malmstadt, J. C.**, K. N. Scheitlin, J. B. Elsner, (2009), Florida hurricanes and damage costs, *Southeastern Geographer*, 49, 108–131.

Book Chapters

1. **Malmstadt, J. C.**, J. B. Elsner, and T. H. Jagger, (2010), Frequency and intensity of hurricanes within Florida's threat zone. *Hurricanes and Climate Change, Volume 2*.

1.3.1.3 Edited books

1. Elsner, J. B., R. E. Hodges, **J. C. Malmstadt**, and K. N. Scheitlin (eds), (2010), *Hurricanes and Climate Change, Volume 2*.

1.3.1.4 Collections of previously unpublished material, correspondence and diaries

1.3.1.5 Recordings

1.3.1.6 Miscellaneous

1.3.1.7 Electronic dissemination of research.

1.3.2 Listing of other publications accepted for publication but not yet published.

1.3.3 Other creative and artistic contributions.

- 1.3.3.1 Original works presented: plays, poetry, musical compositions, art, designs, completed projects (interior design, architecture, landscape architecture, etc.)

- 1.3.3.2 Other creative activities: contributions to theatrical productions, guest artist in solo or collaborative presentations in juried competitions.

1.3.4 Participation in Other Professional Meetings, Symposia, Workshops, and Conferences

Presentations at Professional Meetings

Annual Meeting, Association of American Geographers, April 2013, Los Angeles, CA, paper presentation.

Annual Meeting, Association of American Geographers, February 2012, New York, NY, paper presentation.

29th Conference on Hurricanes and Tropical Meteorology, May 2010, Tucson, AZ, poster presentation.

Environmental Action Research Symposium, April 2010, Tallahassee, FL, paper presentation.

Annual Meeting, Southeast Division of the Association of American Geographers, November 2009, Birmingham, AL, paper presentation.

2nd International Summit on Hurricanes and Climate Change, June 2009, Corfu, Greece, poster presentation.

Annual Meeting, Association of American Geographers, April 2009, Las Vegas, NV, paper presentation.

1.3.5 Other scholarly or creative activities or other contributions to the profession:

1.3.5.1 Membership in professional organizations

1. Association of American Geographers
2. American Meteorology Association

1.3.5.2 Administrative duties

1.3.5.3 New standard testing methods, new design of equipment, etc.

1.3.6 Other awards, lectureships, or prizes that show recognition of scholarly or artistic achievement.

1.3.7 Other research Support/Grant Activities:

1. Board of Regents Research Competitiveness Subgroup Grant: Estimating the combined risk of hurricane wind and storm surge along the U.S. Gulf Coast. Denied.
2. Louisiana State University Council on Research Summer Stipend Grant: Risk of Extreme Hurricane Winds in Coastal Louisiana. Accepted (summer funding for July 2013).

1.3.8 Theses/dissertations directed.

1.3.9 Major areas of research interest.

1. Hurricanes, climate extremes, statistics

1.4 Service:

1.4.1 Student organizations advised.

Faculty Advisor for the Geography and Anthropology Undergraduate Society.
Began November 2012.

1.4.2 Recruitment of students and faculty.

1.4.3 University service: department, college, university, and Faculty Senate

committees.

1. Serve on the Information Technology Committee, LSU, Fall 2012
2. Serve on the Display Committee, LSU, Fall 2012 – Spring 2013

1.4.4 Professional service:

- 1.4.4.1 Advisory boards, commissions, or agencies.
- 1.4.4.2 Journals edited, manuscripts refereed, books and proposals reviewed.

Manuscripts Refereed

Cartography and Geographic Information Society:

“What’s the best way to communicate climate change? Public perceptions of spatial analogs for climate change.” November 2012

1.4.5 Other external service:

- 1.4.5.1 Art shows/science fairs judged.

2. Supporting Material

2.1 Teaching portfolios, including course syllabi, teaching philosophy, instructional material developed, etc.

2.2 Comments and letters of commendation from students, peers, etc.;

2.3 Copies of papers and evidence of other scholarly activities;

2.4 Examples of creative and artistic work;

2.5 Appointment letters to commissions, review panels, etc.