

**Gina R. Henderson**  
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## ADDRESS

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## EDUCATION

- Continuing    Doctor of Philosophy, Climatology  
University of Delaware, Newark, Delaware  
Thesis: Northern Hemisphere Snowcover Perturbations within  
NCAR's CAM and associated links with the NAO  
Faculty Advisor: Daniel Leathers, PhD and Brian Hanson, PhD
- 2005            Master of Science, Geography  
University of Delaware, Newark, Delaware  
Thesis: European Snowcover Extent Variability: a climatology  
from 1966-2002  
Faculty Advisor: Daniel Leathers, PhD
- 2000            Bachelor of Arts, Geography  
University College Dublin, Dublin, Ireland  
Thesis: A Climatology of Extratropical Cyclones in the North  
Atlantic Basin: 1969-1994  
Faculty Advisor: Gerald Mills, PhD

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## AWARDS & GRANTS

- Fellowships  
2002-2003            Department of Geography Fellowship Recipient
- Travel Grants  
2004-2006            Graduate Student Travel Award  
Department of Geography Travel Grant  
Office of Women's Studies Travel Grant

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## TEACHING EXPERIENCE

Instructor                      Climate and Life (Geog152)  
Department of Geography, University of Delaware  
Winter 2007, 2008 (10, 20 students respectively)

Physical Geography: Climatic Processes (Geog101)  
Department of Geography, University of Delaware  
Winter 2006 (30 students)

Teaching Assistant            Department of Geography, University of Delaware  
Spring 2004, Fall 2007-2008

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## RESEARCH POSITIONS

Research Assistant            Delaware Earth Observing System (DEOS)  
Supervisor: Dr. Daniel Leathers  
Department of Geography, University of Delaware  
Summer 2006, 2007

Research Assistant            SNTHERN modeling of COAD station data across  
the U.S. (NASA Grant # G5-7546)  
Supervisor: Dr. Daniel Leathers  
Department of Geography, University of Delaware  
September 2003-August 2004

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## PUBLICATIONS

### Refereed Publications

Leathers, D.J., Malin, M.L., Kluver, D.B, **Henderson, G.R.** and Bogart, T.A. (2008). Hydroclimatic variability across the Susquehanna River Basin, USA, since the 17<sup>th</sup> century, *International Journal of Climatology*.

**Henderson, G.R.** and Leathers, D.J. (under revision). European snowcover extent variability, *International Journal of Climatology*.

Willmott, C.J., Nickl, E.C., Johnson, M.L., **Henderson, G.R.**, Frost, E.E. and Butke, J.T., Spatial resolution errors associated with gridded precipitation fields resolved at different spatial and temporal resolutions, (to be submitted to the *Journal of Climate*)

## Conference Presentations

**Henderson, G.R.** and Leathers, D.J. (2007), Atmospheric processes associated with snowcover ablation events and their effect on the flood hydroclimatology of the Chesapeake Bay, *Proceedings of the Association of American Geographers AGM, San Francisco, CA, April.*

**Henderson, G.R.** (2006), European snowcover extent variability: a climatology from 1967-2002, *Proceedings of the 63<sup>rd</sup> Eastern Snow Conference, Newark, DE, June.*

**Henderson, G.R.** (2005), European snowcover extent variability: a climatology from 1967-2002, *Proceedings of the Association of American Geographers AGM, Denver, CO, April.*

**Henderson, G.R.** (2004), European snowcover extent variability: a climatology from 1967-2002, *Proceedings of the Association of American Geographers AGM, Philadelphia, PA, April.*

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## **COMPUTER SKILLS**

Operating Systems	UNIX, Linux, DOS, Windows, MacOS
Software Packages	MS Office, ESRI ArcGIS, Adobe, SPSS, Maple, Mathematica, Golden
Programming	Fortran, NCAR Command Language (NCL), Make, HTML (familiar)

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## **PROFESSIONAL DEVELOPMENT ACTIVITY**

Accepted into *Higher Education Teaching Certificate* Program (2007), Center for Teaching Effectiveness, University of Delaware, Newark, Delaware. Systematic and comprehensive preparation of graduate students for all aspects of their future faculty careers. Includes courses in Learning in the College Classroom; Pedagogy in Higher Education; Faculty Roles and Academic Job Search.

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## **SERVICE & PROFESSIONAL AFFILIATIONS**

Community	Delaware Science Olympiad Tournament (March 2006) High School Remote Sensing Competition Delaware State University, Dover, Delaware
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Guest Speaker (March 2005)  
Geography Awareness Week for the Delaware Geographic Alliance,  
Middletown, Delaware  
University & Department Team Captain, Department of Geography softball team (2007)  
Graduate Student Representative to the Faculty (2005-2006)  
Web keeper for the International Students Society Cosmopolitan Club  
(2007)

Professional Organizations Association of American Geographers  
American Geophysical Union  
European Geography Union

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## **EXTRACURRICULAR INTERESTS**

Having lived on the coast of Ireland for a number of years, it allowed me to become an accomplished sailor both in racing and cruising. This helped fuel my interest in weather and climate from a young age. Travel also interests me a great deal, having worked as a yacht captain throughout much of the Caribbean island chain.

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## **PROFESSIONAL REFERENCES**

Dr. Daniel J. Leathers, Professor  
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University of Delaware, Newark, DE 19711  
Tel +1 302.831.8764  
Email [leathers@udel.edu](mailto:leathers@udel.edu)

Dr. Brian Hanson, Professor and Chair  
Department of Geography, 216 Pearson Hall  
University of Delaware, Newark, DE 19711  
Tel +1 302.831.8268  
Email [hanson@udel.edu](mailto:hanson@udel.edu)