

CURRICULUM VITAE OF AUDREY WAGNER

I. PROFESSIONAL AFFILIATION AND CONTACT INFORMATION

A. Present university Department or Unit :

Department of Geography and Environmental Resources

B. Office Address :

Southern Illinois University Carbondale
1000 Faner Drive, Room 4520
Carbondale, Illinois 62901
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II. EDUCATION

Bachelor of Arts, Philosophy
University of South Alabama, May 1990

Master of Arts, Philosophy
University of Illinois, May 1992

Bachelor of Science, Chemistry
Southern Illinois University, December 2008

Master of Science, Geography and Environmental Resources
Southern Illinois University, August 2011

III. PROFESSIONAL EXPERIENCE

Lecturer, 11/2011 – present Dept. of Geography and Environmental Resources, SIU.

GIS Consultant, 12/2010- 7/2011, Buncombe Water District, Makanda, IL

Graduate Research Assistant, 5/2009-5/2011 Department. of Geography and Environmental Resources, SIU.

Graduate Research Assistant 05/2008-present Department of Chemistry and Biochemistry, SIU.

Undergraduate Research Assistant 8/2006 – 5/2007 Department of Chemistry and Biochemistry, SIU.

Undergraduate Research Assistant 8/2005 – 5/2005 Department of Physics, SIU.

Undergraduate Research Assistant 5/2005 – 8/2005 Department of Plant and Soil Science, SIU.

Assistan Broadcast Weather Forecaster 9/1994-9/1995 WILL-AM/FM Radio.

Classical Music Host 2/1994-9/1995 WILL-FM Radio.

Technical Operator 9/1993-9/1995 WILL-AM/FM Radio.

Student Research Assistant (Summer 1991, Summer 1992) Department of Horticulture, University of Illinois, Urbana, IL.

Laboratory Technician (03/1987-12/1989, alternating quarters) Alabama Department of Environmental Management, Mobile, AL.

IV. RESEARCH AND CREATIVE ACTIVITY

A. Interests and Specialties :

Meteorology, Climatology, Societal impacts of weather, Global Climate Change, Urban Geography, Sustainable transportation planning, Local and organic food, Sustainability

B. Current Projects :

Development of online materials for weather-related courses, Bicycle advocacy at SIU and in Carbondale

C. Grants Received:

SIU Bike Day, SIU Greenfund, 10/2013-5/2014

D. Honors and Awards :

American Chemical Society Outstanding Senior Award, SIUC, 04/2007

Hal Stone Memorial Scholarship, SIUC, 04/2006

Department of Philosophy fellowship, UIUC, 09/1991-06/1992

Department of Philosophy top graduating senior, University of South Alabama, 1990

Department of Geography top graduating senior, University of South Alabama, 1990

Presidential Scholarship, University of South Alabama, 1989-1990

D. Papers and Presentations at Professional Meetings :

Poster Presentations

1. "Secondary Organic Aerosol Production from Complex Precursor Mixtures" Kara E. Huff Hartz, Hardik Amin, **Audrey Wagner**, Meagan Hatfield, John Junge, American Association for Aerosol Research, FL (10/2008).
2. "Mass Spectrometric Speciation of Particulate Matter Formed by the Ozonolysis of Household Volatile Organic Compounds" Kara E. Huff Hartz, Hardik Amin, **Audrey Wagner**, Meagan Hatfield, John Junge, Federation of Analytical Chemists and Spectroscopists Society Meeting, Memphis, TN (10/2007).

V. PUBLICATIONS AND CREATIVE WORKS

A. Articles in Professional Journals :

Wong, V. N., Fernando, G., **Wagner, A.R.**, Zhang, J., Kinsel, G.R., Zauscher, S., & Dyer, D.J. (2009). Separation of peptides with polyionic nanosponges for MALDI-MS analysis. *Langmuir*, 1459 – 1465.

VI. TEACHING EXPERIENCE

A. Teaching Interests and Specialties :

Meteorology, Climatology, Urban Geography, Sustainability, Cartography, Geospatial Techniques, Climate Change, Bicycle Planning and Advocacy.

B. Other:

Attended American Meteorological Society Climate Studies Diversity Project Workshop, 05/2013

VII. UNIVERSITY EXPERIENCE

A. College and University Committees and Councils :

Graduate Representative, CoLA Council, 2010-2011

VIII. PROFESSIONAL SERVICE

A. Membership in Professional Associations :

Association of Pedestrian and Bicycle Professionals, 2013-2015

American Meteorological Society, 2010-2015

American Chemistry Society 2007-2010

American Geophysical Union, 2010-2011

IX. COMMUNITY SERVICE

Carbondale Sustainability Commission 2012 – present, Chair 5/2013-12/2014

Carbondale Community High School Band Boosters, 2012 – present

Carbondale Middle School Band Boosters, 2009 – 2013