

Curriculum Vitae

Ashley B. Zung

Department of Geography, University of Kansas
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RESEARCH INTERESTS

Effect of climate and disturbance on soil genesis; late-Quaternary soil stratigraphy, climate change, and landscape evolution; quantifying soil processes related to climate; terrestrial climate modeling; data exploration and statistical analysis; field and laboratory methods for soil classification and paleoenvironmental reconstructions; soil conservation and soil appreciation.

EDUCATION

Ph.D. Candidate, Geography (with honors), University of Kansas, Lawrence, KS, anticipated May 2013
Tentative dissertation title: *Reconstructing climate on the Southern Rolling Plains from buried soils: A quantitative approach*

M.A., Geography (with honors), University of Kansas, Lawrence, KS, May 2008
Thesis title: *Landslide soils and geomorphology in Camp Davis Quadrangle, Bridger-Teton National Forest, Wyoming*

B.S., Journalism, Advertising emphasis, University of Kansas, Lawrence, KS, December 1998

B.A., Communication Studies, University of Kansas, Lawrence, KS, December 1998

TEACHING EXPERIENCE

Jan 2010-May 2010 **Graduate Teaching Assistant**, Introductory Laboratory in Physical Geography
Department of Geography, University of Kansas

Aug 2009-Dec 2009 **Graduate Teaching Assistant**, Introduction to Soil Geography Laboratory
Department of Geography, University of Kansas

Jan 2009-May 2009 **Graduate Teaching Assistant**, Capstone Project
Environmental Studies Department, University of Kansas

Aug 2008-Dec 2008 **Graduate Teaching Assistant**, Field Ecology
Environmental Studies Department, University of Kansas
Graduate Teaching Assistant, Methods for Analyzing Geographic Data Laboratory
Department of Geography, University of Kansas

Aug 2006-Dec 2006 **Graduate Teaching Assistant**, Environmental Studies Seminar: Soils
Environmental Studies Department, University of Kansas

Aug 2005-May 2006 **Graduate Teaching Assistant**, Introductory Laboratory in Physical Geography
Department of Geography, University of Kansas

RESEARCH EXPERIENCE

Aug 2010-Aug 2011 **Graduate Research Assistant**, Dr. Johan Feddema, SIMMER Project
National Center for Atmospheric Research and KU Department of Geography

May 2010-Aug 2010 **Field Research Assistant**, Dr. Rolfe Mandel
Kansas Geological Survey

May 2009-Aug 2009 **Field Research Assistant**, Dr. Rolfe Mandel
Kansas Geological Survey

Jan 2009-May 2009 **Graduate Research Assistant**, Dr. Daniel Hirmas, Pedology Laboratory
KU Department of Geography

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- May 2006-Aug 2006 **Graduate Research Assistant**, Dr. William C. Johnson
Kansas Geological Survey and KU Department of Geography
- Aug 2004-July 2005 **Graduate Research Assistant**, Dr. A. Townsend Peterson
U.S. Department of Defense and KU Natural History Museum & Biodiversity Research
Center

PROFESSIONAL EXPERIENCE

- Oct 2002-Dec 2003 **Group Planning Manager**, Bernstein-Rein Advertising, Inc., Kansas City, MO
- Jan 2000-Sep 2002 **Internet Media Supervisor**, Bernstein-Rein Advertising, Inc., Kansas City, MO
- Jan 1999-Dec 1999 **Media Planning Associate**, Starcom Worldwide, Chicago, IL

FELLOWSHIPS, GRANTS & SCHOLARSHIPS

- NSF IGERT C-CHANGE Fellowship, 2010-2015
- Geological Society of America Student Research Grant, 2010
- Kollmorgen Graduate Research Scholarship, Department of Geography, University of Kansas, 2009
- Geological Society of America Student Travel Grant, 2008, 2010
- Association for Women Geoscientists Osage Chapter Scholarship, 2007, 2010

SERVICE

- KU Geography Department, Physical Geography graduate student representative, 2011-2012
- Annual Meeting of the Great Plains/Rocky Mountain Division of the Association of American Geographers, Planning Committee member, 2010
- Graduate Student Organization, KU Geography Department, Secretary, 2009-2010
- Curriculum Committee, KU Geography Department, student representative, 2008-2009
- Search committee for Soil Geomorphology Assistant Professor, KU Geography Department, graduate student representative, 2007-2008
- University of Kansas Globe-O-Mania, student volunteer, 2007, 2009, 2010, 2011
- Curriculum & Outreach Committee, KU Geography Department, student representative, Spring 2005
- University of Kansas GIS Day, Promotions and publicity leader, 2004, 2006

PROFESSIONAL AFFILIATIONS

American Geophysical Union
American Quaternary Association
Association of American Geographers
Association for Women Geoscientists
Geological Society of America
Golden Key International Honour Society
Kansas Association of Professional Soil Classifiers
Soil Science Society of America

PUBLICATIONS

Zung, Ashley B. 2010. "Landslide" in *Encyclopedia of Geography*, editor Barney Warf. Thousand Oaks, CA: Sage.

Zung, Ashley B., Sorenson, Curtis J. and Winthers, Eric. 2009. Landslide soils and geomorphology in Bridger-Teton National Forest, Northwest Wyoming. *Physical Geography*, 30(6): 501-516.

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PRESENTATIONS & POSTERS

Johannes J. Feddema, **Ashley Zung**, and Wiebo Liu. "Houston Urban Land Use/Land Cover Data Set." System for Integrated Modeling of Metropolitan Extreme Heat Risk (SIMMER), 2nd Annual Project Workshop, October 10-11, 2011.

Ashley B. Zung and Johannes J. Feddema. "A quantitative approach to reconstructing Great Plains climate from soils." Annual Meeting of Geological Society of America, October 9-12, 2011.

Ashley B. Zung and Johannes J. Feddema. "Potential for buried soils to improve the Great Plains paleoclimate record: Initial findings." Association of American Geographers Annual Meeting, April 12-16, 2011.

Ashley B. Zung and Rolfe Mandel. "Geomorphology and soil stratigraphy of Farra Canyon, central Oklahoma," Annual Meeting of Geological Society of America, October 31-November 4, 2010.

Ashley Zung. "Anthropogenic soil enrichment at a Paleoarchaic campsite, northeastern Kansas," University of Kansas, Department of Geography Graduate Student Organization Brown Bag Colloquium, February 5, 2009.

Ashley B. Zung. "Mass wasting in the Rocky Mountains," lecture presented in Regional Geomorphology of North America (GEOG 331), Department of Geography, University of Kansas, November 5, 2008.

Ashley B. Zung, Curtis J. Sorenson and Eric Winthers. "Landslide soils and geomorphology in Bridger-Teton National Forest, Northwest Wyoming," Joint Annual Meeting of Geological Society of America, Soil Science Society of America, American Society of Agronomy and Crop Science Society of America, October 5-9, 2008.

Ashley Brooke Zung, Curtis J. Sorenson and Eric Winthers. "Geomorphic character of landslides in Camp Davis Quadrangle, Bridger-Teton National Forest, Wyoming," Association of American Geographers Annual Meeting, April 15-19, 2008.

Ashley Zung. "Relationship of soil properties to landslide occurrence, Camp Davis Quadrangle, Bridger Teton National Forest, WY," Kansas Association of Professional Soil Classifiers Annual Meeting, April 27-28, 2006.