

ELIZABETH ANN LOWHAM
California Polytechnic State University
San Luis Obispo, CA 93402

Education

- Ph. D. University of Colorado, Boulder. Political Science. August 2007.
- M.A. University of Colorado, Boulder. Political Science. Graduate Certificate in Environment, Policy, and Society. May 2003
- B.A. Carleton College, Northfield, MN. Magna Cum Laude Geology (also with Distinction) and Environmental and Technological Studies. May 2001

Theses Titles

- Ph.D. Too Many Cooks? Distributed Leadership in the Remediation and Redevelopment of State Brownfields
(Advisors: Susan Clarke and Ann C. Keller, Chairs; Sam Fitch, Ken Bickers, and John McIver)
- M.A. Herding Wild Cats: The implementation and evaluation of interdisciplinary research
(Reviewers: Ann C. Keller, Susan Clarke, Roger Pielke, Jr.)
- B.A. Geology in Context: Problem-based learning and the Ok Tedi Mine; passed with Distinction
(Advisor: Shelby Boardman)

Additional Educational Experiences

Facilitator and Trainer Competency Training, Natrona County School District #1, Spring and Summer 2006

Inter-University Consortium for Political and Social Research: Social Network Analysis, Summer 2004

January Institute on Qualitative Methods, Consortium on Qualitative Research Methods (CQR), January 2004

University of Michigan Institute for Survey Research: Analysis of Survey Data III and Introduction to Multi-Method Research, Summer 2003

Society for Organizational Learning, Core Competency Course, September 2002

Duke University, Nicholas School of the Environment and Earth Science; Beaufort, North Carolina, Summer 2000

Teaching Fields

Public Policy, Environmental Politics and Policy, Science and Technology Policy, Research Design and Epistemology, Quantitative Methods, Context Sensitive Methods, Inter-institutional Relations

Interested in developing courses on: issues crosscutting quantitative and qualitative methodologies, new realities of inter-institutional relations as they effect policy implementation, local policy issues with a special emphasis on community based initiatives and collaboration, and using advances in organizational design and behavior to study inter and intra-institutional relations

Ph.D. Requirements Fulfilled

Public Policy (examination passed March 2004)
Empirical Theory and Research Methodology (examination passed March 2004)
American Politics (coursework completed December 2003)

Academic Awards and Honors

Graduate Research Opportunity Grant, Department of Political Science, University of Colorado, Boulder, Summer 2005 (Supporting Dissertation Research)
NSF Integrative Graduate Education and Research Traineeship, Fellow in Carbon, Climate and Society Initiative, June 2004-July 2006, August 2001-August 2003, under Jim White (Geology/Environmental Studies) and Alan Townsend (Institute for Arctic and Alpine Research)
Graduate Research Opportunity Grant, Department of Political Science, University of Colorado, Boulder, Summer 2004 (Supporting ICPSR Short Course)
Summer Opportunity Award, Department of Political Science, University of Colorado, Boulder, Summer 2003 (Supporting SRI Courses)
Wingspread Fellow, Carleton Distinguished Scholar and Carleton Merit Scholar, Carleton College, Northfield, MN, September 1997- June 2001

Teaching Experience

Graduate Teaching Certificate, University of Colorado, Boulder, through the Graduate Teaching Program, in progress
Graduate Part-Time Instructor, University of Colorado, Boulder, Introduction to the American Political System, May 2004
Head Graduate Teaching Assistant, University of Colorado, Boulder, Introduction to American Political System (Political Science 1101) with Professor John McIver, Fall 2006
Graduate Teaching Assistant, University of Colorado, Boulder
Graduate Classes
Context Sensitive Research Methods (Political Science 5116/7116) with Professor Ron Brunner, Spring 2006, Spring 2005
Advanced Political Data Analysis (Political Science 5095/7095) with Professor David Leblang, Spring 2004

Introduction to Political Data Analysis (Political Science 5085/7085) with Professor Vanessa Baird, Fall 2003

Undergraduate Classes

Introduction to American Politics (Political Science 1101) with Professor John McIver, Fall 2004

Urban Politics (Political Science 3071) with Professor Robert Preuhs, Spring 2007

Substitute Teacher, Natrona County School District #1, Casper, WY, Winter 1999

Laboratory Teaching Assistant, Carleton College, Northfield, MN

Mineralogy, Petrology, Introduction to Geology, Spring 2000-Summer 2001

Publications

with Jason Vogel. January/February 2007. "Building consensus for constructive action: A study of the perspectives on natural resource management." *The Journal of Forestry*. Vol . 105; No. 1: pp. 20-26

with Erica Chenoweth. Forthcoming. On classifying terrorism: A potential contribution of cluster analysis for academics and policy makers. *Defense and Security Analysis*.

with Annie Schilla. Under Review. The promise and peril of interdisciplinary graduate training. *Nature*.

Conference Papers and Invited Presentations

"Overcoming the Tragedy of Inaction: Using Q Methodology and Cluster Analysis to Understand Perspectives." Prepared for delivery at the Policy Sciences Summer Workshop, 2006, Boulder, CO.

"Overcoming the Tragedy of Inaction: Perspectives on Scientific Management in Natural Resources." Prepared for delivery at Science and Technology in Society: An Interdisciplinary Graduate Student Conference at the American Association for the Advancement of Science, 2005, Washington, D.C.

Service

Representative to Graduate Committee, August 2006-present

Graduate Student Representative on the Internal Review Committee for the Department of Ecology and Evolutionary Biology, Spring 2005

New Student Mentor, August 2004-June 2005

Graduate Student Representative on the Joint Political Science/Environmental Studies Search Committee, University of Colorado, Fall 2004

Graduate Student Representative on the American Politics Search Committee, University of Colorado, Fall 2002 and Spring 2003

Other Work Experience

Facilitator and Trainer for Consensus and Collaborative Decision Making Processes. Natrona County School District #1, Casper, WY, August 2006 to present

Travel Experience

Michigan and Minnesota: Summer 2006 (dissertation field work)
Washington, D.C.: January-March 2001 (political science off campus study, credit toward B.A.)
Coldigioco, Italy: August-November 1999 (geology field work and off campus study, credit toward B.A.)

Internship Experience

United States Senate Intern, Senate Committee on Energy and Natural Resources, January-March 2001
National Center for Atmospheric Research, Boulder, CO, Summer 1999
Double Eagle Oil and Gas Company, Casper, WY, Summer 1998

Academic References

Professor Susan Clarke, Department of Political Science, University of Colorado, Boulder, 333 UCB, Boulder, CO 80309 susan.clarke@colorado.edu
Professor Ann C. Keller, School of Public Health, University of California, Berkeley, 406 Warren Hall, Berkeley, CA 94720-1950 ackeller@socrates.berkeley.edu
Professor John McIver, Department of Political Science, University of Colorado, Boulder, 333 UCB, Boulder, CO 80309 john.mciver@colorado.edu
Professor Ken Bickers, Department of Political Science, University of Colorado, Boulder, 333 UCB, Boulder, CO 80309 kenneth.bickers@colorado.edu