

Kathleen M. Carson

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Saint Louis, Missouri 63110
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EDUCATION

- 2006-Present PhD Candidate, Public Policy Analysis
Saint Louis University
Advisor: Sarah Coffin, PhD
Dissertation (in progress): Networking to Sustainability—Analysis of a Collaboration to Address the “Wicked Problem of Pharmaceutical Waste”
- 2003-2005 Master of Arts, Educational Leadership & Policy Analysis
University of Missouri-Columbia
Advisors: Jennifer Hart, PhD & Rainer Glaser, PhD
Thesis: *Chemistry Is in the News: Assessing Intra-Group Peer Review*
- 2000-2003 Bachelor of Arts, International Studies
University of Missouri-Columbia

EXPERIENCE

- 2006-Present Graduate Research Assistant
Saint Louis Healthy Families Evaluation Team
Principle Investigator: Mary Domahidy, PhD
Project funded by the U.S. Department of Health and Human Services
Department of Public Policy Studies, Saint Louis University
- Design questionnaires
 - Collect, manage, and analyze quantitative, qualitative, and network data
 - Conduct qualitative interviews and focus groups
 - Communicate with coalition and partners about evaluation schedule
 - Assist in organizing and hosting annual Knowledge Exchange Forum
- 2011 Teaching Assistant
Department of Public Policy Studies, Saint Louis University
- Planning the Metropolis
- 2010 Adjunct Instructor
Department of Political Science, Saint Louis University
- Environmental Policy and Politics
 - American Government
- 2010 Network Analysis Contractor
Center for Service and Community Engagement, Saint Louis University
- Design questionnaire
 - Manage and analyze quantitative data
 - Prepare and present report to stakeholders
- 2009 Teaching Assistant
Department of Public Policy Studies, Saint Louis University
- Environmental Planning

- 2003-2005 Graduate Research Assistant
Chemistry Is in the News (CIITN) Curriculum Development and Evaluation
Principle Investigator: Rainer Glaser, PhD
Project funded by the National Science Foundation,
Department of Chemistry, University of Missouri-Columbia
- Design assessment tools and questionnaires
 - Collect and analyze quantitative data
 - Instruct students on webtool use and *CIITN* project creation

SKILLS

Proficient with

- PASW (SPSS)
- UCINET

Experience with

- SAS
- E-Views
- ArcGIS

AWARD

- 2005 University of Missouri-Columbia Best Master's Thesis

PROFESSIONAL ORGANIZATION MEMBERSHIPS

Association of Collegiate Schools of Planning

American Evaluation Association

American Planning Association – Saint Louis University Student Chapter

American Political Science Association

Association for Public Policy Analysis & Management

Community Development Society

International Society for Industrial Ecology

ACADEMIC PUBLICATIONS

- 2009 *Chemistry Is in the News: Assessing Intra-Group Peer Review*
K.M Carson & R.E. Glaser
Assessment & Evaluation in Higher Education, 2009, 34, 69-81.
- 2009 *Chemistry Is in the News: The Why and Wherefore of Integrating Popular News Media into the Chemistry Classroom*
K.M. Carson, D.L. Hume, Y. Sui, S. Schelble, & R.E. Glaser
Chapter 16 in the *Chemists' Guide to Effective Teaching*, Vol. 2, Thomas J. Greenbowe, Melanie M. Cooper, and Norbert J. Pienta, Editors. Prentice Hall Series in Educational Innovation, Prentice Hall: Upper Saddle River, NJ, 2009.
- 2007 *The Chemistry Is in the News Project: Can a Workshop Induce a Pedagogical Change?*
M. Barak, K.M. Carson, & U. Zoller
Journal of Chemical Education, 84, 2007, 1712-1716.
- 2006 *Teaching Dissent and Persuasion*
K.M. Carson, B. Hodgen, & R. E. Glaser

- Education Resesarch Review* 2006, *1*, 115-12.
- 2006 *Chemistry Is in the News*. Assessment of Student Attitudes toward Authentic News Media Based Learning Activities
D.L. Hume, K.M. Carson, B. Hodgen, & R.E. Glaser
Journal of Chemical Education 2006, *83*, 662-667.
- 2005 *Chemistry Is in the News*. Taxonomy of Authentic News Media Based Learning Activities
RE. Glaser & K.M. Carson
International Journal of Science Education 2005, *27*, 1083-1098.

GENERAL PRESS PUBLICATION

- 2010 Environmental Sustainability in Developing Nations
K. Carson
OneWorld Saint Louis University, Sustainability Special Issue, April 2010, p. 30.

PRESENTATIONS

- 2010 Brownfield Redevelopment in St. Louis, Missouri
K. Carson & C. Bradford
42nd Annual Meeting of the Community Development Society and International Association for Community Development, New Orleans, Louisiana, July 25-28, 2010.
- 2010 Evaluation through the Looking Glass
M. Domahidy, K. Carson, & C. Luebbert
42nd Annual Meeting of the Community Development Society and International Association for Community Development, New Orleans, Louisiana, July 25-28, 2010.
- 2009 Network as a Means to Resilience
M. Domahidy, K. Carson, & D. McIntosh Farrand
41st Annual Meeting of the Community Development Society, Memphis, Tennessee, July 26-29, 2010.
- 2009 The Green Survival Strategy for Threatened Manufacturing Sectors in U.S. Cities
S. Coffin, N. Green Leigh, K. Carson, & V. Horton
8th International Symposium on Urban Planning and the Environment (UPE8), Kaiserslautern, Germany, March 23-26, 2009.
- 2008 Mapping Collaboration and Engagement: Using Network Analysis to Examine the Healthy Marriages-Healthy Families, St. Louis Project [poster]
K. Carson, M. Domahidy, D. Ruggeri, K. Lobstein, & D. McIntosh-Farrand
40th Annual Meeting of the Community Development Society, Saskatoon, Saskatchewan Canada, July 22-26, 2008.
- 2008 Research, Education and Communication in "Science 2.0" [poster]
R. Glaser & K.M. Carson
Missouri Life Sciences Week at the University of Missouri, Columbia, Missouri, April 16, 2008.
- 2006 Science Education as an International Mandate
K.M. Carson
19th Biennial Conference on Chemical Education, Purdue University, West Lafayette, Indiana, July 30 - August 3, 2006.
- 2006 *Chemistry Is in the News*: Collaboration, Peer Review, and Science Communication

- R.E. Glaser, K.M. Carson, & Y. Sui
232nd National Meeting & Exposition of the American Chemical Society, San Francisco, California, September 13, 2006.
- 2005 *Chemistry Is in the News*: Preparing College Students for Science Communication
R.E. Glaser, Y. Sui, K.M. Carson, & S. Rodgers
AAAS Annual Meeting 2006, Missouri, February 19, 2006.
- 2005 *Chemistry Is in the News*: Active Learning, Interclass and Interstate, and Interdisciplinary
R.E. Glaser, S. Schelble, Y. Sui, K.M. Carson, & E. Angles
Teaching Organic Chemistry Conference, Lincoln, Nebraska, June 3, 2005.
- 2005 *Chemistry Is in the News*: Evolution of a Modern Curriculum
R.E. Glaser, K.M. Carson, Y. Sui, B. Hodgen, C. Koetting, S.M. Schelble, U. Zoller, G. Fels, & S. Rodgers
229th ACS National Meeting, San Diego, CA, March 14, 2005.
- 2005 *Chemistry Is in the News* Webtool: Employing Information Science and Technology to Harness Global Information Sources
R.E. Glaser, Y. Sui, & K.M. Carson
229th ACS National Meeting, San Diego, CA, March 14, 2005.
- 2005 Facilitating and Balancing Collaborative Group Work in the Large Lecture Class [Poster]
R.E. Glaser, C. Koetting, Y. Sui, & K.M. Carson
229th ACS National Meeting, San Diego, CA, March 13-17, 2005.
- 2005 The Collegiate Readership Program and Its Integration into the Chemistry Classroom with *Chemistry Is in the News* [poster]
K. O'Brien, C. Douglas, K. Carson, Y. Sui, C. Koetting, & R. Glaser
Teaching Renewal Conference, Columbia, MO, February 24-26, 2005.
- 2004 *Chemistry Is in the News* Workshops: Faculty Preparation and Development
R. Glaser, K.M. Carson, B. Hodgen, Z. Wu, Y. Sui, S. Schelble, and E. Lupo
228th ACS National Meeting, Philadelphia, PA, August 22-26, 2004.
- 2004 *Chemistry Is in the News* Webtool: Facilitating Science Collaboration and Communication [poster]
R. Glaser, Z. Wu, Y. Sui, B. Hodgen, and K. Carson
228th ACS National Meeting, Philadelphia, PA, August 22, 2004.
- 2004 *Chemistry Is in the News*: Teaching Students to Read Science
B. Hodgen, K.M. Carson, Z. Wu, Y. Sui, & R.E. Glaser
18th Biennial Conference on Chemistry Education, Iowa State University, Ames, Iowa, July 20, 2004.
- 2004 *Science Is in the News*: High School Chemistry Enrichment Opportunity
K. Carson, B. Hodgen, Z. Wu, Y. Sui, & R. Glaser
18th Biennial Conference on Chemistry Education, Iowa State University, Ames, Iowa, July 19, 2004.
- 2004 *Chemistry Is in the News*
R. Glaser, K.M. Carson, B. Hodgen, Z. Wu, & Y. Sui
Summer Physical Science Institute for Middle Level Teachers, University of Missouri, Columbia, Missouri, July 12, 2004.

- 2004 *Chemistry Is in the News: Preparation for Science Communication* [poster]
R.E. Glaser, K.M. Carson, B. Hodgen, Z. Wu, Y.Sui, S. Schelble, & E. Lupo
National Science Foundation, Course, Curriculum, and Laboratory Improvement (NSF-CCLI)
Program Conference, Arlington, Virginia, April 16 - 18, 2004.
- 2004 Teaching in Context: Using News to Make Chemistry Content Relevant
K.M. Carson, B. Hodgen, Z. Wu, Y. Sui, & R.E. Glaser,
14th Annual Teaching Renewal Conference, University of Missouri-Columbia, Columbia,
Missouri, February 26, 2004.
- 2003 Contextual Testing in Chemistry: Preparation for the MCAT
R.E. Glaser, B. Hodgen, & K.M Carson
38th ACS Midwest Regional Meeting, Columbia, Missouri, November 5 - 7, 2003.