

ELIZABETH SOWATZKE BAGLEY

University of Wisconsin-Madison
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EDUCATION

University of Wisconsin - Madison

Pursuing a joint Ph.D. in Educational Psychology, Learning Sciences Area and Environment and Resources

Expected graduation date: August, 2011

Joint M.S. in Educational Psychology, Learning Sciences Area and Conservation Biology and Sustainable Development

2008

B.S. in Zoology and Biological Aspects of Conservation

Certificate in Environmental Studies

2002

APPOINTMENTS

Research Intern, *Walt Disney Company Imagineering, Glendale, CA*

Summer 2008

Disney Research and Development: Learning Initiative

Collaborated with education specialists, game designers, artists, and marketers

Researcher, *Epistemic Games Research Laboratory*

2005-present

Urban Science Project

Lead researcher responsible for subject recruitment, protocol approval, multi-stage data collection and analysis, supervision of research staff, and collaboration with outside institutions.

Research Fellow, *Academic Advanced Distributed Learning Co-laboratory*

2005-2007

Games and Professional Practice Simulations (GAPPS) Collaborative

Teaching Assistant, *Educational Psychology*

Summer 2006

Human Abilities and Learning

Project Assistant, *Center for Sustainability and the Global Environment*

2005-2006

Created annotated bibliographies for peer-reviewed papers and reports

Managed website Ecohealth101.org

Conducted literature searches on numerous health and environmental topics

Science Teacher, *North Central High School, Lebeau, LA*

2002-2004

Taught 8th grade earth science, 9th grade physical science, 10th grade biology, honors physics, and 11th and 12th grade environmental science classes in the St. Landry Parish School District through *Teach for America*.

Louisiana Certification Awarded September 2003

Naturalist, *Glacier Institute, Glacier National Park*

Summer 2003

Facilitated environmental education programs focused on the Crown of the

Continent ecosystem

PROFESSIONAL SERVICE

Planning Committee, Games, Learning, and Society Conference Games and Professional Practice Simulations (GAPPS) Collaborative	2005-2006
Educational Psychology Student Association Department of Educational Psychology	2005-present
Student Representative, Conservation Biology and Sustainable Development Gaylord Nelson Institute for Environmental Studies	2005

PUBLICATIONS

Bagley, Elizabeth & Shaffer, DW (2010). The epistemography of urban and regional planning 912: Appropriation in the face of resistance. Paper presented at the Association of Collegiate Schools of Planning conference (ACSP), Minneapolis, Minnesota.

Graesser, A., Cai, Z., Wood, J., Hatfield, D., Bagley, E., Nash, P., & Shaffer, D.W. (2010). Comments of Journalism Mentors on News Stories: Classification and Epistemic Status of Mentor Contributions. Paper presented at the Intelligent Tutoring Systems Conference (ITS), Pittsburgh, PA.

Chesler, N., Bagley, E., & Shaffer, D.W. (2010) Professional Practice Simulations for Engaging, Educating, and Assessing Undergraduate Engineers. Paper presented at the International Conference of Learning Sciences Engineering Workshop, Chicago, IL.

Chesler, N.C. Bagley, E., Breckenfeld, E., West, D. and Shaffer, D.W. (2010). A Virtual hemodialyzer design project for first-year engineers: An epistemic game approach. Proceedings of the ASME 2010 Summer Bioengineering Conference. Naples, FL.

Bagley, Elizabeth & Shaffer, DW (2010). The epistemography of urban and regional planning 912: Appropriation in the face of resistance. Paper presented at the International Conference of the Learning Sciences (ICLS), Chicago, Illinois.

Bagley, E. (2010). Epistemography of an Urban and Regional Planning Practicum: Appropriation in the Face of Resistance. (WCER Working Paper 2010-8). Madison: University of Wisconsin-Madison, Wisconsin Center for Education Research.

Rupp, A, Choi, Y, Gushta, M, Mislevy, R, Thies, MC, Bagley, E, Nash, P, Hatfield, D, Svarovsky, G, Shaffer DW. (2009). Modeling learning progressions in epistemic games with epistemic network analysis: Principles for data analysis and generation. Paper to be presented at the Learning Progressions in Science conference (LeaPS), Iowa City, IA.

Shaffer, DW, Hatfield, D, Svarovsky, GN, Nash, P, Nulty, A, Bagley, E, Franke, K, Rupp, AA, Mislevy, R (2009). Epistemic Network Analysis: A prototype for 21st Century assessment of learning. *The International Journal of Learning and Media*. 1(2), 33-53.

Bagley, E. S., & Shaffer, D. W. (2009). When people get in the way: Promoting civic thinking through epistemic game play. *International Journal of Gaming and Computer-Mediated Simulations*. 1: 1, 36-52.

Bagley, E. S., & Shaffer, D. W. (2008). *"They listen to stakeholders": Promoting civic thinking through epistemic game play*. Paper presented at the International Conference of the Learning Sciences (ICLS), Utrecht, Amsterdam.

Sowatzke, E. A., & Shaffer, D.W. (2007). Urban Science: From SimCity to civic engagement. *Proceedings of the Emerging Issues along Rural and Urban Interfaces Conference, April 2007, Atlanta, GA.*

PRESENTATIONS

Professional Practice Simulations for Engaging, Educating, and Assessing Undergraduate Engineers, Teaching Improvement Program, University of Wisconsin-Madison College of Engineering, August 2010.

Progressive Design, Wisconsin Center for Academically Talented Youth Online Training Workshop, Edgewood College, July 2010.

Epistemography of Urban and Regional Planning 912. International Conference of the Learning Sciences (ICLS), Chicago, Illinois, June 2010.

Epistemic Games. Delegation from the Republic of Georgia, Madison, Wisconsin, March 2010.

Urban Science. Annual Conference of Wisconsin's Cooperative Educational Service Agencies (CESA), Madison, Wisconsin, February 2010.

Designing Epistemic Games, Wisconsin Center for Academically Talented Youth Online Training Workshop, July 2009, Edgewood College.

Urban Science: Civic Engagement to Civic Science, American Educational Research Association Conference. New York, New York. March 2008.

Urban Science: From SimCity to Civic Engagement, IEEE DIGITEL Conference. Taipei, Taiwan. March 2007.

Urban Science: From SimCity to Civic Engagement, Emerging Issues along Rural and Urban Interfaces Conference. Atlanta, GA. April 2007.

Urban Science, Games, Learning, and Society Conference. Madison, WI. June 2006.

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Educational Research Association (AERA)

International Society of the Learning Sciences (ISLS)

Institute of Electrical and Electronics Engineers (IEEE)

AWARDS AND HONORS

Spencer Doctoral Research Program

