

Juna Z. Snow, Ph.D.

jsnow@innovatedconsulting.com ♦ <http://innovatedconsulting.com/jsnow>

ACADEMIC PREPARATION

Doctor of Philosophy - Education 2005

Department of Curriculum and Instruction, College of Education
University of Illinois at Urbana-Champaign (UIUC)

Concentrations: Science & Technology in Education, Learner-Centered Pedagogies,
Assessment Methods, Innovation Adoption, and Program Evaluation

Dissertation: StoneSoup: Technology innovation, introduction, and use to support
learner-centered education

Advisor: Dr. Bertram C. Bruce

Committee: Drs. Jennifer Greene, Linda Mabry, Thomas Schwandt

Master of Science - Ecology 1998

Department of Natural Resources and Environmental Sciences
College of Agricultural, Consumer and Environmental Sciences, UIUC

Concentrations: Ecology; Ecological & Environmental Education

Thesis: EcoLit: A multimedia ecological education curriculum

Bachelor of Science - Environmental Science 1995

Department of Forestry, College of Agriculture, UIUC

WORK EXPERIENCE

Assistant Professor – Adjunct October 2007 – Present

University of Illinois at Urbana-Champaign, Department of Human and Community Development

- Design and teach two online graduate-level courses, *Educational Program Planning* and *Educational Research Methods*, for preservice and inservice teachers in the Agricultural Education certification program using synchronous and asynchronous web-based tools.
- Supervise graduate students performing independent study projects.

Assistant Professor – Adjunct November 2007 – Present

University of Central Missouri-Warrensburg, Department of Career and Technology Education

Design and teach the online graduate-level course, *Assessment and Evaluation of Online Instruction*, for preservice and inservice teachers in the Educational Technology certification program using synchronous and asynchronous web-based tools.

Principal Consultant and Founder June 2006 – Present

InnovatEd Consulting, Napa, California

- Grant writing service for City University of New York through development of evaluation plan and research design, including foci, timeline, methods, and logic model.
- Coordination of Department of Education accountability system activities for charter schools across Massachusetts, involving site visit leadership, data collection and report writing, volunteer site-visitor trainings, and revision of site visit and renewal inspection protocols.
- Collaborative qualitative analysis project with a faculty partner at University of Central Missouri of digital portfolios from Kansas City, Missouri middle and high schools. Conclusions for an updated publication of Robins & Snow, 2005.
- Action planning and outcomes evaluation technical assistance for a nonprofit, elder day care center sponsored by United Way and Black Social Workers of Oklahoma.

Assistant Professor

August 2005 – June 2006

Office of Educational Research and Evaluation, Boston University School of Dental Medicine

- Designed, implemented, managed, and reported a pilot study of medical campus-wide introduction of Web-based evaluation system for school courses and programs.
- Hired staff, managed performance, led meetings, and developed organizational systems.
- Mentored staff in research and evaluation methodologies through development and implementation of monthly inservice program.
- Supported faculty with integrated curricula efforts, problem-based and inquiry-based pedagogies, assessment methods, and program evaluation design and report writing.
- Guest lectured about program evaluation for public health programs to graduate students.
- Designed and led new and ongoing research and evaluations of school programs.
- Contributed to and monitored compliance of school programs with accreditation standards, and led programs' preparation for re-accreditation site visit.

Evaluator, Project Manager

March 2004 – August 2005

Washington State University, Vancouver, Washington

- Contributed to evaluation design, instruments, interview and observation protocol designs for the Small Learning Communities grant initiative of the No Child Left Behind Act of 2001 in four site schools.
- Led, coordinated, and conducted data collection with evaluation team.
- Coordinated contact and communication with district and high school administrators.
- Collaborated on evaluation report writing and presentations.

Evaluation Researcher

February 2003 – October 2004

Vancouver School District and Washington State University Vancouver

- Contributed to evaluation instruments, interview and observation protocol designs, and advised on technology implementation in public school settings.
- Designed and implemented Web-based questionnaires and think-aloud interviews.
- Assisted with data collection in classrooms and formative and summative evaluation report writing for *Cooltown*, the project of laptop computers in elementary grades.

Evaluation Researcher

March 2003 – September 2003

Portland Public School District, Portland, Oregon

- Observed activities sponsored by the Service Learning Digital Divide Impact Program.
- Designed and implemented evaluation design, including instruments and interviews, and wrote summative evaluation report.

Research Assistant

January 2002 – May 2002

Graduate School of Library & Information Science, University of Illinois

- Researched and developed content for *Assessment in an Inquiry Classroom* Web page for the *Inquiry Page*, a Web site for educators interested in inquiry-based teaching and learning that provides resources, collaboration, and Inquiry Units.
- Fostered an electronic community around assessment issues of an inquiry classroom by utilizing asynchronous communication.

Teaching Assistant

Fall 2000, Fall 2001

Department of Educational Psychology, University of Illinois

- Taught discussion section of science preservice teachers for the Educational Psychology course, *Measurement and Assessment for Classroom Teachers*, including grading student work and determining final course grades.
- Designed weekly lesson plans and moderated discussion on Web-based bulletin board.

Research Assistant August 2000 – August 2001
Department of Educational Psychology, University of Illinois

- Assisted with Faculty Fellows Program study of the construct validity of the eighth-grade mathematics standardized Illinois State Assessment Test.
- Performed literature review, implemented think-aloud interviews and questionnaire surveys, interpreted and analyzed extensive video and text data, and wrote report.

Research Assistant August 2000 – August 2001
National Center for Supercomputing Applications, University of Illinois

- Designed, maintained, and provided support for *Biology Student Workbench* project Web site and collaborative technology efforts.
- Organized workshop for teachers relating to emerging technologies, library science, and the *Inquiry Page* for the North Central Regional Educational Laboratory, a nonprofit organization dedicated to helping schools.
- Conducted formative, internal evaluation of undergraduate faculty training workshop.

Graduate Assistant May 2000 - January 2001
Illinois Virtual Campus, University of Illinois

- Codesigned plan and instruments for a formative, knowledge-generating evaluation.
- Gathered, interpreted, and analyzed data; wrote report and presented conference paper.

Research Assistant August 1995-May 1996, August 1997-May 1998
Department Natural Resources and Environmental Sciences, University of Illinois
Conceptualized, developed, and wrote ecological education curricula as a CD-ROM prototype for primary-level public school children (Master's thesis project).

RELATED ACTIVITIES

Thesis Research January 2002 – May 2003
Department of Curriculum & Instruction, University of Illinois

- Coordinated with classroom teachers and school principal to introduce *StoneSoup*, an electronic portfolio system, in an environmental, special-focus middle school.
- Designed two phases of an instrumental research plan that included observations, questionnaires, observations, and interviews (think-aloud, focus group, and individual).
- Participated and observed multi-age classroom activities for six hours per day in five-day weeks through four months as a case study, and continued through 2002-03 as an action researcher observing and training teachers and students to use *StoneSoup*.
- Worked across the eight classrooms in the school to implement and adapt *StoneSoup* for an annual eighth-grade, inquiry-based, site-monitoring activity.

Inquiry Page September 1999 – September 2001
Graduate School of Library & Information Science, University of Illinois

- Coordinated and led the workshop, *Inquiry Teaching & Learning*.
- Secured and supervised grant money for member profile system development.
- Designed pages and helped create architecture of *Inquiry Page* Web site 1.0, which won first place judged on design, operation, and educational value in the Technology Design Competition at Computers and Writing 2001.

PUBLICATIONS

Buell, J. & Snow, J. Z. (2000). *Illinois Virtual Campus: A Knowledge-generating evaluation report*. Report to Illinois Virtual Campus.

Mabry, L. & Snow, J. Z. (2003). *Evaluation of Cooltown spring 2003: Full technical report*. Report to Vancouver School District, WA.

- Mabry, L. & Snow, J. Z. (2004). *Evaluation of a laptop program for high-risk students learning in a standards-based reform environment*. Paper presented at the Annual Oregon Program Evaluators Network Conference, Portland, OR.
- Mabry, L. & Snow, J. Z. (2004). *Evaluation of Smaller Learning Communities Grant Program year 1: Full technical report*. Report to Vancouver School District, WA.
- Mabry, L. & Snow, J. Z. (2005). *Evaluation of Cooltown: Summative technical report*. Report to Vancouver School District, WA.
- Mabry, L. & Snow, J. Z. (2006). Lap-tops for high-risk students: Empowerment and personalization in a standards-based learning environment. *Studies of Educational Evaluation*, 32 (4), 289-316.
- Mabry, L. & Snow, J. Z. (2005). *Evaluation of Smaller Learning Communities Grant Program year 2: Full technical report*. Report to Vancouver School District, WA.
- Robins, J. & Snow, J. Z. (2004). *StoneSoup: Designing in a classroom context using a form-based system*. Paper presented at the annual meeting of the American Educational Research Association, SIG-Education and the World Wide Web, San Diego, CA.
- Robins, J. & Snow, J. Z. (2005, July). *Using portfolio items to assess information literacy*. Paper presentation presented to the annual meeting of the International Association of School Librarianship, Hong Kong, China.
- Ryan, K. E., Snow, J. Z., Lin, C. & Arbuthnot, K. (2002). *Investigating test item response processes for gender and ethnic groups on high-stakes standards-based assessments*. Paper presented at the annual meeting of the American Educational Research Association, Division D, New Orleans, LA.
- Snow, J. Z. (1995). *Ecological recipes for everyday living*. Champaign, IL: Central States Education Center.
- Snow, J. Z. (1998). *EcoLit: Multimedia ecological education for primary level students*. Unpublished master's thesis, University of Illinois at Urbana-Champaign.
- Snow, J. Z. (2002). The digital portfolio unit: A case study of an alternative assessment tool. In K. Fernstrom (Ed.), *3rd Annual Conference on Information Communication Technologies in Education* (pp. 557-566), Athens, Greece: National and Kapodistrian University.
- Snow, J. Z. (2003). *StoneSoup: An alternative assessment system connecting classroom assessment with public school accountability*. Paper accepted to Canadian Evaluation Society Conference, Vancouver, BC.
- Snow, J. Z. (2003, April). *StoneSoup: A case study of a Web-based alternative assessment tool*. Paper presentation at the annual meeting of the American Educational Research Association, Classroom Assessment SIG, Chicago, IL.
- Snow, J. Z. (2003, August). *StoneSoup: An electronic portfolio system for learner-centered assessment*. Paper presentation at the European Association for Research on Learning and Instruction Biannual Conference, Padova, Italy.
- Snow, J. Z. (2003, November). *StoneSoup: Technology connecting learning and assessment in environmental education*. Paper accepted to the North American Association of Environmental Education Annual Conference, Anchorage, AK.
- Snow, J. Z. (2005). *StoneSoup: Technology innovation, introduction, and use to support learner-centered education*. Unpublished doctoral dissertation, University of Illinois at Urbana-Champaign.
- Snow, J. Z. (2005, October). *StoneSoup: An alternative assessment system connecting classroom assessment with public school accountability*. Paper presentation at the annual conference of the American Evaluation Association, K-12 Education TIG, Toronto, Ontario, Canada.

- Snow, J. Z. (2007, November). *Evaluative learning and technology use in educational innovation programs*. Paper presentation at the annual conference of the American Evaluation Association, Distance Education and Other Educational Technologies TIG, Baltimore, Maryland.
- Snow, J. Z. (2008, November). *Building evaluation practice into online graduate program policy: An action research approach to process evaluation of two courses at different universities*. Paper presentation submitted to the annual conference of the American Evaluation Association, Distance Education and Other Educational Technologies TIG, Denver, Colorado.
- Snow, J. Z., Bruce, B. C. & Thakkar, U. (2000). *Evaluation of Biology Workbench faculty workshops*. Unpublished manuscript, University of Illinois at Urbana-Champaign.
- Snow, J. Z. & Mabry, L. (2005, April). *Individual laptop computers to support learning of high-risk elementary students and classroom culture change*. Paper presentation presented to the annual meeting of the American Educational Research Association, Division C, Section 7, Montreal, Quebec, Canada.
- Wein, T. I. & Snow, J. Z. (2001). Virtually Jewish: An Internet tutorial from a Jewish perspective. *Journal of Religious and Theological Information*, 2 (3/4), 203-214. [Special Issue] M. Stover (Ed.) *Theological Librarians and the Internet: Implications for Practice*.

PRESENTATIONS

- Mabry, L. & Snow, J. Z. (2004, October). *Three innovative methods: Online surveys, video-stimulated focus groups*. Professional development workshop at the Annual Oregon Program Evaluators Network Conference, Portland, OR.
- Mabry, L., Snow, J. Z. & Margolis, J. (2005, January). *Blurring art/research and data collection/analysis boundaries*. Paper presentation accepted to Conference on Interdisciplinary Qualitative Studies, Athens, Georgia.
- Snow, J. Z. (2000, July). *Collaborative technologies: The Inquiry Page and WebEx*. Presentation at the Biology WorkBench undergraduate faculty workshop, *Bringing Bioinformatics to Biology Education*, San Diego State University, CA.
- Snow, J. Z. (2002, August). *The digital portfolio unit: A case study of an alternative assessment tool*. Paper presentation at the International Conference on Information Communication Technologies in Education, Samos Island, Greece.
- Snow, J. Z. (2007, November). *Evaluative learning and technology use in educational innovation programs*. Paper presentation accepted at the annual conference of the American Evaluation Association, Distance Education and Other Educational Technologies TIG, Baltimore, Maryland.
- Snow, J. Z. (2008, March). *Techno-reform realities in an urban public school*. Paper presentation proposed to the annual meeting of the American Educational Research Association, Division C, Section 7, New York, NY.
- Snow, J. Z. & Buell, J. (2001, April). *Evaluating a statewide virtual campus: The IVC experience*. Paper presentation at the annual meeting of the American Educational Research Association, Division H, Seattle, WA.
- Snow, J. Z. & Mabry, L. (2004, November). *Evaluating personalization of learning in a standards-based reform environment*. Paper presentation at the annual conference of the American Evaluation Association, K-12 Education TIG, Atlanta, Georgia.
- Snow, J. Z. & Robins, J. (2003, March). *StoneSoup: Architecture connecting learning & assessment in K12 schools*. Poster accepted to the Annual Information Architecture Summit sponsored by American Society for Information Science & Technology, Portland, OR.
- Snow, J. Z., Won, M., & Engelsens, K. (2000, March). *Biology WorkBench for educators*. Presentation at the annual technology conference of the Charleston Regional Office of Education, Charleston, IL.

GRANTS & AWARDS

UIUC College of Education Dissertation Completion Support (2003-04).
UIUC Graduate College On-Campus Dissertation Research Grant (2002).
UIUC Graduate College Conference Travel Grant Award (2002).
Phi Kappa Delta Mini-Grant (2000).
Member Profile database directory development for Inquiry Page.
North Central Regional Educational Laboratory Award (2000).
Teaching & Learning Through Inquiry: A Workshop for Educators and Librarians.

ASSOCIATIONS

American Educational Research Association, member and reviewer.
American Evaluation Association, member and reviewer.
National Council on Measurement in Education.
North American Association of Environmental Education.
Oregon Professional Evaluators Network, council representative.
Environmental Education Association of Illinois, 1998-2002.

COMPUTER SKILLS

SPSS; Web design and HTML programming; Perl, JavaScript, and UNIX programming (novice); Web-based collaborative technologies; Online survey; Database design and Web-based implementation; Internet applications; Spreadsheet applications; Graphics and video editing; Voice recognition software; Course management and distance education software.

LANGUAGES

Speaking, reading, and writing knowledge of Spanish and Italian.

REFERENCES

Dr. Bertram C. Bruce
Professor, Curriculum & Instruction
University of Illinois at Urbana-Champaign
501 East Daniel Street
Champaign, Illinois 61820
217.244.3576
chip@uiuc.edu

Dr. Jennifer C. Greene
Professor, Educational Psychology
College of Education
University of Illinois at Urbana-Champaign
1310 South Sixth Street
Champaign, Illinois 61820
217.333.2245
jcgreene@uiuc.edu

Dr. Jenny Robins
Associate Professor, Educational Leadership
College of Education, 3020 Lovinger
University of Central Missouri
Warrensburg, MO 64093
660.543.8879
jrobins@ucmo.edu

Dr. Linda Mabry
Professor, Teacher Education
Washington State University
14204 NE Salmon Creek Avenue
Vancouver, Washington 98686
360.546.9666
mabryl@vancouver.wsu.edu

Dr. Thomas Schwandt
Professor, Educational Psychology
College of Education
University of Illinois at Urbana-Champaign
1310 South Sixth Street
Champaign, Illinois 61820
217.333.5350
tschwand@uiuc.edu

