BRIAN ROBERT BELLAND

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Mailing Address
1640 E 1700 N
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Education

Ph. D., Educational Technology 2008
Department of Curriculum and Instruction
Purdue University, West Lafayette, IN

Dissertation: Supporting Middle School Students' Construction of Evidence-Based Arguments: Impact of and Student Interactions with Computer-Based Argumentation Scaffolds.

M. A., French 2001
Department of French and Italian
The Ohio State University, Columbus, OH

B. A., French 1999
Department of French
College of Wooster, Wooster, OH

Academic Appointments

Assistant Professor (Tenure track) 2008-present
Department of Instructional Technology and Learning Sciences
Utah State University, Logan, UT

Responsibilities include the conduction and publication of research (50%), teaching graduate and undergraduate classes (40%), and service (10%) in the field of instructional technology.

Co-advisor, Engineering Projects in Community Service (EPICS) 2007-2008
School of Engineering Education
Purdue University, West Lafayette, IN

Responsibilities included guiding and assessing undergraduate students as they engineered products to fill the needs of community agencies

Teaching Assistant, Purdue University, West Lafayette, IN 2004–2008
Department of Curriculum and Instruction

Taught undergraduate and graduate courses related to technology integration and instructional design.

Educational Technology Coordinator and Instructor, 2006–2007
Secondary Education Transition to Teaching Program
Purdue University, West Lafayette, IN

Partially responsible for the development of and fully responsible for coordinating and teaching the Educational Technology component of the Secondary Education Transition to Teaching Program to ensure students meet ISTE standards

Intern, XLC Services at Eli Lilly Tippecanoe Labs, Lafayette, IN Summer 2006

Developed self-paced and instructor-led training using Adobe Premiere, Macromedia Flash, Microsoft Word, and Microsoft PowerPoint

Topics included computer software packages, engineering concepts, video editing, and safety

Research Assistant, Purdue University, West Lafayette, IN 2004–2005
Tech-Know-Build Challenge Grant, Dept. of Curriculum and Instruction

Worked in conjunction with a U.S. Department of Education Challenge Grant to help teachers in the Crawfordsville School Corporation (IN) implement Problem-Based Learning

Developed Problem-Based Learning and other instructional materials, worked with teachers to develop and implement units, troubleshot Windows systems

With other RAs, developed and maintained Tech-Know-Build web site

Researched the effects of Problem-Based Learning on students and factors that affect implementation of the pedagogy among teachers and administrators

Substitute Teacher, Tippecanoe, Lafayette, and West Lafayette School Corporations, Tippecanoe County, IN 2003

Substituted at various elementary, middle, and high schools in the Lafayette, IN, area in subjects ranging from biology to Spanish

Lecturer, Purdue University, West Lafayette, IN 2002
Department of Foreign Languages and Literatures

Designed lessons, guided discussion, developed teaching materials, graded all student work, and edited student papers

Teaching Associate, The Ohio State University, Columbus, OH 1999–2001
Department of French and Italian

Complete responsibility for teaching one section of introductory French (about 15-25 students from diverse backgrounds) each academic quarter

Background Information

Honors (Other than Research, Teaching, and Service)

Biography abstracted in:

Who's Who of Emerging Leaders (2007 edition)
Who's Who in American Education (2006-2007 edition)
Who's Who in America (2003, 2004, 2006, 2007 editions)
Chancellors List (2004–2005, 2005-2006 editions)

Kappa Delta Pi 2005–present

Math and Science Scholarship, The College of Wooster, Wooster, OH 1995–1999

Professional Memberships and Leadership Roles

American Educational Research Association 2004–present

- *SIG memberships:* Problem-based learning, Instructional Technology
- *Division membership:* C
- Treasurer, Instructional Technology Special Interest Group (2008-present)

Association for Educational Communications and Technology 2005–present

- *Division memberships:* Design and Development, International, Research and Theory, Teacher Education
- Member, Professional Ethics Committee (2007-present)
- Member, Organizing committee for Graduate Student Forum Sessions at the 2006 AECT Annual Conference, Dallas, TX
- Chair, session at 2008 AECT Annual Conference, Orlando, FL

Computer Skills

Programs and Operating Systems

Proficiency in Macintosh, Windows, and Palm OS platforms, familiarity with UNIX

Proficiency in Microsoft Word, Excel, and PowerPoint; Adobe PageMaker, Premiere, PhotoShop, Dreamweaver, Flash, and Fireworks; SAS; QSR Nvivo; Researchware HyperResearch

Programming Languages

Proficiency with html, cascading style sheets, MySQL, and PHP

Language Skills

English: native speaker

French: near native fluency

Italian: very high proficiency

Other Professional Experience

Site Operator, Purdue University, West Lafayette, IN 2003
Department of Information Technology at Purdue

- Responsibility for supervision of lab assistants, monitoring of and troubleshooting software and hardware problems, and advising students and faculty on how to use computer resources
- Worked with and troubleshot Windows, Macintosh and UNIX systems

Sales and Marketing Representative, AFLAC, Columbus, OH 2001–2002

- Wrote proposals for and collaborated with associates to meet with and obtain authorization from business owners to market insurance products to employees
- Consulted with employees and business owners/partners to recommend supplemental insurance products that met the needs of each particular individual
- Received award for outstanding performance in insurance sales

Trustee, Jenny Student Aid Fund, The College of Wooster, Wooster, OH 1996–1999

- As a voting member, managed a $300K+ portfolio, which contributes to a scholarship fund, along with about 12 other trustees
- Developed strategies to increase value of the portfolio and persuaded other trustees to vote to adopt the former
- Built financial aptitude through examination of principles and strategies of investing

Research

Research Interests

- The use of technology to support middle school and college students' higher-order thinking during constructivist units
- The promotion of technology integration among preservice and inservice teachers

Research Awards

Winner of the 2009 American Educational Research Association Instructional Technology Special Interest Group Best Paper Award

Selected for the Division D Measurement Luncheon held at the 2009 American Educational Research Association convention, April 13-17, 2009, San Diego, CA

One of 18 early career learning and instruction faculty members nationwide selected for the Division C New Faculty Mentoring Program held at the 2009 American Educational Research Association convention, April 13-17, 2009, San Diego, CA

One of 15 early career instructional technology faculty members nationwide selected for the NSF-funded "Building a Technology Research Agenda Early Career Symposium" held at the 2008 AECT Convention, November 3-9, 2008, Orlando, FL

Winner of the 2007 *Educational Technology Research and Development* Young Scholar Award, awarded by the *Educational Technology Research and Development*, Research Section, Editorial Board

Lee W. Cochran Intern
2007 AECT International Convention, Anaheim, CA

Provided conference registration, hotel accommodations, and $500 stipend

Winner of the 2007 American Educational Research Association Problem-based Education Special Interest Group Student Researcher Award

Winner of the 2007-2008 Frank B. DeBruicker Graduate Award
Educational Technology Program, Purdue University

Journal Articles (Peer reviewed)

Belland, B. R. (In press). Portraits of middle school students constructing evidence-based arguments during problem-based learning: the impact of computer-based scaffolds. *Educational Technology Research and Development*. DOI: 10.1007/s11423-009-9139-4.

Belland, B. R., Glazewski, K. D., & Ertmer, P. A. (2009). Inclusion and problem-based learning: Roles of students in a mixed-ability group. *Research in Middle Level Education, 32*(9) [Acceptance rate: 22%]. Available online: http://www.nmsa.org/Publications/RMLEOnline/Articles/Vol32No9/tabid/1948/Default.aspx

Belland, B. **R.**, French, B. F., & Ertmer, P. A. (2009). Validity and problem-based learning research: A review of instruments used to assess intended learning outcomes. *The Interdisciplinary Journal of Problem-Based Learning, 3*(1), 59-89 [Acceptance Rate: 10%]. Available online: http://docs.lib.purdue.edu/ijpbl/vol3/iss1/5/

Belland, B. R. (2009). Using the theory of habitus to move beyond the study of barriers to technology integration. *Computers & Education, 52,* 353-364. [ISI Journal; Acceptance rate: 20%; Impact factor: 2.190]

Belland, B. R., Glazewski, K. D., & Richardson, J. C. (2008). A scaffolding framework to support the construction of evidence-based arguments among middle school students[1]. *Educational Technology Research and Development*, 56, 401-422. [ISI journal; Acceptance rate: 8%; Impact factor: 0.695]

Ertmer, P. A., Richardson, J. C., **Belland, B.**, Camin, D., Connolly, P., Coulthard, G., et al. (2007). Using peer feedback to enhance the quality of student online postings: An exploratory study. *The Journal of Computer-Mediated Communication, 12(2),* 412-433. [ISI journal; Acceptance rate: 20%; Impact factor: 1.981]

Belland, B. R., Ertmer, P. A., & Simons, K. D. (2006). Perceptions of the value of problem-based learning among students with special needs and their teachers. *The Interdisciplinary Journal of Problem-Based Learning, 1(2),* 1-18. Available online: http://docs.lib.purdue.edu/ijpbl/vol1/iss2/3/. [Acceptance rate: 10%]

Journal Articles (Invited)

Belland, B. R. (2008). Understanding and applying the professional code of ethics. *Tech Trends, 52(1),* 43-45.

Belland, B. R., & Belland, J. C. (2008). A case study gone awry. *Tech Trends, 52(1),* 15.

[1] Winning paper of the 2007 *ETR&D* Young Scholar Award

Conference Proceedings

Belland, B. R., White, W., Glazewski, K. D., & Richardson, J. C. (2008). The Connection Log: A computer-based scaffolding system to help students build evidence-based arguments. *Proceedings of Selected Research and Development Presentations at the 2007 Association for Educational Communications and Technology National Convention* (pp. 25-35). Anaheim, CA: AECT.

Belland, B. R., Vaithinathan, V., Garcia, B., & Huang W. (2008). Collaborative and sustainable instructional design model for Service Learning. *Proceedings of Selected Practice of Educational Communications and Technology Presentations at the 2007 Association for Educational Communications and Technology National Convention* (pp. 35-41). Anaheim, CA: AECT.

Ertmer, P. A., Richardson, J. C., **Belland, B.**, Camin, D., Connolly, P., Coulthard, G., Lei, K., & Mong, C. (2006). Impact and perceived value of peer feedback in online learning environments. *Proceedings of Selected Research and Development Presentations at the 2005 Association for Educational Communications and Technology National Convention* (pp. 150-159), Orlando, FL: AECT.

Park, S. H., Lee, E. H., Blackman, J., Ertmer, P., Simons, K., & **Belland, B.** (2006). Examining the barriers encountered when planning and implementing technology-enhanced PBL in the middle school classroom. *Proceedings of Selected Research and Development Presentations at the 2005 Association for Educational Communications and Technology National Convention* (pp. 377-383), Orlando, FL: AECT.

Simons, K. D., Ertmer, P., **Belland, B.**, Blackman, J., Lee, M., Ottenbreit, A., & Park, S. H. (2005). Middle school students in technology-enhanced problem based learning: Experiences of high and low self-directed students. In C. Crawford (Ed.), *Society for Information Technology and Teacher Education International Conference Annual* (pp. 1029-1032). Norfolk, VA: Association for the Advancement of Computing in Education.

Other Publications

Belland, B. R. (2008). *Supporting middle school students' construction of evidence-based arguments: Impact of and student interactions with computer-based argumentation scaffolds*. Dissertation, Purdue University, West Lafayette, IN. Dissertation Abstracts International 69/09 Publication No. AAT 3330215.

Belland, B. R. (1999). *La traduction du Lai de l'Ombre de l'ancien français en français moderne* [Translation of the *Lay of the Shadow* from Ancient French to Modern French]. Unpublished senior thesis, College of Wooster.

Manuscripts Under Review

Belland, B. R., Glazewski, K. D., & Richardson, J. C. (Under review). Problem-based Learning and Argumentation: Testing a Scaffolding Framework to Support Middle School Students' Creation of Evidence-based Arguments. Manuscript submitted for publication to *Instructional Science.*

Manuscripts in Progress

Belland, B. R. A Transfer Framework for Scaffolded Problem-Solving Approaches: The Problem Solving Model Transfer Approach

Kim, Y., & **Belland, B. R.** Virtual Peers Scaffold Motivation to Learn.

Pritchard, D. E., Barrantes, A., & **Belland, B. R.** What should calculus-based students learn?

Grants

Funded

Belland, B. R. (2008). *Supporting Middle School Students' Construction of Evidence-based Arguments: A GEM Application to Support the Development of an NSF CAREER Application*. Granting agency: Utah State University Vice President of Research. $5000.

Belland, B. R. (2007). *Summer Research Grant*. Granting agency: Purdue Research Foundation. $2500 plus tuition and fees for 2007 summer session to provide support for dissertation-related work.

Under Review

Belland, B. R. CAREER: Supporting Middle School Students' Construction of Evidence-based Arguments. Grant proposal submitted to the 2009 National Science Foundation CAREER grant competition.

Belland, B. R., Hannafin, M., & Kim, C. Embedding motivational support in computer-based scaffolds to support middle school students' construction of evidence-based arguments. Grant proposal submitted to the summer 2009 Institute of Educational Sciences goal 2 grant competition.

Refereed Presentations

National

Belland, B. R. (2009, October). A transfer framework for scaffolded problem solving approaches. Paper accepted for presentation at the 2009 Association for Educational Communications and Technology Annual Conference, Louisville, KY.

Pritchard, D. E., **Belland, B.,** & Barrantes, A. (2009, July). *What Else (Besides the Syllabus) Should Students Learn in Introductory Physics?* Poster presented at the 2009 Physics Education Research Conference, Ann Arbor, MI.

Belland, B. R. (2009, April). *A Follow-up Study on Scaffolding Middle School Students' Creation of Evidence-based Arguments*[2]. Paper presented at the 2009 American Educational Research Association Annual Conference, San Diego, CA.

Belland, B. R., Glazewski, K. D., & Richardson, J. C. (2008, November). *A scaffolding framework to support the creation of evidence-based arguments among middle school students.* Paper presented at the *Educational Technology Research and Development* editorial board meeting at the 2008 Association for Educational Communications and Technology Conference, Orlando, FL.

[2] Winning paper of the 2009 AERA SIG-IT Best Paper Award

Belland, B. R., Glazewski, K. D., & Richardson, J. C. (2008, March). *Problem-based Learning and solution presentation: Scaffolding middle school students' creation of evidence-based arguments*. Paper presented at the 2008 American Educational Research Association Annual Meeting, New York, NY [59% acceptance rate].

Belland, B. R., French, B. F., & Ertmer, P. A. (2008, March). *Validity and Problem-based Learning research: A review of instruments used to assess intended learning outcomes*. Paper presented at the 2008 American Educational Research Association Annual Meeting, New York, NY.

Belland, B. R., White, W., Glazewski, K. D., & Richardson, J. C. (2007, October). *The Connection Log: A computer-based scaffolding system to help students build evidence-based arguments*. Paper presented at the 2007 Association for Educational Communications and Technology Conference, Anaheim, CA. [55.6% acceptance rate].

Belland, B. R., Vaithinathan, V., Garcia, B., & Huang W. (2007, October). *Collaborative and sustainable instructional design model for service learning.* Paper presented at the 2007 Association for Educational Communications and Technology Conference, Anaheim, CA. [55.6% acceptance rate].

Belland, B. R., Simons, K. D., & Ertmer, P. A. (2007, April). *Inclusion and problem-based learning: Roles of students in mixed-ability groups.* Paper presented at the 2007 American Educational Research Association Annual Meeting, Chicago.[3]

Belland, B. R., Camin, D., Coulthard, G., & Mong, C. (2006, April). *Student perceptions of the challenges/benefits of the methods course.* Paper presented as part of a symposium, *Inducting instructional design and technology students into the research process: Two approaches,* Paper presented at the 2006 American Educational Research Association Annual Meeting, San Francisco.

Ertmer, P., Richardson, J. C., **Belland, B.**, Camin, D., Coulthard, G., & Mong, C. (2006, April). *Efficacy of peer feedback in online learning environments*. Paper presented at the 2006 American Educational Research Association Annual Meeting, San Francisco.

Ertmer, P., Richardson, J., Mong, C., & **Belland, B.** (2005, October). *Impact and perceived value of peer feedback in online learning environments.* Paper presented at the 2005 Association for Educational Communications and Technology Conference, Orlando, FL.

Park, S. H., Lee, E., Blackman, J., Ertmer, P., Schaffer, S., Simons, K., & **Belland, B.** (2005, October). *Examining barriers middle school teachers encountered in technology-enhanced problem-based learning.* Paper presented at the 2005 Association for Educational Communications and Technology Conference, Orlando, FL.

[3] Winning paper of the 2007 AERA SIG-PBL Student Researcher Award

Simons, K., Ertmer, P., Haas, T., Van Horn, M., Lehman, J., & **the TKB team**[4]. (2005, October). *The relationship between self-directedness and student success in technology-enhanced PBL units.* Symposium at the 2005 Association for Educational Communications and Technology conference, Orlando, FL.

Simons, K. D., Ertmer, P., **Belland, B.**, Blackman, J., Lee, M., Ottenbreit, A., & Park, S. H. (2005, March). *Middle school students in technology-enhanced problem-based learning: Experiences of high and low self-directed students.* Paper presented at the 2005 Society for Information Technology & Teacher Education Conference, Phoenix, AZ.

Park, S. H., Lee, E. H., Blackman, J., Ertmer, P., Simons, K., & **Belland, B**. (2005, March). *Examining the barriers encountered when planning and implementing technology-enhanced PBL in the middle school classroom.* Paper presented at the 2005 Society for Information Technology & Teacher Education Conference, Phoenix, AZ.

Regional

Belland, B. R., & White, W. (2007, March). *Supporting middle school students' construction of evidence-based arguments: The Connection Log*. Poster presented at the First Annual Graduate Student Educational Research Symposium, Purdue University, West Lafayette, IN.

Belland, B. R. (2005, February). *How can computer assisted language learning be designed and implemented to best build communicative proficiency?* Paper presented at the 2005 Teaching and Learning with Technology Conference, West Lafayette, IN.

Belland, B. (2000, April). *Jean Renart: Un poète courtois* [Jean Renart: a courtly poet]. Paper presented at the 2000 French and Italian Graduate Student Association Convention, Columbus, OH.

Presentations Pending

Belland, B. R., Walker, A., & Leary, H. (Pending). A meta-analysis of problem-based learning corrected for attenuation and accounting for internal threats. Paper to be presented at the 2010 Annual Meeting of the American Educational Research Association.

Belland, B. R., Kim, C., & Hannafin, M. (Pending). A conceptual framework for increasing middle school students science motivation Paper to be presented at the 2010 Annual Meeting of the American Educational Research Association.

[4] I am a member of the TKB (Tech-Know-Build) team.

Teaching

Teaching Honors

Nominated for the 2008 Purdue University Graduate School Excellence in Teaching Award

Winner of the 2007 Purdue University Graduate Student Award for Outstanding Teaching

Winner of the 2007 College of Education Outstanding Graduate Instructor Award, Purdue University

Awarded to one of the College's TAs per year for teaching excellence

Winner of the 2006 Department of Curriculum and Instruction Outstanding Graduate Teaching Assistant Award, Purdue University

Awarded to one of the Department's 55 TAs per year for excellence in teaching

Nominated for the 2004 Department of Curriculum and Instruction Outstanding Graduate Teaching Assistant Award, Purdue University

Courses Taught

Utah State University, Logan, UT

Department of Instructional Technology and Learning Sciences 2008-present

INST 6325 - Communication, Instruction, and the Learning Process (Summer 2009; Fall 2009)

Course for Instructional Technology and Learning Sciences M. Ed. program (online program designed for inservice teachers). Covers instructional implications of learning theories.

INST 4010 - Instructional Technology for Elementary Teachers (Spring 2009)

Course for undergraduate elementary education students. Topics include pedagogical approaches like webquests, distance education and technology integration, and technology topics such as blogs, wikis, podcasts, and Microsoft Office products.

INST 6505 - Foundations of Instructional Technology (Fall 2008; Fall 2009)

Course for Instructional Technology and Learning Sciences M. S. program. Covers history, definitions, theoretical background, and professions of instructional technology and learning sciences.

INST 7000 - Proseminar (Fall 08; Fall 09)

Course for first year doctoral students. Each faculty member teaches it for three weeks focusing on their research interests. I teach mine on scaffolding.

Purdue University, West Lafayette, IN

School of Engineering 2007-2008

EPICS 101-402 - Imagination Station Black (2007-2008)

Worked with a team of undergraduate engineering students who create exhibits for a local children's science museum. Exhibits include:

- Wind tunnel to help children learn about drag and lift
- Mars Rover exhibit to help children learn through manipulation of a working model of the rover that NASA built to explore Mars on a scale model of the surface of Mars
- System to track numbers of visitors to each exhibit

Department of Curriculum and Instruction 2004-2008

EDCI 270 - Introduction to Educational Technology (at least one section each semester spring 2004-spring 2008)

Led lab sessions, developed teaching materials, and graded all student work for the required undergraduate teacher education course

Helped College of Education students and faculty complete technology projects (e.g., create web pages, and use the College's technological resources (e.g., TaskStream) in the Educational Technology Computer Labs

EDCI 572 - Introduction to Instructional Design (Fall 2006)

Helped mediate online postings, worked with small groups, and assisted professor in a blended Introduction to Instructional Design class

EDCI 591C - Instructional Design and Service Learning (Fall 2006)

Worked with professor to develop syllabus, including the major projects

Worked with students on projects

College of Education, Secondary Transition to Teaching Program 2006-2007

EDCI 590T - Transition to Teaching Introductory Seminar (Summer 2006)

Introduced students to educational technology

EDCI 590T - Transition to Teaching Concluding Seminar (Summer 2006)

Introduced, guided, and graded students' technology project–the design and development of a WebQuest

Department of Foreign Languages and Literatures 2002

FREN 101 (2 sections, fall 2002)

First course in the introductory French language sequence. Designed lessons, guided discussion, developed teaching materials, graded all student work, and edited student papers

FREN 103 (2 sections, fall 2002)

Accelerated course that covered material from FREN 101 and FREN 102 in one semester. Designed lessons, guided discussion, developed teaching materials, graded all student work, and edited student papers

The Ohio State University, Columbus, OH

Department of French and Italian 1999-2001

French 102 (1 section each fall 1999, winter 2000, and spring 2000)

Second course in the introductory French sequence. Designed lessons, guided discussion, prepared quizzes, developed teaching materials, graded all student work, and edited student papers

French 103 (1 section each fall 2000, winter 2001, and spring 2001)

Third course in the introductory French sequence. Designed lessons, guided discussion, prepared quizzes, developed teaching materials, graded all student work, and edited student papers

Invited Lectures and Presentations

Belland, B. R. (Spring 2008). *Creating Specifications for Instructional Materials.* Presented workshop on instructional analysis to engineering students enrolled in Purdue University's Engineering Projects in Community Service program.

Belland, B. R. (Summer 2004). *Digital Video for Teachers and Students: As Easy as 1, 2, 3.* Presented workshop to teachers in the Crawfordsville School Corporation (IN) on how to plan, shoot, edit, and export instructional videos. Covered topics such as storyboarding, technical tips on how to shoot usable video, and editing using Microsoft MovieMaker.

Belland, B. R. (Fall 2005). Presented an abbreviated version of my *Digital Video for Teachers and Students: As Easy as 1, 2, 3* to the Purdue University College of Education Ambassadors, focusing on storyboarding and technical filming tips. The Ambassadors were preparing to create a recruiting video for the College.

Instructional Materials Developed

Belland, B. R., & White, W. (2006). *The Connection Log: Helping Your Students Create Evidence-Based Arguments by Helping them Connect their Claims to Evidence.* Designed and developed a computer-based scaffolding system to help middle school students build evidence-based arguments during the course of a problem-based learning unit. Purdue University, West Lafayette, IN.

Belland, B. R. (2004). *Digital Video for Teachers and Students: As Easy as 1, 2, 3!* [Instructional unit on the creation of instructional videos developed for in-service teachers. Covered topics such as storyboarding, technical tips on how to shoot usable video, and editing using Microsoft MovieMaker]. Purdue University, West Lafayette, IN.

Belland, B., Hao, J., & Saadi, T. (2004). *Introduction to Italian Holidays.* Instructional unit created using DreamWeaver about the variations in celebrations of holidays in various regions of Italy. Purdue University, West Lafayette, IN.

Hagemeier, N., **Belland, B.**, & Mitchell, C. (2004). *Appropriately Selecting Dermatology Medications for Patients* [Paper-based instructional unit teaching pharmacy students how to select an appropriate topical medication to treat a presented dermatological condition]. Purdue University, West Lafayette, IN.

Research Supervision

Graduate Degree Committees

My Role	Student Name	Department	Degree	Stage
Chair	Joel Gardner	Instructional Technology and Learning Sciences	PhD	Coursework finished
Chair	Jon Thomas	Instructional Technology and Learning Sciences	PhD	Coursework
Committee Member	Eleazar Vasquez	Special Education and Rehabilitation	PhD	Graduated
Committee Member	Matt Barclay	Instructional Technology and Learning Sciences	PhD	Prelims defended
Committee Member	Yu-Chun Kuo	Instructional Technology and Learning Sciences	PhD	Prelims defended
Committee Member	Tim Smith	Instructional Technology and Learning Sciences	PhD	Coursework finished
Committee Member	Lisa Rajigah	Instructional Technology and Learning Sciences	PhD	Coursework
Committee Member	Yang Liu	Instructional Technology and Learning Sciences	PhD	Coursework
Committee Member	Abbas Al Sharif	Statistics; Instructional Technology and Learning Sciences	PhD (Statistics)/ MS (Instructional Technology)	Coursework
Committee Member	Mark Grammer	Languages, Philosophy, and Speech Communication	MSLT	Graduated

Supervisor, Graduate Research Assistants

Katherine Christensen (2008-2009; Instructional Technology)

Service

Service Honors

Winner of the 2006 *Interdisciplinary Journal of Problem-Based Learning* Graduate Student Reviewer of the Year Award

National

Secretary/treasurer, Instructional Technology Special Interest Group, American Educational Research Association 2008-present

Member, Professional Ethics Committee, Association for Educational Communications and Technology 2007-present

Member, Organizing committee for Graduate Student Forum Sessions at the 2006 AECT Annual Conference, Dallas, TX 2006

Organized session "How to start a research project" led by Dr. Thomas Brush (Associate Professor, IST, Indiana University).

Session facilitator / discussant

2008 AECT Convention, Orlando, FL: Facilitated two papers on research methodology

Journal Reviewing (Blind peer reviewed journals)

Journal	Content	Acceptance Rate and Impact Factor (If Available)	Years Reviewer
Educational Technology Research & Development Research Section	1	Acceptance rate: 8%; Impact factor 0.695	2007-Present
Computers & Education	1	Acceptance rate: 20%; Impact factor 2.19	2009-present
Journal of Educational Computing Research	1		2008-present
Middle Grades Research Journal	2	Acceptance Rate: 25%	2008-Present
Interdisciplinary Journal of Problem-Based Learning	3	Acceptance Rate: 10%	2006-Present

Note. I review approximately 3-6 manuscripts per year for each journal. Codes for content:

1: Covers the design, development, and evaluation of technology applications for education

2: Covers unique characteristics of middle school students and the best ways to instruct them

3. Covers the design and evaluation of problem-based learning experiences in diverse K-12 and university content areas

Conference Reviewing

Conference	Year	Sections Reviewed
American Educational Research Association Annual Conference	2010	Instructional Technology and Problem-based Learning SIGs
	2009	Division C-7 (Technology Research)
		Instructional Technology and Problem-based Learning SIGs
	2008	Divisions C-6 (Cognitive, Social, and Motivational Processes) and C-7 (Technology Research)
		Instructional Technology and Problem-based Learning SIGs
	2007	Division C-7 (Technology Research)
		Instructional Technology SIG
	2006	Problem-Based Learning and Instructional Technology SIGs
Association for Educational Communications and Technology Annual Conference	2009	International Division
	2008	Design & Development and International Divisions
		Featured Research
Ed Media Annual Conference	2006	NA
	2005	NA
Teaching and Learning with Technology Conference (Purdue University)	2005	NA

State

Indiana

Reviewer, Pre-NCATE Program Review for Computer Education licensure, Indiana Department of Education 2008

Reviewed documents for the Indiana Department of Education that were to be submitted for an upcoming NCATE program review for a computer education licensure program

University

Purdue University

Member, Purdue University Teacher Education Council 2007-2008

Served as graduate student representative to and voting member of the council, which coordinates Purdue teacher education requirements between teacher education programs in seven colleges at Purdue

Session facilitator

2005 Teaching and Learning with Technology Conference, West Lafayette, IN: Facilitated four papers on computer assisted language learning

College

College of Education, Purdue University

Member, Purdue University College of Education Graduate Studies Committee 2006-2008

Served as graduate student representative to committee that advises the Departments of Curriculum & Instruction and Educational Studies on requirements for graduate education programs

President, Graduate Students in Education Council, College of Education, Purdue University 2006–2008

Lead initiatives of GSEC, which include the Annual Graduate Educational Research Symposium

Conference Co-coordinator, Annual Graduate Student Educational Research Symposium, Graduate Students in Education Council, College of Education, Purdue University 2006–2008

In conjunction with Associate Deans Gilger and Moon, the other co-coordinator, and the rest of the Council, organized the first second Annual Graduate Student Educational Research Symposium (held in Spring 2007 and Spring 2008)

Responsible for web site creation and maintenance, including an online submission system using PHP and MySQL

Also responsible for general leadership and delegation of responsibility

Technology Coordinator, Kappa Delta Pi, Eta Chapter, Purdue University 2005–2007

Designed and maintained web site for chapter and supervised technology committee members

Purdue Association of Educational Technology representative to the Graduate Students in Education Council, College of Education, Purdue University 2005–2006

In conjunction with Associate Deans Gilger, Moon, and the rest of the Council, conducted preliminary planning for the First Annual Graduate Student Educational Research Symposium (held in Spring 2007)

Responsible for securing a keynote speaker and creating an online submission and registration system using PHP and MySQL

Department

Department of Instructional Technology and Learning Sciences

Member, Faculty/Teaching/Evaluation/Accreditation Committee Department of Instructional Technology and Learning Sciences 2008-present

Tasks include development of peer review of teaching system and accreditation documentation preparation

Participant, Graduate Student Recruitment Fair

Manned table for Department of Instructional Technology and Learning Sciences during a graduate student recruitment fair

Department of Curriculum and Instruction, Purdue University

Vice President, Research and Development, 2006–2007
Purdue Association of Educational Technology

Responsible for investigating and coordinating collaborative research projects between students and faculty in the Purdue Educational Technology program and students and faculty from other departments and organizations