
Craig E. Shepherd

Associate Professor of Instructional Technology
University of Wyoming
College of Education, Professional Studies
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EDUCATION

Ph.D.: Instructional Technology
The University of Georgia (UGA)
Graduation: August, 2008

Dissertation: Reconstructing practice for change: The effects of electronic portfolio development on preservice teachers' inquiry and growth.

Graduate Certificate: Interdisciplinary Qualitative Studies
The University of Georgia (UGA)
Awarded: August, 2008

Bachelors: Psychology
Brigham Young University (BYU)
Graduation: December, 2002

AWARDS AND HONORS

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| 2016 | 2016-2017 Patricia McClurg Education Faculty Fellow |
| 2016 | David Bauer Fellow |
| 2016 | Recipient of the University of Wyoming Hollon Award for Teaching Excellence in Off-Campus Programs |
| 2014 | Recipient of the University of Wyoming's College of Education Faculty Award for Outstanding Advising |
| 2012 | Recipient of the University of Wyoming's College of Education Faculty Award for Outstanding Teaching |

- October, 2007 ECT Foundation Intern at the Association for Educational Communications and Technology (AECT) Annual Conference
- October, 2006 Recipient of the Recognition of Service Award in the Teacher Education Division of AECT
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PUBLICATIONS*

Books and Chapters

- Recesso, A., Hannafin, M., Wang, F., Deaton, B., Rich, P., & Shepherd, C. E. (2009). Direct evidence and the continuous evolution of teacher practice. In P. Adamy & N. B. Milman (Eds.), *Evaluating electronic portfolios in teacher education*, (pp. 23-47). Charlotte, NC: Information Age Publishing Inc.
- Hannafin, M. J., West, R. E., & Shepherd, C. E. (2009). The cognitive demands of student-centered, web-based multimedia: Current and emerging perspectives. In R. Zheng (Ed.), *Cognitive effects of multimedia learning*, (pp. 194-216). Hershey, PA: IGI Global.
- Polly, D. & Shepherd, C. E. (2008). Preservice teachers' views of appropriate technology. In T. Kidd & H. Song (Eds.), *Handbook of research on instructional systems and technology*, (pp. 198-215). Hershey, PA: IGI Global.
- Shepherd, C. E. (2007). A brief history of instructional technology and the ideas affecting it. In M. K. Barbour & M. Orey (Eds.), *The foundations of instructional technology*. Retrieved from <http://projects.coe.uga.edu/itFoundations>

Refereed Articles

Published

- Kvenild, C., *Smith, S. M., Shepherd, C. E., & †Thielk, E. G. (2017). Making Friends and Buying Robots: How to leverage collaborations and collections to support STEM learning. *Knowledge Quest*, 45(3), 62-69.
- *Aldosemani, T. I., Shepherd, C. E., *Gashim, I., & Dousay, T. (2016). Extending third places to enhance online learning communities. *British Journal of Educational Technology*, 47(6), 1020-1031. doi:10/1111/bjet.12315.

* Asterisks denote graduate student co-authors

† Denotes undergraduate student co-authors

- *Aldosemani, T. I., Shepherd, C. E., Thompson, J., & Raddaoui, A. H. (2016). Second Life as a Third Place for English Language Learners' Cross Cultural interaction. *Quarterly Review of Distance Education*, 17(2), 29-40.
- *Des Armier, D., Shepherd, C. E., & *Skrabut, S. (2016). Using game elements to increase student engagement in course assignments. *College Teaching*, 64(2), 64-72. doi:10.1080/87567555.2015.1094439
- Shepherd, C. E., Bolliger, D. U., Dousay, T., & Persichitte, K. (2016). Preparing teachers for online instruction with a graduate certificate program. *TechTrends*, 60(1), 41-47. doi: 10.1007/s11528-015-0015-2
- Shepherd, C. E., Dousay, T., Kvenild, C, & *Meredith, T. (2015). Fostering technology-rich serving learning experiences between school librarians and teacher education programs. *Knowledge Quest*, 44(2), 44-52.
- Shepherd, C. E., & Bolliger, D. U. (2014). Managing graduate student supervision in online programs with the integration of electronic portfolios. *Online Journal of Distance Learning Administration*, 17(2). Retrieved from http://www.westga.edu/~distance/ojdl/summer172/shepherd_bolliger172.html
- *Aldosemani, T. I., & Shepherd, C. E. (2014). Second Life to support multicultural literacy: Pre- and in-service teachers' perceptions and expectations. *TechTrends*, 58(2), 46-58. doi:10.1007/s11528-014-0736-7
- *Sorensen, B. J., Shepherd, C. E., & Range, B. G. (2013). Implications for educational leaders as they consider technology development. *Planning and Changing*, 44(1/2), 73-86.
- Shepherd, C. E., & Hannafin, M. J. (2013). Reframing portfolio evidence: Empowering teachers through single-case frameworks. *Journal of Thought*, 48(1), 33-51.
- Shepherd, C. E., & Hannafin, M. J. (2011). Supporting preservice teacher inquiry with electronic portfolios. *Journal of Technology and Teacher Education*, 19(2), 189-207.
- Shepherd, C. E., & *Skrabut, S. A. (2011). Rethinking electronic portfolios to promote sustainability among teachers. *TechTrends*, 55(5), 31-38. doi:10.1007/s11528-011-0525-5
- Shepherd, C. E., & Aagard, S. D. (2011). Journal writing with Web 2.0 tools: A vision for older adults. *Educational Gerontology*, 37(7), 606-620. doi:10.1080/03601271003716119
- Shepherd, C. E., & Bolliger, D. U. (2011). The effects of electronic portfolio tools on online students' perceived support and cognitive load. *The Internet and Higher Education*, 14, 142-149. doi:10.1016/j.iheduc.2011.01.002

- Bolliger, D. U., & Shepherd, C. E. (2010). Student perceptions of eportfolio integration in online courses. *Distance Education, 31*(3), 295-314. doi:10.1080/01587919.2010.513955
- Polly, D., Mims, C., Shepherd, C. E., & Inan, F. (2010). Evidence of impact: Transforming teacher education with Preparing Tomorrow's Teachers to Teach with Technology (PT3) grants. *Teaching and Teacher Education, 26*, 863-870. doi:10.1016/j.tate.2009.10.024
- West, R. E., Rich, P., Shepherd, C. E., Recesso, A., & Hannafin, M. J. (2009). Supporting induction teachers' development using performance-based video evidence. *Journal of Technology and Teacher Education, 17*(3), 369-391.
- Shepherd, C. E., & Hannafin, M. J. (2009). Beyond recollection: Reexamining preservice teacher practices using structured evidence, analysis, and reflection. *Journal of Technology and Teacher Education, 17*(2), 229-251.
- Shepherd, C. E., & Hannafin, M. J. (2008). Examining preservice teacher inquiry through video-based, formative assessment e-portfolios. *Journal of Computing in Teacher Education, 25*(1), 31-37.
- Mims, C., Polly, D., Shepherd, C. E., & Inan, F. (2006). Examining PT3 projects designed to improve preservice education. *TechTrends, 50*(3), 16-24. doi:10.1007/s11528-006-7599-5

In Press

- Shepherd, C. E., Kvenild, C., Smith, S. M., & Buss, A. (Submitted). The unspace case: Developing a maker movement in a multipurpose, flexible space, library setting. *International Journal of Designs for Learning*.
- Bolliger, D. U., & Shepherd, C. E. (in press). Instructor and adult learner perceptions of the use of Internet-enabled devices in residential outdoor education programs. *British Journal of Educational Technology*.
- Bolliger, D. U., & Shepherd, C. E. (Submitted). An investigation of mobile technologies and Web 2.0 tools use in outdoor education programs. *Journal of Outdoor Recreation, Education, and Leadership*.

Submitted

- Bolliger, D. U., Shepherd, C. E., & Bryant, H. V. (Submitted). Examining perspectives of faculty regarding online program community. *The Internet and Higher Education*.

Works in Progress

- Shepherd, C. E., & Bolliger, D. U. (in Progress). Online graduate student perceptions of program community.

Shepherd, C. E., Bolliger, D. U., & Morris-Howe, L. B. (In Progress). Perceptions of Online Course Community Among Underrepresented Graduate Students.

Shepherd, C. E., & Bolliger, D. U. (In Progress). Online graduate student perceptions of cross-course interaction and feelings of community.

Shepherd, C. E., *Kilty, T., Bolliger, D. U., *McCoy, D. (In Progress). Outdoor leader perceptions of smartphones during formal education activities.

Non-Refereed Publications

Published

Hannafin, M. J., Shepherd, C. E., & Polly, D. (2010, January/February). Video assessment of classroom teaching practices: Lessons learned, problems & issues. *Educational Technology*, 50(1), 32-37.

CONFERENCE PRESENTATIONS

Refereed National/International Presentations

Shepherd, C. E., & Bolliger, D. U. (2017, November). *Does program community and affiliation matter? Exploring the perceptions of online graduate students*. Paper to be presented at the Association for Educational Communications and Technology Annual Convention, Jacksonville, FL.

Bolliger, D. U., Shepherd, C. E., & Bryant, H. V. (2017, April). *Examining perspectives of faculty regarding online program community*. Paper presented at the American Educational Research Association Annual Meeting, San Antonio, TX.

Bolliger, D. U., Shepherd, C. E., & *Bryant, H. V. (2016, October). *Examining the importance of community in online graduate programs: The faculty perspective*. Session presented at the Association for Educational Communications and Technology Annual Convention, Las Vegas, NV.

Shepherd, C. E., & Bolliger, D. U. (2016, October). Student perceptions regarding the effectiveness of techniques used to foster online program community. Session presented at the Association for Educational Communications and Technology Annual Convention, Las Vegas, NV.

Shepherd, C. E., Dousay, T., Bolliger, D. U., & Aldosemani, T. I. (2015, November). *Designing third places to support program community and organizational networking in online*

- education programs*. Paper presented at the Association for Educational Communications and Technology Annual Convention, Indianapolis, IN.
- Grant, M. M., Hodges, C., Van Eck, R., & Shepherd, C. E. (2015, November). *Teaching and integrating games and gamification*. Panel presented at the Association for Educational Communications and Technology Annual Convention, Indianapolis, IN.
- *Des Armier, D., Jr., Dousay, T. A., Shepherd, C. E. (2014, November). *Students' use of digital storytelling to enhance digital literacy skills: Implications for best practices in postsecondary education*. Session presented at the Association for Educational Communications & Technology Annual Convention, Jacksonville, FL.
- *Aldosemani, T. I., *Gashim, I., & Shepherd, C. E. (2013, October). *Using third place to define learning communities*. Paper presented at the annual convention of the Association for Educational Communications and Technology, Anaheim, CA.
- Shepherd, C. E., *Czech, A., *Des Armier, D., & *Sorensen, B. (2013, October). *Promoting technology integration through preservice teacher field experiences: Advice from the trenches*. Paper presented at the annual convention of the Association for Educational Communications and Technology, Anaheim, CA.
- *Gashim, I., *Aldosemani, T., & Shepherd, C. E. (2013, October). *Modeling third place as an environment to foster sense of community in online instruction*. Paper presented at the annual convention of the Association for Educational Communications and Technology, Anaheim, CA.
- *Atkinson, M., & Shepherd, C. E. (2013, October). *Video game experience effects on transactional distance gap of learners in 3-D*. Paper presented at the annual convention of the Association for Educational Communications and Technology, Anaheim, CA.
- Dousay, T., Murtaugh, M., Shepherd, C. E., Strycker, J., & York, C. (2013, October). *Advice for the job hunt*. Panel discussion presented at the annual convention of the Association for Educational Communications and Technology, Anaheim, CA.
- *Des Armier, D., Shepherd, C. E., & *Skrabut, S. (2013, April). *Reframing the Course Assignment: Using Game Theory to Expand Informal Learning*. Paper presented at the American Educational Research Association Annual Meeting, San Francisco, CA.
- Ottensbreit-Leftwich, A., Banas, J., Mims, C., Shepherd, C. E., Weaver, C., West, R., Stansberry, S., & Siko, J. (2012, October). *Description and materials for preservice and inservice teachers' technology integration education*. Panel discussion presented at the annual convention of the Association for Educational Communications and Technology, Louisville, KY.
- *Aldosemani, T., I., & Shepherd, C. E. (2012, October). *Second Life to support intercultural literacy: Pre- and in-service teachers' perceptions and expectations*. Paper presented at

the annual convention of the Association for Educational Communications and Technology, Louisville, KY.

*Gashim, I., Shepherd, C. E., & Cochenour, J. (2012, June). *Saudi students' perceptions of social networking (Facebook) being used in online instruction*. Paper presented at the world conference on Educational Multimedia, Hypermedia, and Telecommunications (ED-MEDIA), Denver, CO.

Shepherd, C. E., & Hannafin, M. J. (2011, November). *Exploring approaches for evidence selection and organization to examine preservice teacher quality*. Paper presented at the annual convention of the Association for Educational Communications and Technology, Jacksonville, FL.

Bolliger, D. U., & Shepherd, C. E. (2010, October). *Extending an online learning community: Utilization of ePortfolios in graduate programs*. Paper presented at the annual convention of the Association for Educational Communications and Technology, Anaheim, CA.

Shepherd, C. E., Bolliger, D. U., & Cochenour, J. (2010, October). *Managing community, assessment, and reflection through e-portfolio development in distance graduate programs*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Anaheim, CA.

Shepherd, C. E., Bolliger, D. U., & Cochenour, J. (2010, October). *Observation of teaching in the online environment*. Paper presented at the annual convention of the Association for Educational Communications and Technology, Anaheim, CA.

Bolliger, D. U., & Shepherd, C. E. (2010, April). *Student perceptions of electronic portfolio integration in the online learning environment*. Paper presented at the American Educational Research Association Annual Meeting, Denver, CO.

Shepherd, C. E., & Bolliger, D. U. (2010, April). *Investigating Cognitive Load and Student Support in an Online Electronic Portfolio Implementation*. Paper presented at the American Educational Research Association Annual Meeting, Denver, CO.

*Skrabut, S. A., & Shepherd, C. E. (2010, April). Rethinking electronic portfolio use to promote long-term sustainability. Paper presented at the American Educational Research Association Annual Meeting, Denver, CO.

Shepherd, C. E. (2009, October). *Evaluating personal technology integration through video-based reflections*. Paper presented at the Association for Educational Communications and Technology International Conference, Louisville KY.

Shepherd, C. E., & Hannafin, M. J. (2008, November). *Do you see what I see: Using video, eportfolios, and reflective prompts to scaffold self-examination*. Paper presented at the Association for Educational Communications and Technology International Conference, Orlando, FL.

- Shepherd, C. E., & Hannafin, M. J. (2008, April). *Facilitating Professional Development through Video-Based, Formative Assessment Portfolios*. Paper presented at the American Educational Research Association Annual Meeting, New York.
- Shepherd, C. E. (2007, October). *Facilitating preservice teachers' professional development and support using portfolio production and action research*. Paper presented at the Association for Educational Communications and Technology International Conference, Anaheim, CA.
- Polly, A. B., Mims, C., Shepherd, C. E., & Inan, F. (2007, October). *The technology course, the methods courses, and the field experience: How PT3 projects attempted to make programmatic changes*. Paper presented at the Association for Educational Communications and Technology International Conference, Anaheim, CA.
- Shepherd, C. E., Rich, P., West, R., Hannafin, M., & Recesso, A. (2007, April). *Facilitating mentoring experiences with video-based portfolios*. Paper presented at the American Educational Research Association Annual Meeting, Chicago IL.
- Shepherd, C. E., Hannafin, M., & Recesso, A. (2007, April). *Enhancing portfolio development with Evidence-Based Decision Support methods*. Paper presented at the American Educational Research Association Annual Meeting, Chicago IL.
- West, R. E., Recesso, A., Hannafin, M., Rich, P., & Shepherd, C. E. (2007, April). *Evidential boundaries and the assessment of teacher practices*. Paper presented at the American Educational Research Association Annual Meeting, Chicago IL.
- Polly, A. B., Mims, C., Inan, F., & Shepherd, C. E. (2007, April). *An analysis of PT3 projects designed to improve preservice teachers' methods courses and field experiences*. Paper presented at the American Educational Research Association Annual Meeting, Chicago IL.
- Shepherd, C., Mims, C., Polly, D., & Inan, F. (2006, October). *Transforming teacher education: Examining PT3 projects influence on methods courses and field experiences*. Paper presented at the Association for Educational Communications and Technology International Conference, Dallas, TX.
- Shepherd, C. E., Recesso, A., Hannafin, M. (2006, October). *Redefining Preservice Teacher Portfolios through Evidence-Based Decision Support*. Paper presented at the Association for Educational Communications and Technology International Conference, Dallas, TX.
- Deaton, B., Rich, P., Shepherd, C. E., Recesso, A., & Hannafin, M. (2005, October). *Supporting the development of preservice teachers' knowledge with evidence-based inquiry*. Paper presented at the Association for Educational Communications and Technology International Conference, Orlando, FL.

- Polly, D., & Shepherd, C. E. (2005, April). *Understanding Pre-Service Teachers' Impressions of Technology's Role in Education*. Paper presented at the American Educational Research Association's Annual Meeting, Montreal, Canada.
- Shepherd, C. E., Rich, P., Wang, F., Deaton, B., Recesso, A., & Hannafin, M. (2005, April). *Technology integration through teacher educator and preservice teacher modeling of evidence-based practices*. Paper presented at the American Educational Research Association annual meeting, Montreal, Canada.
- Rich, P., Recesso, A., Shepherd, C. E., Polly, A., Weng, F., & Hannafin, M. (2005, April). *Improving teacher educator and preservice teacher practices through technology-enhanced evidence-based inquiry*. Paper presented at the American Educational research Association annual meeting, Montreal, Canada.
- Recesso, A., Hannafin, M., Wang, Deaton, B., Shepherd, C. E., & Rich, P. (2005, April). *Evidence Based Inquiry as a Methodology for Continuous Improvement of Practices*. Paper presented at the American Educational Research Association Annual Meeting, Montreal, Canada.
- Wang, F., Hannafin, M. J., Deaton, B., Shepherd, C. E., Rich, P., & Recesso, A. (2005, April). *Design and research on learning support tools in the evidence-based inquiry system*. Paper presented at the American Educational Research Association annual meeting, Montreal, Canada.
- Deaton, B., Recesso, A., Wang, F., Shepherd, C. E., Rich, P., & Hannafin, M. (2005, March). *Evidence-Based Inquiry: A methodology for the continual improvement of teaching practices*. Paper presented at the annual meeting of the Society for Information Technology and Teacher Education's Conference, Phoenix, AZ.
- Polly, A., & Shepherd, C. E., (2004, October). *Reflective Pre-Service Teachers: Using E-Portfolios to Facilitate Reflection in Teacher Education*. Concurrent session at the Association for Educational Communications and Technology's International Meeting, Chicago, IL.
- Shepherd, C. E., & Polly, D. (2004, October). *Redesigning an Introduction to Computers Course for Preservice Teachers to Focus on Multimedia Reflection*. Roundtable presented at the Association for Educational Communications and Technology's International Meeting, Chicago, IL.
- Shepherd, C. E., Polly, A., Rich, P., & Thomas, G. (2004, March). *Creating electronic portfolios that facilitate reflection and evaluation*. Brief paper presented at the Society for Information Technology and Teacher Education International Conference, Atlanta, GA.
- Singleton, E, Bleich, L., Orrill, C., Rich, P., & Shepherd, C. E. (2004, March). *Technology integration in mathematics*. Poster presented at the Society for Information Technology and Teacher Education International Conference, Atlanta, GA.

Refereed Regional/State Presentations

- Shepherd, C. E., & Bolliger, D. U. (2016, October). *Building and sustaining program community in online programs*. Session presented at e-Volution: Innovations in learning environments conference, Laramie, WY.
- Shepherd, C. E., Bolliger, D. U., Dousay, T., & Persichitte, K. (2016, May). *Developing a sense of community that extends beyond course boundaries*. Session presented at the Wyoming Distance Education Consortium (WYDEC) conference, Casper, WY.
- Shepherd, C. E., & Dousay, T. (2016, May). *Service learning and community partnerships in distance programs*. Session presented at the Wyoming Distance Education Consortium (WYDEC) conference, Casper, WY.
- Shepherd, C. E., *Smith, S. M., & Dousay, T. A. (2016, May). *Painting with programming*. Interactive session presented at the Women in STEM Conference, Laramie, WY.
- Shepherd, C. E., *Smith, S. M., & *Thielk, E. G. (2016, May). *Sphero robotics and finger paints: Engaging 7-9 grade students in problem solving, programming, pop-culture, and STEAM*. Session presented at the Wyoming Technology-Engagement-Curriculum Connection (WYTECC) conference, Green River, WY.
- Shepherd, C. E., Bolliger, D. U., Dousay, T., Persichitte, K. (2015, May). *Preparing a new generation of teachers to teach online*. Session presented at the Wyoming Technology-Engagement-Curriculum Connection (WYTECC) conference, Rock Springs, WY.
- Bolliger, D. U., Shepherd, C. E., *Kilty, T. (2015, May). *Utilization of mobile technologies in wilderness areas*. Session presented at the Wyoming Technology-Engagement-Curriculum Connection (WYTECC) conference, Rock Springs, WY.
- Shepherd, C. E., Aldosemani, T., & Gashim, I. (2015, September). *Developing third places to promote community in online learning environments*. Session presented at e-Volution: Innovations in learning environments conference, Laramie, WY.
- Bolliger, D. U., & Shepherd, C. E. (2013, April). *Fostering and sustaining students' sense of community and connectedness in online courses and programs*. Session presented at the Wyoming Technology-Engagement-Curriculum Connection (WYTECC) conference, Green River, WY.
- *Sorensen, B., Shepherd, C. E., & Range, B. (2012, October). *Perceptions of technology assistant roles*. Paper presented at the Northern Rocky Mountain Educational Research Association, Park City, UT.

*Des Armier, D., Shepherd, C. E., & *Skrabut, S. (2012, October). *Reframing the course assignment: Using game theory to expand informal learning*. Paper presented at the Northern Rocky Mountain Educational Research Association conference, Park City, UT.

Shepherd, C. E., & Hannafin, M. J. (2011, February). *Evaluating portfolio artifacts as evidence of practice*. Paper presented at the AAEEBL Western Regional Conference, Salt Lake City, UT.

Bolliger, D. U., & Shepherd, C. E. (2009, October). *Student perceptions of electronic portfolio integration in online courses*. Paper presented at the Northern Rocky Mountain Educational Research Association conference, Jackson, WY.

Proceedings

*Gashim, I., Shepherd, C. E., & Cochenour, J. (2012). Saudi Students' Perceptions of Social Networking (Facebook) Being Used in Online Instruction. In T. Amiel & B. Wilson (Eds.), *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2012* (pp. 1512-1516). Chesapeake, VA: AACE.

Shepherd, C. E., Polly, A., Rich, P., & Thomas, G. (2004). Creating electronic portfolios that facilitate reflection and evaluation. In C. Crawford et al. (Eds.), *Proceedings of the Society for Information Technology and Teacher Education International Conference Annual*, (pp. 249-252). Chesapeake, VA: AACE.

PROFESSIONAL EXPERIENCE

2014-2015 Course Developer, University of Wyoming
Description: Completely designed and developed a freshman seminar course associated with managing digital profiles as part of a changing university studies program. The course culminates in a service learning opportunity where groups of students teach principles of Internet security to various community groups throughout the city.

2014-Present Associate Professor of Instructional Technology, University of Wyoming
Description: Develop and teach instructional technology courses to undergraduate and graduate students, sit on Masters and doctoral-level committees, conduct scholarly research, and provide professional service.

2008-2014 Assistant Professor of Instructional Technology, University of Wyoming
Description: Develop and teach instructional technology courses to undergraduate and graduate students, sit on Masters and doctoral-level committees, conduct scholarly research, and provide professional service.

2012-Present Social Network Administrator, University of Wyoming

- Description: Co-developed and administered a social network site for students and faculty in instructional technology and adult and postsecondary education programs to enhance community and collaboration
- 2012 Course Developer, University of Wyoming
Description: Completely designed and developed the advanced instructional design course (ITEC 5760: Instructional Design Applications). In addition to selecting textbooks, creating assignments, and developing the course, I also recruited clients for students to work with on authentic design projects.
- 2012 Course Developer, University of Wyoming
Description: Redesigned the Masters Capstone course (ADED/ITEC 5090) for students in instructional technology and adult and postsecondary education programs. Duties included selecting textbooks, developing capstone assessment experiences, and developing assignments and the course shell.
- 2011-2016 Website Developer, University of Wyoming
Description: In collaboration with the instructional technology program, I helped to revamp and maintain the program website—updating information and adding content to attract current and future students.
- 2009-Present Instructional Designer, University of Wyoming
Description: The lead designer on graduate student handbooks for the instructional technology masters and doctorate programs.
- 2009-2011 Instructional Designer, University of Wyoming
Description: The lead designer on graduate student handbooks for the adult and postsecondary education masters and doctorate programs.
- 2008 Instructional Designer, University of Georgia
Description: In collaboration with a team of designers I developed security awareness training materials for all faculty and staff at the University of Georgia.
- 2007-2008 Instructional Designer, University of Georgia
Description: In collaboration with a team of designers I helped to develop, implement, and evaluate instructional materials for Tier 1 technology worker training within the College of Education.
- 2006-2008 Distance Education Facilitator, University of Georgia
Description: Developed training materials and supported faculty members to create online courses within the College of Education using DreamWeaver, WebCT, LiveText, Facilitate Pro, and Horizon Live Classroom. Also developed a technology integration portal for K-12 teachers based on ISTE standards for the Office of Information Technology within the College of Education.

- 2005-2006 Researcher for the Georgia Teacher Success Model (GTSM)
Description: Helped beginning teachers implement video-based portfolio practices to facilitate collaboration and formative assessment with mentors and administrators.
- 2005-2006 Title II eMath Evaluator
Description: Developed, implemented, and evaluated an observation protocol for eMath classroom implementations across Georgia. Evaluated professional development training using multiple regression analyses.
- 2005 Product Evaluator
Description: Conducted a product evaluation regarding the use of Microsoft OneNote 2003 to facilitate student organization and faculty-student communication at Athens Academy, a private PK-12 school in Athens, Georgia.
- 2003-2006 Research assistant at the Learning and Performance Support Laboratory, University of Georgia
Description: Facilitated technology integration within preservice science, mathematics, social studies, special education, and elementary education teacher methods courses and field experiences. Helped to evaluate a state-wide, GA-DOE funded mathematics professional development. Planned, implemented, and evaluated professional development regarding technology integration in K-5 mathematics classrooms.
- 2002-2003 Technology specialist at Provo City School District, Utah
Description: Developed electronic portfolios for preservice teachers beginning their methods courses and field experiences within the school district. Supported cooperating teachers and faculty in electronic portfolio development using Microsoft Office tools.
- 2000-2002 Systems Manager/Teaching Assistant at Brigham Young University
Description: Provided computer support for students in a beginning computer class for educators. Assisted BYU faculty in various technology projects. Evaluated and graded student assignments and projects. Provided faculty project support and authored course materials and tutorials to enhance computer skills for 600+ students per semester.
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INSTRUCTION

Resident Instruction

EDRE 5640: Introduction to Qualitative Research (3 credits)

Delivery: Online

Taught: Fall 2016

Description: Students are introduced to five qualitative inquiry approaches (grounded theory, case study, narrative, phenomenology, and ethnography). They also learn how to develop qualitative studies, articulate research questions, implement interview and focus group protocols, conduct observations, and begin analysis and write-up.

ITEC 1101: Managing Your Digital Profile (3 credits)

Delivery: Face-to-Face

Taught: Fall 2015

Description: Students explore issues associated with privacy, security, access and disclosure in regards to information they share with others through web browsing, social media, marketing, and so forth. Afterwards they learn and apply strategies to better manage their digital profile.

ITEC 5480: Short Course in Virtual Environments (3 credits)

Delivery: Hybrid (asynchronous online and synchronous Second Life)

Taught: Summer 2014

Description: Students explored uses of 3D virtual environments for learning purposes in both formal and informal settings. Topics included differentiating between 3D games and simulations, considering virtual environments in distance education, and examining promises made of these technologies, their management, and benefits and limitations.

ITEC 5070: Trends in Mobile Technologies (3 credits)

Delivery: Online

Taught: Spring 2014

Description: A trends course where students explore the role mobile technologies play in the field of education and training, develop lessons associated with mobile devices and applications, and explore website development aimed at mobile devices.

ITEC 5870: Seminar in Graduate Studies (3 credits)

Delivery: Online

Taught: Fall 2013

Description: An entry course for all graduate students in instructional technology that discusses program requirements, introduces a programmatic electronic portfolio, introduces the field, explores research journals, APA guidelines, and conference proposal development.

ITEC 5760: Instructional Design Applications (3 credits)

Delivery: Online

Taught: Spring 2013

Description: An advanced instructional design course that stresses project management where groups work with authentic clients to design, implement and evaluate instructional products.

ADED/ITEC 5090: Masters Capstone (4 credits)

Delivery: Online

Taught: Spring 2013-2017

Description: Masters students synthesize coursework in the program by completing and defending several case studies, writing an original literature review, and finalizing their program electronic portfolio for an oral defense.

ITEC 5560: Design and Development of Instructional Systems (3 credits)

Delivery: Online

Taught: Spring 2012, Fall 2013, Fall 2016

Description: An intermediate instructional design course where students design, develop, and implement authentic learning products when working with clients in the state of Wyoming.

ITEC 5850: Issues, Practice, and Research in Instructional Technology (3 credits)

Delivery: Online

Taught: Fall 2011

Description: An advanced course for Ed.D. students that explores research methods in instructional technology and helps students to develop the methods chapter of their dissertation proposal.

ADED 5440: Information Technology (3 credits)

Delivery: Hybrid (online and phone bridge)

Taught Spring 2011

Description: An advanced course for Ed.D. students that focuses extensively on locating and evaluating research in the field, culminating in the development of a literature review for student dissertation proposals.

ITEC 5160: Introduction to Instructional Design (3 credits)

Delivery: Online

Taught: Fall 2009, Spring 2010, Spring 2011, Spring 2012, Fall 2012, Spring 2016

Description: This course introduces systems-level instructional design. Students examine multiple design models and complete the front-end analysis on a project of their choosing.

ITEC 5550: Theory of Change (3 credits)

Delivery: Online

Taught: Summer 2009, 2010, 2011, 2012, Fall 2013, 2014, 2015

Description: Students explore theories associated with organizational and individual change as they analyze case studies and design their own organizational change project.

ITEC 2360: Introduction to Educational Technology (3 credits)

Delivery: Face-to-face with field experience

Taught: Fall 2008, Spring 2009, Fall 2009, Spring 2010, Fall 2010, Spring 2011, Fall 2011, Spring 2012, Fall 2012, Spring 2013, Fall 2014, Spring 2015, Fall 2015, Fall 2016

Description: A required course for beginning preservice teachers that explores the theory and practice of technology integration in PK-12 classrooms (including a mandatory eight week field experience in local schools for the past two years)

Other Instruction

EDIT 4160: Design and Development Tools (3 credits)

Role: Co-instructor, University of Georgia

Delivery: Face-to-face

Taught: Fall 2007

Description: An advanced technology integration course for preservice teachers. Faculty facilitated learning to meet student-generated learning contracts.

EDIT 2000: Introduction to Computers in Education (3 credits)

Role: Primary instructor, University of Georgia

Delivery: Face-to-face

Taught: June, 2006

Description: A required technology integration course for preservice teachers.

EDIT 2000: Introduction to Computers in Education (3 credits)

Role: Co-instructor, University of Georgia

Delivery: Face-to-face

Taught: May, 2006

Description: A required technology integration course for preservice teachers.

EDIT 9990: Doctoral Seminar (3 credits)

Role: Co-instructor, University of Georgia

Delivery: Blended (face-to-face and asynchronous)

Taught: Spring 2005

Description: A doctoral seminar course where students explored past, present, and possible future perspectives in instructional technology.

EDIT 6170: Introduction to Instructional Design (3 credits)

Role: Co-instructor, University of Georgia

Delivery: Synchronous online

Taught: Summer 2004

Description: Students experienced systems-level instructional design as they developed a project using the Dick, Carey, and Carey model.

EDIT 2010: Introduction to Computers in Education for Elementary Teachers (3 credits)

Role: Co-instructor, University of Georgia

Delivery: Face-to-face

Taught: Spring 2004

Description: A required technology integration course focused on elementary education for preservice teachers.

PSYCH 304: Introduction to Testing Methods (3 credits)

Role: Undergraduate teaching assistant, Brigham Young University

Delivery: Face-to-face

Taught: Fall 2002

Description: Students learn about quantitative methods, validity and reliability associated with psychological testing.

IP&T 286: Introduction to Computers in Education (1 credit)

Role: Teaching Assistant and curriculum designer, Brigham Young University

Delivery: Face-to-face

Taught: 2000-2002

Description: A required technology integration course for preservice teachers.

GRANT ACTIVITY

- 2016 Shepherd, C. E. (2016). Circuits, robotics, and programming: Meeting the needs of preservice teachers and lab school students.
Funding Agency: Patricia McClurg Education Faculty Fellowship
Funding Requested: \$6,000
Funding Received: \$6,000
- 2011 Shepherd, C. E., & Buss, A. (2011). *Examining artifact collection, reflection, and interpretation in preservice teacher's video-based electronic portfolios*.
Funding Agency: Faculty Grant-in-aid Program at the University of Wyoming
Funding Requested: \$7,375.50
Contribution: 50%
Received: \$0.00
- 2010 Shepherd, C. E., & Aldosemani, T. (2010). *Graduate student electronic portfolio advising*.
Funding Agency: University of Wyoming Outreach Department
Funding Requested: \$3,236.00
Contribution: 100%
Received: \$1,500.00
- 2010 Shepherd, C. E. (2010). *Portfolio artifacts as evidence: Myth and reality*.
Funding Agency: Mary Garland Research Fellowship
Funding Requested: \$15,000.00
Contribution: 100%
Received: \$0.00
- 2009 Harbour, C., & Shepherd, C. E. (2009). *An investigation of the development of community college students' professional/educational goals as they transition to the University of Wyoming*.
Funding Agency: Faculty Grant-in-aid Program at the University of Wyoming.
Funding Requested: \$7,500
Contribution: 50%
Received: \$0.00

- 2005 Orrill, C., Mewborn, D., & Beckman, S. (2004-2005). *Madison County mathematics improvement with technology*.
Funding Agency: Georgia's Improving Teacher Quality Program.
Funded amount: \$32,697.
Contribution: 10%
- 2005 Recesso, A., Hannafin, M., Shepherd, C., Deaton, B., & Wang, F. (2005). *Evidence-based technology-enhanced curriculum in higher education*.
Annual Report, year 2. Preparing Tomorrow's Teachers to use Technology.
Contribution: 60%
- 2001 ORCA grant recipient for undergraduate research. Funded \$1000
- 2001 BYU Honors Program grant recipient for undergraduate research. Funded \$1000
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PROFESSIONAL AFFILIATIONS

- 2009-2011 Association for Authentic, Experiential, and Evidence-Based Learning (AAEBL) member
- 2008-Present Professors of Instructional Design and Technology (PIDT) member
- 2004-Present Member of the Association for Educational Communications and Technology (AECT)
- 2005-2011 American Educational Research Association (AERA) member
- 2004-Present SIG Teacher Education member of AECT
- 2007-Present SIG Research and Theory member of AECT
- 2007-Present SIG Change member of AECT
- 2007-2011 SIG Instructional Technology member of AERA
- 2007-2011 SIG Portfolios and Reflection for Teacher Education member of AERA
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SERVICE

National/International

2016-Present	Board Member at Large: Teacher Education Division of the Association for Educational Communications and Technology
2015	Manuscript reviewer for the British Journal of Educational Technology
2012-Present	Manuscript reviewer for The Internet and Higher Education
2011-Present	Manuscript reviewer for TechTrends
2011-2012	Professors of Instructional Design and Technology (PIDT) Conference Host
2011	Professors of Instructional Design and Technology (PIDT) Conference Planner
2010-2013	Vice President for Communications of the Teacher Education Division of AECT
2009-2011	Member of the Board of Directors for the Association for Authentic, Experiential and Evidence-Based Learning (AAEEBL)
2009-Present	Manuscript reviewer for Educational Technology Research and Development
2009	Manuscript reviewer for TechTrends special issue
2009-2012	Proposal Reviewer for the AECT Annual Meeting, Multimedia division
2007-2010	Proposal Reviewer for the AERA Annual Meeting, Portfolios and Reflection for Teacher Education SIG
2007-Present	Proposal Reviewer for the AECT Annual Meeting, Teacher Education Division
2005-2010	Communications Committee Member, AECT Teacher Education Division
2004-2006	Volunteer for Association for Educational Communications and Technology's International Meeting
March 2004	Volunteer for the Society for Information Technology and Teacher Education (SITE) Conference

College and Department

2017-Present	University of Wyoming College of Education Research Work Group Member Trustees Education Initiative
2015-Present	College Student Dispute Resolution Committee Member

2014-2015	College of Education Tenure and Promotion Committee Member
2014-Present	Department representative to University Faculty Senate
2013-2014	Doctoral student retreat co-planner
2014	Research symposium conference co-planner
2013-2014	Program Coordinator for all instructional technology degree programs and certificates
2013-2014	Alternate department representative to the University Faculty Senate
2012-2013	Search Committee Member for the instructional technology position in the department of Professional Studies
2012-2013	College of Education Undergraduate Advising Evaluation Task Force member
2011-2013	Coordinator of the preservice teacher technology field experience for ITEC 2360
2011-2012	Committee member for the Teacher Performance Assessment Task Force
2011-Present	Instructional Technology website developer
2010	Search Committee Member for the Educational Researcher Position in the department of Professional Studies
2009-2012	Director of Ed.D. Orientation for Adult and Postsecondary and Instructional Technology students
2009-Present	Lead author on the Graduate Student Handbook Development Committee for Instructional Technology doctoral and masters programs
2009-2011	Lead author on the Graduate Student Handbook Development Committee for Adult and Postsecondary doctoral and masters programs
Spring 2009	Member of the Counseling Education Admissions Committee
2008-2014	Member of the Advisory Committee on Teacher Education (ACTE)
2008-Present	Member of the Admissions Committee for all instructional technology programs
2008-2011	Member of the Admissions Committee for Adult Learning and Technology programs

- 2008-Present Member of the Curriculum, Revision, and Assessment Committee for the instructional technology programs
- 2008-2013 Coordinator of ITEC 2360: Teaching with Technology
- Community**
- 2016-Present Co-teacher of a technology elective course within Albany County School District #1
Duties: Weekly instruction to ten 5-9 grade students regarding basic electronic circuits, and wearable electronics.
- 2015-2016 Co-teacher of a technology elective courses within Albany County School District #1.
Duties: Weekly instruction on the use of Sphero robotics and introductory programming to 5-15 students. Each course lasted between 9 weeks.
- 2015-Present High school early morning seminary instructor in Laramie Wyoming for The Church of Jesus Christ of Latter Day Saints.
Duties: Daily instruction on *The Old Testament* for 17 enrolled high school seniors.
- 2010-2015 Bishop of Overland Trail Ward (Laramie Wyoming Stake) of The Church of Jesus Christ of Latter Day Saints
- 2009-2010 High school early morning seminary instructor in Laramie Wyoming for The Church of Jesus Christ of Latter Day Saints
Duties: Daily instruction on *The Book of Mormon* for 13 high school juniors.
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GRADUATE ADVISING

Chaired Doctoral Degree Graduates

- 2017 Valentine, Jon M., Ed.D.
Dissertation: *Teacher and Student Perceptions of a High School Spanish Level One Online Course Supplement*
- 2014 Gashim, Ibrahim A., Ph.D.
Dissertation: *Examination of students' views of sense of community after using social networking sites in online instruction.*
- 2014 Marquard, Paul, Ed.D.

Dissertation: *Collaborative learning in engineering: A quest to improve student retention.*

- 2014 Aldosemani, Tahani, Ph.D.
Dissertation: *Second Life as a third place for English language learner's cross-cultural interaction.*
- 2013 Atkinson, Mark, Ed.D.
Dissertation: *Transactional distance and Second Life: The effects of video game experience.*
- 2013 Mahlum, Kerri D., Ed.D.
Dissertation: *Perceptions of preparedness: Evaluation of an early childhood teacher education program.*
- 2013 Powis, Haley, Ed.D.
Dissertation: *Grandmothers at work, school, and play: A phenomenological study of the experiences of grandmothers enrolled in distance education.*
- 2013 Skrabut, Stanley A., Ed.D.
Dissertation: *A study of informal learning among university of Wyoming Extension Educators.*

Co-Chaired Doctoral Degree Graduates

- 2011 Anderson, Clark D., Ed.D.
Dissertation: *The Church Education System's teaching and learning emphasis: Performance testing with LDS institute students.*
- 2011 Williams, John P., Ed.D.
Dissertation: *The Church Education System's teaching and learning emphasis: Performance testing with LDS seminary students.*
- 2010 Kolb, Belinda, Ed.D.
Dissertation: *Instructional design of entrepreneurship courses in opportunity recognition: Interview research of Wyoming Bravo! entrepreneurs.*

Chaired Masters Degree Graduates

- 2017 Deal, Michael
- 2017 Finder, James
- 2017 Fuller, Abigail
- 2017 Smith, Amanda

2016	Farrar, Nichole
2015	Keeney, Joshua
2015	Smith, Samantha
2015	Straube, Kasey
2015	Thompson, Vincent
2014	Bingham, Alivia
2014	Darrington, Brett
2014	Lee, Leesa
2014	Reynolds, Brenna
2013	Hamner, Rex
2013	Laucomer, Cary
2013	Roberts, Craig
2012	Davey, Martha
2012	Laho, Nora
2012	Pollastro, Cammie
2011	Garcia, Jennifer
2011	Lorentz, Donna
2011	McClure, Anna
2011	Sanders, Heather
2011	VanLake, Danielle
2010	Zook, Lester
