

Beverly Ray, PhD
Professor
Department of Teaching and Educational Studies
College of Education
raybeve@isu.edu

Research Interests

Best practices in the use and design of current and emerging digital technologies, including social media, digital games, role plays, and simulations; Internet, society, and culture; and Social Studies education and practice.

Education

Doctor of Philosophy: Instructional Leadership/Instructional Technology; minors in Educational Research and Secondary Social Studies Education; with 18 hours in 20th Century United States History. December 2000, The University of Alabama, Tuscaloosa, Alabama

Master of Arts: Secondary Education. August 1989, The University of Alabama, Tuscaloosa, Alabama

Bachelor of Science: Secondary Education. December 1984, The University of Texas, Austin, Texas

Selected Awards and Recognition

Adolph B. Crew Teaching Award, College of Education, University of Alabama, 1998.

Columbus Voyage of Discovery Quincentenary Teacher-Scholar Award, National Geographic Society/National Council for Geographic Education/Alabama Geographic Alliance, 1992.

Academic Employment History

Professor, Educational Foundations, College of Education at Idaho State University, 2007-present.

Department Chair, Educational Foundations, College of Education at Idaho State University, 2007-2012.

Assistant/Associate Professor, Educational Foundations, College of Education at Idaho State University, 2001-2007.

Technology Coordinator, Laboratory for Interactive Technology, College of Education, University of Alabama/Westlawn Middle School, 2000-2001. Coordinate implementation of a Goals 2000 technology grant in a high poverty magnet middle school.

Graduate Teaching Assistant, College of Education, University of Alabama, 1996-2000. Social studies education and educational technology instruction along with supervision of student teachers.

World Geography Teacher, Center for Communication and Educational Technology, College of Communications, University of Alabama, 1990-1994. HS World Geography instructor.

Social Studies/Touchstones Coordinator, BioPrep Program, College of Community Health Sciences, University of Alabama, 1986-1990. Social Studies professional development for secondary schools in West Alabama.

Scholarship

Recent Grants and Other Funding

Ray, B. B. (2014). Travel Grant: Military Child Education Coalition National Convening. MECE/Bill & Melinda Gates Foundation, \$1400.

Ray, B. B., & Lin, S-Y, (2012). *Grow Your Own Scholarship Program*. Idaho State Board of Education, \$115,636.

Ray, B. B., Rosborough, A., & Lin, S-Y. (2011). *Grow Your Own Scholarship Program*. Idaho State Board of Education, \$97,500.

Ray, B. B., & Jacobsen, B. (2011). *simSchool Project: Level 3 Partner*. Association for the Advancement of Computing in Education, \$37,600.

Ray, B. B., & Rosborough, A. (2010). *Grow Your Own Scholarship Program*. Idaho State Board of Education, \$101,000.

Book Chapters

Ray, B. B., & Powell, A. (In Review). Video as a means to an end: Problems and techniques associated with using video in teacher training programs.

Ray, B. B., & Powell, A. (2014). Preparing to Teach with Flipped Classroom in Teacher Preparation Programs. In J. Keengwe, G. O. Onchwari, & J. N. Oigara (Ed.), *Promoting Active Learning Through the Flipped Classroom Model* (pp. 1-22). Hershey, PA: IGI Global.

Ray, B. B. (2013). Foreword. In J. Keengwe (Ed.), *Research perspectives and best practices in Educational Technology*. (pp. xix). Hershey, PA: IGI Global.

Powell, A., & **Ray, B.** (2012). Supporting Mathematics for Young Children through Technology. In S. Blake, D. Winsor, & L. Allen (Eds.) *Child Development and the Use of Technology: Perspectives, Applications and Experiences*. (pp. 146-168) Hershey, PA: IGI Global.

Ray, B. B. (2011). Teaching Elementary Social Studies: Music and Social Studies. In N.R. Robinson, S. N. Hall, & F. P. Spano (Eds.), *Teaching elementary music: Integrative connections between music and other subjects* (2nd ed.) (pp. 255-261, 267). Dubuque, IA: Kendall Hunt Publishing Company.

Ray, B. B. (2010). Teaching Elementary Social Studies: Music and Social Studies. In N. R. Robinson, S. Hall, & F. P. Spano (Eds.), *Teaching Elementary Music: Integrative connections between music and other subjects* (pp. 255-261). Dubuque, IA: Kendall Hunt Publishing.

Ray, B. B. (2010). Using music and other source materials to solve a mystery from the past: Who was Harriet Tubman and what did she do to make the world a better place? In N. R. Robinson, S. Hall, & F. P. Spano (Eds.), *Teaching Elementary Music: Integrative connections between music and other subjects* (pp. 261-266). Dubuque, IA: Kendall Hunt Publishing.

Recent Peer Reviewed Publications

Ray, B. B., Powell, A., & Jacobsen, B. L. (2014/2015). Exploring Pre-service Teacher Perspectives of Video Games as Learning Tools. *Journal of Digital Learning in Teacher Education*, 31(1), 1-7.

Ray, B. B., Hocutt, M., & Hooley, D. S. (2014). Use of an Online Simulation to Promote Content Learning. *International Journal of Online Pedagogy and Course Design*, 4(1), 43-57.

Faure, C. E., Appleby, K. M., & **Ray, B. B.** (2014). Feeling Elite: The Collective Effervescence of Team USA at the 2012 ITU Grand Fina. *The Qualitative Report*, 19(9), 22.
www.nova.edu/ssss/QR/QR19/faure17.pdf

Ray, B. B., Faure, C., & Kelle, F. (2013). Using social impact games (SIGs) to Support constructivist learning: Creating a foundation for effective use in secondary social studies education. *American Secondary Education Journal*, 41(2), 60-70.

Hooley, D. S., Tysseling, L., & **Ray, B. B.** (2013). Trapped in a Cycle of Low Expectations: An Exploration of High School Seniors' Perspectives About Academic Reading. *The High School Journal*, 96(4).

Faure, C., & **Ray, B. B.** (2012). Game time!: Justifying the use of Wii Fit Plus in the early elementary physical education classroom. *Journal of Technology Integration in the Classroom*, 3(1).

Ray, B. B., & Coulter, G. (2010). Perceptions of the value of digital mini-games: Implications for middle school classrooms. *Journal of Digital Learning in Teacher Education* [Formerly the *Journal of Computing in Teacher Education*], 26(3), 92-100.

Ray, B. B., & Pemberton, C. (2010). Engaging 9/11 as a learning event: Teachers' perspectives examined. *Social Studies Research and Practice*, 5(1), 58 -74.

Pemberton, C., **Ray, B.**, Said, H., Easterly, D., & Belcher, C. (2010). Graduate student perceptions of college of education culture and climate. *Advancing Women in Leadership*, 30(5). Available: http://www.advancingwomen.com/awl/Vol30_2010/cynthia_pemberton_AWL_vol_30_no.5.pdf

Ray, B. B. (2009). Voices from the classroom: Secondary teachers' media use on 9/11. *International Journal for Instructional Media*, 36(3), 303-312.

Ray, B. B., & Coulter, G. (2008). Reflective practices among Language Arts teachers: The use of weblogs. *Contemporary Issues in Technology and Teacher Education*, 8(1). Retrieved from <http://www.citejournal.org/vol8/iss1/languagearts/article1.cfm>

Ray, B. B., & Hocutt, M. M. (2007, Reprint). What does the research really say? Teacher created, teacher centered weblogs: Perceptions and Practices. *Michigan Association for Computer Users in Learning*, 27(3), 38 - 39.

Ray, B. B., Powell, A. & Strickland, J. (2006/2007). Technology integration and the preservice teacher: A roadmap for reflection and observation during early field experiences. *Teaching & Learning: The Journal of Natural Inquiry and Reflective Practice*, 21(1), 29 - 58.

Ray, B. B., & Hocutt, M. M. (2006). Teacher created, teacher centered weblogs: Perceptions and practices. *Journal of Computing in Teacher Education*, 23(1), 21 - 28.

Ray, B. B. (July/August 2006). Analyzing political art to get at historical fact: *Guernica* and the Spanish Civil War. *The Social Studies*, 97(4). 168 - 171.

Ray, B. B., & Hocutt, M. M. (June 2006). [Review of the book *Blogs, wikis, podcasts and other powerful web tools for classrooms.*] *Teachers College Record*. ID Number: 12550. Available from <http://www.tcrecord.org>

Wright, V., Stallworth, J. B., & **Ray, B.** (2002). Challenges of electronic portfolios: Student perspectives and experiences. *Journal of Technology and Teacher Education*, 10(1), 47 - 59.

Ray, B., & McFadden, A. (Fall 2001). PDAs in higher education: Tips for instructors and students. *Journal of Computing in Higher Education*, 13(1) , pp. 110 - 118.

Ray, B. B., McFadden, A., Patterson, S., & Wright, V. (Summer 2001). Personal digital assistants in the middle school classroom: Lessons in hand. *Meridian: A Middle School Computer Technologies Journal*, 4(2). Available from <http://www.ncsu.edu/meridian/>

Ray, B., & Marsh, G. (February 2001). Recruitment of extremists on the Internet. *First Monday*, 6(2). Available from http://firstmonday.org/issues/issue6_2/ray/index.html. (Results of this research reported/quoted in *New Matilda*, <http://www.newmatilda.com>, in 2007).

Manuscripts in Review

Ray, B. B., & Hocutt, M. (In Review). Learning from and teaching about disaster using the Media: The case of the April 2011 tornado outbreak.

Powell, A., Ray, B., & Kibe, G. (In Review, 2015). An Ethic of Caring for African American Mathematics Students: A Case Study Examining Perceptions of Pre-service Mathematics Educators.

Selected Peer Reviewed Proceedings and Presentations

Ray, B. B., Hocutt, M., & Patterson, S. (2015). *After the Disaster: Now What?* 2015 NCSS Annual Conference.

Ray, B. B. (2015). Using Flipped Classroom to Promote Engaged Learning Among Preservice Teachers. Hawaii International Conference on Education.

Ray, B. B., & Jacobsen, B. (2013). Reflecting on *simSchool*: Can an online simulation promote reflective teaching practices among preservice learners? *Hawaii International Conference on Education*.

Ray, B. B., & Ray, G. H. (2013). Learning from and teaching about disaster: The case of the April 2011 tornado event. *Hawaii International Conference on Education*.

Ray, B. B., Jacobsen, B., & Ray, G. (2012). Perceptions of preservice teachers of video games as learning tools. *Proceedings of the Society for Instructional Technology and Education*

Ray, B. B. (2011). Supporting conceptual learning in the Social Studies via digital gaming. *Hawaii International Conference on Education*.

Ray, B. B., Jacobsen, B., & Ruchti, W. (accepted, 2011). Wii the Teachers: Serious games for serious learning. *Society for Instructional Technology and Education*.

Ray, B. B., & Hocutt, M. (2010). Using an online simulation to promote conceptual learning. *EDUCAUSE Learning Initiative (ELI) Conference*.

Coulter, G., & **Ray, B.** (2009). Teacher candidates' perceptions of the efficacy of the use of webcasts as online supplemental instruction in a traditional education course. In T. Bastiaens, Et al. (Eds.) *Proceedings of the World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2009* (p. 2475). Chesapeake, VA: AACE.

Coulter, G. A., & **Ray, B. B.** (2009). Webcasting and learning: Design considerations for the novice professor. *Hawaii International Conference on Education*.

Ray, B. B. (2009). Digital mini-games for the social studies classroom: Does perception shape practice, while practice ignores research? *Hawaii International Conference on Education*.

Ray, B. B. (Accepted, 2009). Using an online simulation/role play to teach about genocide. *National Council for the Social Studies Annual Conference*.

Ray, B. B. (2008). Got game? Educators' perspectives on the value of digital games. *Proceedings of the Society for Instructional Technology and Education*.

Coulter, G., & **Ray, B. B.** (2008). Designing for the future of webcasting. *Proceedings of the Society for Instructional Technology and Education*.

Ray, B. B. (2007). Digital and mass media literacy in the age of terrorism: What do teachers need to know about media use? *Proceedings of the Society for Instructional Technology and Education*.

Ray, B. B., Hocutt, M., & Patterson, S. (2005). Weblogs to promote creative expression and reflective practice in e-learning environments. *World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education*.

Hocutt, M. M., Patterson, S. K., & **Ray, B.** (October 2005). Blog, blog, blog. *Educause 2005*.

Hocutt, M., **Ray, B.**, & Wright, V. (2005). High school students: How do they obtain technology skills? *Proceedings of the Society for Instructional Technology and Education*.

Ray, B. B., Hocutt, M., Wright, V., & Ray, G.S. (2004). Collaborative lesson planning in WebCT: Observations from a K-8 social studies methods course. *Proceedings of the Society for Instructional Technology and Education*.

Hocutt, M., Wright, V., Hartman, J., & **Ray, B.** (2004) Comparing instructional methodologies in sixth-grade science: Traditional textbook, integrated science, and integrated science with technology enhancement. *Proceedings of the Society for Instructional Technology and Education*.

Ray, B. B. & Patterson, S.K. (2003). Online ethics: Challenges for preservice educators. *Proceedings of the Society for Instructional Technology and Education*.

Powell-Mikle, A., & **Ray, B. B.** (2003). Pre-service math educators' receptivity to mathematically-based electronic portfolios as assessment, reflection and anxiety reduction tools. *Proceedings of the Society for Instructional Technology and Education*.

Strickland, J, **Ray, B.** & Coffland, D. (2003). An integration partnership: Technology, methodology, and early field experiences. *Association of Teacher Educators (ATE) Conference*.

Ray, B. B. & Hocutt, M. (2002). Real history: Interactive slideshows to support educational objectives in the Social Studies. *Proceedings of the Society for Instructional Technology and Education*.

Ray, B. B., McFadden, A., Patterson, S., & Hocutt, M. (2001). Revolution in hand: Personal digital assistants in the science classroom. *Proceedings of the Society for Instructional Technology and Education*.

Ray, B. B., Wright, V., Stallworth, J., & Wilson, E. (2001). Electronic portfolios and preservice teachers. *Proceedings of the Society for Instructional Technology and Education*.

Selected International, National, and Regional Presentations

Ray, B. B., & Patterson, S. (October 2001). *Handheld computers in the classroom*. EDUCAUSE.

Wilson, E. K., Rice, M., **Ray, B.**, Stallworth, B., Shaver, K., & Callison, K. (June 2000). *A virtual trip through the civil rights movement*. National Educational Computing Conference.

Wilson, E. K., Rice, M. & **Ray, B. B.** (November 1998). *Integrating technology and constructivism into the social studies classroom: Making a difference*. National Council for the Social Studies Annual Meeting.

Wilson, E. K. & **Ray, B.** (March 1998). *Teaching the Holocaust*. Mortar Board Social Studies Conference, University of Alabama, Tuscaloosa, AL (Invited)

Wilson, E. K., **Ray, B.**, & Evans, A. (November 1996). *Using virtual fieldtrips for instructional purposes*. National Council for the Social Studies Annual Meeting.

Ray, B. (October 1992). *The great disease migration*. National Council for Geographic Education/Society of Latin American Geographers, Annual Meeting. Santo Domingo, DR.

Ray, B. (March 1990). *Crossroads of understanding: Communications in a technological society*. National Council for the Social Studies Southeast Regional Meeting.

Selected Edited Journals and Review Boards

Editor. (2001 - 2008). *Electronic Journal for the Integration of Technology in Education*

Reviewer. (2003 - present). *Journal of Technology and Teacher Education*. AACE Journal Review Board.

Reviewer. (2008 - present). *Journal for Computer Assisted Learning*.

Reviewer. (2004; 2005 - present). *Journal of Interactive Online Learning*.

Reviewer. (2008 - present). *Current Issues in Education*.

Reviewer. (2003). *View of the principal and the job*. The George Lucas Educational Foundation. Available from <http://www.glef.org/courseware/index.html>

Courses Taught

Idaho State University (Selected Courses: 2001- present)

EDUC 3311, Technology for Teachers
EDUC 3336, Social Studies Methods
EDUC 6601, Research and Writing
EDUC 6602, Theories of Learning
EDUC 6616, Integration of Technology into the School Curriculum
EDUC 6622, Measurement & Assessment
EDUC 6630/6631, Advanced Social Studies Methods
EDUC 6641, Advanced Curriculum Design
EDUC 6670/6671, Elementary/Secondary Seminar
EDUC 6649, Seminar in Education
EDLP 800, Seminar (1 credit)
EDLT 737, Practicum
EDUC/EDLT 6655, Fundamentals of Instructional Design
EDLP 7705, Advanced Research Design I (Qualitative)

Selected Professional Development Activities

Technology Workshop II, American United School, Kuwait City, Kuwait, January 2016
Webinar: Using Electronic White Boards to Promote Visual Learning, December, 2015
Technology Workshop I, American United School, Kuwait City, Kuwait, August 2015
Assessment Workshop I/II, Shoban Jr/Sr. High School, Fort Hall Indian Reservation, Fort Hall, ID, April 2015
Hit it Out of the Park, Technology Workshop, University of West Alabama, July 2014
Technology Workshop, American School of Puebla, Puebla, Mexico, 2003
Technology Workshop, American School of Sichuan, China, 2001
Technology Consulting, American School of Paris, Saint-Cloud, France, 2002
Technology Consulting, American School of Warsaw/American School of Krakow, Poland, 2000
Technology Workshop, American School of Rome, 1998