Kenneth J. Luterbach

Associate Professor

Department of Mathematics, Science, & Instructional Technology Education
College of Education
East Carolina University

East Carolina University
East Fifth Street
Flanagan 137, Mail Stop 566
Greenville, NC 27858

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305-710-4468 (cell)

EDUCATION

Doctor of Philosophy   Department of Instructional Systems Technology
July 1997   Indiana University
                             Bloomington, Indiana

Specialization   Instructional Systems Technology
Minor Field   Computer Science
Dissertation title   *Refining Instructional Design Theories: A Comparison of*
                            Constructivist Instructional Strategies for Teaching Computer Mastery

Master of Science   Department of Computer Science
June 1992   University of Calgary
                             Calgary, Alberta, Canada
Specialization   Program Visualization
Thesis title   *An Experimental Program Animation System*

Master of Arts   Department of Curriculum and Instruction
June 1988   University of Calgary
Specialization   Educational Technology
Thesis title   *A Comparison of Methods for Marking Straight*
                            Copy Typing Exercises

Bachelor of Science   Department of Computer Science
June 1985   University of Calgary
Senior Project   *Computer Rhythm Tools*

Bachelor of Education   Faculty of Education
June 1982   University of Calgary
Specialization   *Secondary Mathematics*

EMPLOYMENT

August 2015 – Present	**Associate Professor** College of Education, East Carolina University
August 2009	**Assistant Professor** College of Education, East Carolina University
August 2006	**Visiting Assistant Professor** College of Education, East Carolina University
August 2005	**Assistant Professor** College of Education, Florida Atlantic University
January 2002	**Assistant Professor** School of Education, Barry University
September 1996	**Instructor; Systems Analyst, Computer Programmer** School of Education, Indiana University
January 1994	**Graduate Assistant** School of Education, Indiana University
September 1989	**Laboratory Instructor** Department of Computer Science, University of Calgary
September 1988	**Teacher** Bishop Grandin High School Grades 11 & 12 Mathematics and Computing
September 1987	**Teacher** Bishop Carroll High School Grades 10, 11, & 12 Computing
September 1986	**Laboratory Instructor** Department of Curriculum and Instruction, University of Calgary EDCI 561/563/565 Instructional Design and Development classes
April 1985	**Teacher** Western Canada High School Grades 10, 11, & 12 Computing
January 1983	**Teacher** Sir John A. MacDonald Middle School Grades 6, 7, & 8 Mathematics

TEACHING

Courses Taught at East Carolina University

BITE 4700:   Website Design and Maintenance
EDTC 4001:   Technology in Education
EDTC 5010:   Computers in Education
EDTC 6010:   Introduction to Instructional Technology
EDTC 6020:   Principles of Instructional Design
EDTC 6025:   Analysis and Evaluation in Instructional Technology
DETC 6030:   Authoring Systems for Instructional Product Development
EDTC 6035:   Integrating Technology into the English/Language Arts, Social Studies, and Information Skills Curriculum
EDTC 6037:   Integrating Technology into the Math, Science, and Healthful Living Curricula
EDTC 6075:   Instructional Simulations and Games
EDTC 6125:   Performance Technology: Principles and Strategies
EDTC 6139:   Selection and Integration of Multimedia for PreK – 12 Schools
EDTC 6149:   Planning and Administration of School Technology Programs
EDTC 7125:   Training Systems Engineering

Courses Taught at other Universities

EME 4810: Applied Educational Technology
EME 6051: Theories and Models of Learning
EME 6409: Telecommunications: Applications in Education

ESE 5344:   Secondary Classroom Management
EME 2040   Introduction to Educational Technology

CS 340:   Java Programming for the Web
ECT 505:   Introduction to Computers/Technology in Education
ECT 607:   Design and Evaluation of Instructional Systems
ECT 653:   Telecommunications in Education
ECT 662:   Database Systems in Education
ECT 757:   Educational Technology and Change

EDUC R521: Instructional Design and Development
EDUC R541: Instructional Development and Production Processes
EDUC R561: Evaluation and Change in the Instructional Development Process
EDUC R685: Knowledge Management

Books

Luterbach, K. J. (2022). *Creating Stellar Lessons with Digital Tools: From Integration to Innovation in Technology-Enhanced Teaching*. Routledge.

Luterbach, K. J. (2018). *Designing and Developing Robust Instructional Apps*. Routledge.

Book Chapters

Rodriguez, D., Luterbach, K. J., & Espinosa de Gaitan, R. (2014). An Overview of Special education in Guatemala. In *Special Education International Perspectives* edited by A. F. Rotatori, J. P. Bakken, S. Burkhardt, F. E. Obiakor, and Umesh Sharma. Emerald Group Publishing: Bingley, UK.

Rodriguez, D. & Luterbach, K. J. (2010). Doctoral Programs in Special Education: What Can We Do to Recruit Culturally and Linguistically Diverse Students? In *Higher education and human capital: Re/thinking the doctorate in America*. D. Callejo, S. Fain, & J. Slater (Editors). Sense Publishers, B.V.

Articles in Peer-Reviewed Journals

Rodriguez, D., Luterbach, K. J., Woolf, S., & Peralta Rivera, S. (2020). Self-Acceptance of Adolescent Latino Students with Disabilities. *Journal of Hispanic Higher Education*. 45 (3), 1 – 14. https://doi.org/10.4148/0146-9282.2207

Luterbach, K. J., Xiao, W., Tang, H., & Chen, H. (2018). Reflections on World Education Day. *TechTrends 62* (2) ,143 – 145.

Sugar, W. & Luterbach, K. J. (2016). Using Critical Incidents of Instructional Design and Multimedia Production Activities to Investigate Instructional Designers' Current Practices and Roles. *Educational Technology Research and Development, 64*(2), 285 – 312.

Luterbach, K. J. & Hubbell, K. (2015). App Development Paradigms for Instructional Developers. *TechTrends, 59*(5), 31 – 39.

Luterbach, K. J. & Hubbell, K. R. (2015). Capitalizing on App Development Tools and Technologies. *TechTrends*, 59(4), 62 – 70.

Rodriguez, D., Luterbach, K. J., & Rocha-Peralta, J. (2014). Investigating Educational Aspirations of Latino/Mexican Adolescents with and without Learning Disabilities in Eastern North Carolina and Mexico. *Insights on Learning Disabilities: From Prevailing Theories to Validated Practices, 11* (1), 47 – 64.

Luterbach, K. J. (2013). Elegant Instruction. *Journal of Educational Technology Systems. 41* (2), 183-204.

Henry, G. T., Campbell, S. L., Thompson, C. L., Patriarca, L. A., Luterbach, K. J., Lys, D. B., Martin Covington, V. (2013). The Predictive Validity of Measures of Teacher Candidate Programs and Performance: Toward an Evidence-Based Approach to Teacher Preparation. *Journal of Teacher Education, 64* (5), 439-453.

Luterbach, K. J. (2012). Instructional Technologists Discovering, Sharing, Preparing. *TechTrends (56)* 6, 3-5.

Luterbach, K. J., Rodriguez, D., & Love, L. (2012). Toward Effective and Compelling Instruction for High School eCommerce Students: Results from a Small Field Study. *TechTrends (56)* 6, 59-63.

Luterbach, K. J. & Brown, C. (2011). Education for the 21st Century. *International Journal of Applied Educational Studies, 11*(1) 14-32.

Sugar, W., Brown, A., & Luterbach, K. J. (2010). Examining the anatomy of a screencast: Uncovering common elements and instructional strategies. *The International Review of Research in Open and Distance Learning*, *11*(3), 1-20.

Luterbach, K. J., Rodriguez, D., & Milling, S. (2010). A Comparison of Two Methods for Completing Sudoku Puzzles. *Spreadsheets in Education, 3*(3), 1-10.

Brown, A., Brown, C., Fine, B., Luterbach, K. J., Sugar, W., & Vinciguerra, D. C. (2009). Instructional Uses of Podcasting in Online Learning Environments: A Cooperative Inquiry Study. *Journal of Educational Technology Systems. 37* (4), 351 – 371.

Rodriguez, D., Espinosa de Gaitán, R., & Luterbach, K. J. (2008). Understanding the complexities of special education in Guatemala. *Journal of International Special Needs Education*, *11*, 31-38.

Articles in Professional Encyclopedia, Journals, Magazines

Luterbach, K. J. & Sugar, W. (2015). Integrated and Networked Mobile Devices for Learning and Instruction. *Encyclopedia of Educational Technology*.

Luterbach, K. J. (2013). Building Software Development Capacity to Advance the State of Educational Technology. *Educational Technology, 53* (2), 21–27.

Rodriguez, D. & Luterbach, K. J. (2010). Interpretations of Mathematics Word Problems by English Language Learners with Learning Disabilities. *The Border Walking Journal*, *8* (1), 52-60.

Luterbach, K. (2008). Can computers tutor students as effectively as teachers? Yes. *Learning and Leading with Technology*, *35*(6), 8-9.

Luterbach, K. J. & Rodriguez, D. (2007). Practicing pronunciation: Will Voice XML do for language learners what HTML did for collaborators? *EuroCALL Review,* 11.

Luterbach, K. J. (2005). From two opposing perspectives on instructional media come two views on the inseparability of instructional media and methods. *Educational Technology*, 45(4), 53-56.

Luterbach, K. J. (2005). On media and learning: When learners need instant feedback, only a computer can implement the requisite instructional method. *Educational Technology*, 45(2), 50-55.

Rodriguez, D., Perkins, S., Pelaez, G., & Luterbach, K. J. (2005). Linking Multiple Intelligences into the TESOL Curriculum through Technology. *Sunshine State TESOL Journal*, 4(1), 11-17

Luterbach, K. J. & Reigeluth, C. M. (1994). Response to Perelman. *Educational Technology*, 34(6), 56-57.

Luterbach, K. J. & Reigeluth, C. M. (1994). Schools Not Out, Yet. *Educational Technology*, 34(4), 47-54.

Proceedings

Luterbach, K. J. (2021). Technology Integration and Creativity. In E. Langran & L. Archambault (Eds.), *Proceedings of Society for Information Technology and Teacher Education Conference* (pp. 855 - 858). https://www.learntechlib.org/p/219227

Luterbach, K. J. (2020). A New Software Tool for Teachers to Create Instructional Apps. In D. Schmidt-Crawford (Ed.), *Proceedings of Society for Information Technology and Teacher Education Conference (pp. 11819 – 1824). https://www.learntechlib.org/primary/p/215958/*

Luterbach, K. J. (2019). Increasing Participation in Instructional App Development. In G. Marks (Ed.), *Proceedings of Global Learn 2019-Global Conference on Learning and Technology* (pp. 191-194). https://www.learntechlib.org/primary/p/210305/

Luterbach, K. J. (2013). Promoting Computational Thinking by Developing Apps for Mobile Devices. In Jan Herrington et al. (Eds.), *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications* (pp. 1817-1822). Chesapeake, VA: AACE.

Luterbach, K. J. (2013). Tools and Techniques for 21st Century Problem Solving that Challenge Conventional Conceptions of Information Literacy. In R. McBride & M. Searson (Eds.), *Proceedings of Society for Information Technology & Teacher Education* (pp. 4722-4726). Chesapeake, VA: AACE.

Luterbach, K. J. (2012). A Computer Tutor for Diagnosing Learner Errors in HTML Coding. *Proceedings of the Society for Information Technology & Teacher Education (SITE) Conference 2012*, Austin, Texas.

Luterbach, K. J. (2012). Universal Information and Communication Technology Skills for Contemporary Teachers. *Proceedings of the Society for Information Technology & Teacher Education (SITE) Conference 2012*, Austin, Texas.

Luterbach, K. J. (2011). Redesigning a Teacher Education Program by Critically Examining the Foundation of the Enterprise. *Proceedings of the Association of Educational Communications and Technology (AECT) Conference 2011*, Jacksonville, Florida.

Brown, A., Luterbach, K. J., & Sugar, W. (2009). The Current State of Screencast Technology and What is Known About its Instructional Effectiveness. *Proceedings of the Society for Information Technology & Teacher Education (SITE) Conference 2009*. Charleston, SC.

Luterbach, K. J. (2008). Investigating Conceptions of Computer Mastery and the Acquisition of Database Applications. *Proceedings of the North Carolina Association for Research in Education (NCARE) Conference*. New Bern, NC.

Luterbach, K. J. (2007). Creating and implementing conversational agents. *30th Annual Proceedings of the Association for Educational Communications and Technology, 2*, 259-264.

Luterbach, K. J. & Rodriguez, D. (March, 2006). Improving e-Learning Environments. *Proceedings of the 17th International Conference of the Society for Information Technology and Teacher Education,* 425-430, Orlando, Florida.
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Software

Luterbach, K. J. (1993). *Straight Copy Timing Tools.* Mississauga, Ontario: Copp-Clark-Pitman. (A drill-and-practice program for learning to type.)

GRANTS

2019. Cyberlearning for Work and Education. NSF. Not funded.

2009-2013 U.S. DOE Teacher Quality Partnership. Funded: $9,000,000

2006. National Science Foundation. Learning Technology. Not funded.

2005. Florida Atlantic University Seed Grant: Funded for $10,000.

SCHOLARLY PRESENTATIONS

Luterbach, K. J. (2022). Learning to Develop an Instructional Game in Interactive Python. *Society for Information Technology and Teacher Education*. San Diego, CA.

Luterbach, K. J. (2022). Developing Stellar Lessons: The Case of 3D Modeling. *North Carolina Technology in Education Society.*

Luterbach, K. J. (2021). Pushing Technology Integration toward Innovation. *Society for Information Technology and Teacher Education*.

Luterbach, K. J. (2021). Joy of Mapping: Leveraging Free Geographic Data and Free Digital Tools. *North Carolina Technology in Education Society*.

Luterbach, K. J. (2020). A New Software Tool for Teachers to Create Instructional Apps. *Society for Information Technology and Teacher Education*.

Luterbach, K. J. (2020). Improving Instructional Development Software. *Association for Educational Communications and Technology*.

Luterbach, K. J. (2020). Instructional App Design and Development: Is XCode Really a Viable Tool for Instructional Designers? *Association for Educational Communications and Technology*.

Luterbach, K. J. (2019). Increasing Participation in Instructional App Development. Global Learn. Princeton, NJ. *Association for the Advancement of Computing in Education.*

Luterbach, K. J. (2018). Instructional App Development for All People. *Association for Educational Communications and Technology*. Kansas City, KS.

Luterbach, K. J. (2018). Tools and Techniques for Instructional App Development. *Association for Educational Communications and Technology*. Kansas City, KS.

Luterbach, K, J. (2017). Creating Effective Instruction Amidst Oodles of Options for Instructional Developers. *Association for Educational Communications and Technology*. Jacksonville, FL.

Luterbach, K. J. (2017). App Development for Creative Expression and Problem Solving. *World Education Day* Dalian, China.

Luterbach, K. J. (2016). Towards Effective Machine Tutoring through Real-Time Dialog. *Association for Educational Communications and Technology*. Las Vegas, NV.

Luterbach, K. J. (2016). Two Production Paths for Developing Instructional Apps. *Association for Educational Communications and Technology*. Las Vegas, NV.

Rich, P., Sugar, W., & Luterbach, K. J. (2016). An Analysis of Multimedia Production Course Offerings in Instructional Design and Technology Graduate Programs. *Association for Educational Communications and Technology*. Las Vegas, NV.

Luterbach, K. J. (2015). Learning to Develop Instructional Apps. *Association for Educational Communications and Technology*. Indianapolis, IN.

Luterbach, K. J. (2015). Locating, Tracking, and Sharing Instructional Resources. *Association for Educational Communications and Technology*. Indianapolis, IN.

Luterbach, K. J. (2014). No More Mundane Instruction: Stories of Excellent Instruction Inform Instructional Design, Development, and Delivery. *Association for Educational Communications and Technology*. Jacksonville, FL.

Luterbach, K. J. (2014). Development and Implications of Instructional Apps. *Clinical Teacher Conference*.

Luterbach, K. J. (2014). Authoring Options for Creating Instruction. *Clinical Teacher Conference*.

Luterbach, K. J. & Hubbell, K. (2013). Comparing App Development Tools and Technologies: Selecting the Best Tool for You. *Association for Educational Communications and Technology*. Jacksonville, FL.

Luterbach, K. J. (2013). Global Standards for Information and Communication Technology Skills Reveal Need to Surpass Conventional Wisdom. *Association for Educational Communications and Technology*. Anaheim, California.

Luterbach, K. J. (2013). Elegant Instruction in Multiple Disciplines. *Association for Educational Communications and Technology*. Anaheim, California.

Sugar W. & Luterbach, K. J. (2013). Critical Incidents of Multimedia Production and Instructional Design Activities: Instructional Designers' Role in Everyday Practice. *Association for Educational Communications and Technology*. Anaheim, California.

Rich, P., Sugar W., Luterbach, K. J., Mayer, A., McPhillen, A. (2013). Examining Multimedia Production Course Offerings in Educational Technology Programs. *Association for Educational Communications and Technology*. Anaheim, California.

Luterbach, K. J. (2013). Promoting Computational Thinking by Developing Apps for Mobile Devices. World Conference on Educational Multimedia, Hypermedia and Telecommunications. Association for the Advancement of Computing in Education. Victoria, British Columbia.

Luterbach, K. J. (2013). Tools and Techniques for 21st Century Problem Solving that Challenge Conventional Conceptions of Information Literacy. *Society for Information Technology & Teacher Education*. New Orleans, LA.

Luterbach, K. J. (2012). Creating Elegant Instruction. *Association for Educational Communications and Technology*, Louisville, Kentucky.

Luterbach, K. J. (2012). A Call for Unification and Collaboration among Instructional Software Developers. *Association for Educational Communications and Technology*, Louisville, Kentucky.

Rodriguez, D., Luterbach, K. J., Kea, K., Trent, S. C., and Campbell-Brown, G. (2012) *Investigating Educational Aspirations of Latino/Mexican Adolescents in Eastern North Carolina and Mexico*. American Educational Research Association. Vancouver, British Columbia.

Luterbach, K. J. (2012). A Computer Tutor for Diagnosing Learner Errors in HTML Coding. *Society for Information Technology & Teacher Education*, Austin, Texas.

Luterbach, K. J. (2012). Universal Information and Communication Technology Skills for Contemporary Teachers. *Society for Information Technology & Teacher Education (SITE) Conference 2012*, Austin, Texas.

Luterbach, K. J. (2011). Redesigning a Teacher Education Program by Critically Examining the Foundation of the Enterprise. *Association for Educational Communications and Technology*, Jacksonville, Florida.

Luterbach, K. J. & Rodriguez, D. (2011). Improving Teacher Education Programs by Expanding Evaluation Efforts. *American Association for Colleges of Teacher Education (AACTE)*, San Diego, California.

Luterbach, K. J. & Rodriguez, D. (2010). A Comparison of Two Methods for Solving Sudoku Puzzles. *Association for Educational Communications and Technology*, Anaheim, California.

Luterbach, K. J. & Rodriguez, D. (2010). Information and Communication Technology Skills Necessary for Literacy. *Mary Lois Staton Reading/Language Arts Conference*, Greenville, North Carolina.

Luterbach, K. J. & Rodriguez, D. (2009). Crawling the Web in Search of Instructional Technology Programs. *Association for Educational Communications and Technology*, Louisville, Kentucky.

Sugar, W., Brown, A., & Luterbach, K. J. (2009). Examining the Instructional Effectiveness of Screencasting: Best Practices and Guidelines for Online Instructors. *Association for Educational Communications and Technology*, Louisville, Kentucky.

Brown, A., Luterbach, K. J., & Sugar, W. (2009). Screencasting: How and Why. *Think-In 2009*, Greenville, North Carolina.

Brown, A., Luterbach, K. J., & Sugar, W. (2009). The Current State of Screencast Technology and What is Known About its Instructional Effectiveness. *Annual Conference of the Society for Information Technology and Teacher Education.* Charleston, SC.

Luterbach, K. J., Brown, A., & Sugar, W. (2009). Effective screencasts for maximum learning at a distance. *University of North Carolina Teaching and Learning with Technology Conference.*

Luterbach, K. J. & Brown, C. A. (2008). Capitalizing on the Shift Towards 21st Century Skills. *The Association for Educational Communication and Technology Annual International Convention.* Orlando, FL.

Brown, A., Sugar, W., Brown, C., Luterbach, K. J., Blair, H., & Fine, B. (2008). Podcasting to Enhance Online Learning. *The Association for Educational Communication and Technology Annual International Convention.* Orlando, FL.

Brown, A., Sugar, W., & Luterbach, K. J. (2008). Screencasting Production and Delivery: Best (and Worst) Practices. *Annual Meeting of the North Carolina Distance Learning Association,* New Bern, NC.

Brown, A., Sugar, W., Vinciguerra, D., White, L, Luterbach, K. J., Valentine, P., Blair, H., Marson, B., Jones, J., Fine, B., Cherry, K., & Brown, C. (2008). The Podcasting Research Group at East Carolina University: Adding Voice and Video to Distance Education. *UNC Teaching and Learning with Technology Conference*, Raleigh, NC.

Luterbach, K. J. (2008). Investigating Conceptions of Computer Mastery and the Acquisition of Database Skills. *Annual Meeting of the North Carolina Association for Research in Education*. New Bern, NC.

Luterbach, K. J. (2007). Instructional Technologies for the Information Era. *Invited speaker at the Instituto Técnico de Capacitación y Productividad*. Guatemala City, Guatemala.

Luterbach, K. J. (2007). Creating and Implementing Conversational Agents. *The Association for Educational Communication and Technology Annual Convention.* Anaheim, CA.

Brown, A., Luterbach, K. J., and Blair, H. (2007). Reading in the 21st Century: The Challenges of Modern Media*. Presented at the National Educational Computing Conference (NECC),* Atlanta, GA.

Brown, A., Luterbach, K. J., & Blair, H. (2007). Reading and Literacy in the 21st Century. *Invited speakers at the School of Education, Barton College.* Wilson, NC.

Brown, A., Blair, H., & Luterbach, K. J. (2007). Reading in the 21st Century: Literacy in the Information Age. Mary *Lois Staton Reading/Language Arts Conference*. Greenville, NC.

Brown, C., Sugar, W., Luterbach, K. J., & Eash, R. (2006). What Do Pre-service Teachers Know About 21st Century Information and Communication Technology (ICT) Skills? *The Association for Educational Communication and Technology.* Dallas, TX.

Luterbach, K. J. & Rodriguez, D. (September, 2006). Applications of Voice XML. *The European Association for Computer Assisted Language Learning.* Granada, Spain.

Luterbach, K. J. & Rodriguez, D. (March, 2006). Improving e-Learning Environments. *The 17th International Conference of the Society for Information Technology and Teacher Education.* Orlando, Florida.

Luterbach, K. J. (April, 2005). A Comparison of Three Instructional Strategies for Teaching Computer Mastery. *American Educational Research Association*. Montreal, Quebec, Canada.

Luterbach, K. J. (November, 2003). Creating High Quality Human-Computer Interfaces. *The Association for the Teaching of English to Speakers of Other Languages*. San Juan, Puerto Rico.

Schreiber, J. & Luterbach, K. J. (April, 2002). Doctoral Milestone Attainment and the Graduate Record Exam. A*merican Educational Research Association*. New Orleans, LA.

Luterbach, K. J. (November, 2000). Toward Digital Bliss: Integrating Centralized and Decentralized Systems. *WebDevShare, sponsored by Indiana University*. Bloomington, Indiana.

Luterbach, K. J. & Evans, M. (October, 2000). Merging Theories and Negotiating Changes. *The Association of Educational Communications and Technology*. Denver, Colorado.

Luterbach, K. J. (May, 1997). Sybase and Cyberspace. *The National Association of Graduate Admissions Professionals*. Orlando, Florida.

Luterbach, K. J. (February, 1994). Electronic Classrooms for Cooperative Learning. *The Association for Educational Communications and Technology*. Nashville, Tennessee.

Luterbach, K. J. (February, 1991). Software for Scoring Straight Copy Typing Exercises. *The South-Western Alberta Teachers' Convention*. Lethbridge, Alberta.

Luterbach, K. J. (November, 1990). Marking Straight Copy Typing Exercises. *The Southern Alberta Business Education Association*. Calgary, Alberta.

SERVICE

At East Carolina University

- ECU Distance Education and Learning Technologies Committee
- ECU Appellate Committee
- ECU Planning Committee
- COE Assessment and Accreditation Committee
- COE Dean's Advisory Council
- COE Planning Committee
- Unit Assessment Coordinator
- Chair, Department Website Committee
- Chair, Curriculum Committee
- Portfolio Coordinator, M.S. in Instructional Technology
- Personnel Committee

Professional Organizations

- Co-Chair, Games and Simulations SIG, Society for Information Technology and Teacher Education
- Guest Editor, TechTrends
- Reviewer for *Tech Trends, Journal of Technology and Teacher Education, Journal of Multilingual Education Research, and AECT and SITE Conferences*

HONORS AND AWARDS

Excellence in Distance Learning Teaching Award from the North Carolina Distance Learning Association (2008).

Curling official at the Fifteenth Olympic Winter Games (1988, Calgary)

PROFESSIONAL ASSOCIATION MEMBERSHIP

Association for Educational Communications and Technology
Association for the Advancement of Computers in Education
Society for Information Technology and Teacher Education
North Carolina Technology in Education Society