

MICHAEL M. GRANT

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EDUCATION

Ph.D. in Instructional Technology, August 2002

University of Georgia, Athens, GA

Cognate: Educational Psychology

Masters of Industrial Education with Concentration in Vocational-Technical Education, August 1996

Clemson University, Clemson, SC

B.S. in Graphic Communications Cum Laud, August 1994

Clemson University, Clemson, SC

*Minor Concentration in Industrial/Technology Education with requirements for South Carolina Trade and Industry
Grades 9–12 Teaching Certification in Graphic Communications*

ACADEMIC EXPERIENCE

Assistant Professor, Educational Technology, Educational Studies Department August 2014–Present

University of South Carolina, Columbia, SC

Teaching responsibilities include:

- EDET 652: Design & Evaluation of Games and Simulations (online)
- EDET 709: Applications of Learning Principles (online)
- EDET 722: Instructional Design & Assessment (online)
- EDET 780: Research in Educational Technology (online)
- EDCS 812: Principles of Action Research (online)
- EDCS 813: Advanced Action Research (online)

Program responsibilities include:

- Coordinating M.Ed. in Educational Technology & Ed.D. in Curriculum & Instruction – Educational Technology concentration programs (2014-present).
- Growing programs & updating curricula.
- Advising doctoral and Masters students.
- Developing new courses & programs.

Associate Professor, Instruction and Curriculum Leadership Department August 2008–July 2014

University of Memphis, Memphis, TN

Teaching responsibilities include:

- IDT 3600: Technology in Education
- IDT 7060/8060: Technology Tools to Support Learning
- IDT 7061: Computers, Technology, Learners & the Curriculum (online)
- IDT 7063: Seminar in Instructional Computing (online)
- IDT 7064/8064: School Change & the Internet (face to face, online)
- IDT 7074/8074: Theories and Models of Instructional Design (face to face, hybrid & online)
- IDT 7080/8080: Instructional Design Process II (online)
- IDT 7095/8095: Interactive Learning Environments II (face to face, hybrid & online)
- IDT 8500: Evaluation & Synthesis of Research
- IDT 8600: Seminar in IDT Research

Assistant Professor, Instruction and Curriculum Leadership Department August 2002–July 2008

University of Memphis, Memphis, TN

Teaching responsibilities include:

- IDT 7052/8052: Instructional Technology and the Learner (face to face, online)
- IDT 7062/8062: Authoring Instructional Courseware
- IDT 7072/8072: Seminar in Web-based Instruction (face to face & hybrid)
- IDT 7090/8090: Interactive Learning Environments I

- IDT 7810/8810: Practicum in ID&T

Program responsibilities include:

- Chairing and serving on dissertation committees.
- Supervising specialist culminating projects.
- Advising doctoral and Masters students.
- Creating new courses.
- Cultivating external partnerships.
- Advising Instructional Design & Technology Graduate Student Association (2002-2007).
- Editing weekly program newsletter, *The Green Sheet* (2002-2003).

Research Assistant, Department of Instructional Technology

August 2000–July 2002

University of Georgia, Athens, GA

Responsibilities included:

- Developing and revising interview protocols and data collection instruments for faculty and students.
- Leading focus group interviews with faculty and students.
- Conducting frequent classroom observations.
- Contributing to data analysis and documenting evaluation activities.
- Disseminating research results through scholarly writings and presentations.

Teaching Assistant, Department of Instructional Technology

August 1999–May 2002

University of Georgia, Athens, GA

Teaching responsibilities included:

- Teaching undergraduate technology integration courses for preservice teachers (Fall 1999; Spring 2000).
- Facilitating student success in a cross-platform laboratory environment.
- Assisting course instruction for EDIT 6190, multimedia tools development (Summer 2001).
- Collaborating with the development and web-based delivery of EDIT 6400: Emergent Theories of Learning and Technology (Spring 2002).

Instructor, Department of Graphic Communications

August 1996–June 1999

Clemson University, Clemson, SC

Teaching responsibilities included:

- Lead Instructor for GC 215: Photographic and Digital Imaging Techniques with duties listed below in *Teaching Assistant*, plus
- Laboratory instructor for GC 440/640: Advanced Offset Lithography (1997–1999).
- Instructor for Clemson Scholars Program for high school students (Summer 1997).
- Laboratory instructor for GC 310: Alternative Approaches to Imaging (Fall 1996; Fall 1998).

Departmental responsibilities also included:

- Academic advising for undergraduate students.
- Contributing to external services to industry and community efforts.
- Improving the laboratory experiences through grants, industry contributions, and guest lecturers.
- Researching and contributing to the development and redesign of laboratory computer network.
- Maintaining the computer workstations, software, and network, plus participating in the university-wide technology support certification program.
- Participating in Xerox sales force training (Xerox Training Consortium).
- Presenting programs/breakout sessions during industry service events and symposia.

- Teaching Assistant, Graphic Communications Laboratory** **August 1995–August 1996**
Clemson University, Clemson, SC
Teaching responsibilities included:
- Lead instructor for GC 215: Photographic and Digital Imaging Techniques in both laboratory assignments and lectures.
 - Updating existing course curriculum to meet current curriculum and technology needs.
 - Managing photographic studio and laboratory.
- Laboratory Assistant, Graphic Communications Laboratory** **August 1994–May 1995**
Clemson University, Clemson, SC
Teaching responsibilities included:
- Assisting professors and instructors with student laboratory requirements at various levels.
 - Facilitating students through paths for successful completion of laboratory projects.
 - Calibrating equipment to individual processes.
 - Introducing students to current software applications.
 - Promoting safety and respect for machinery.
- Student Teaching, Hamilton Career Center, Seneca, SC** **Spring 1994**
Teaching responsibilities included:
- Preparing daily lesson plans and developing a curriculum for Desktop Publishing.
 - Evaluating student progress and issuing current grade reports.
 - Coordinating class field trips to industry sites.
 - Completing South Carolina Assessment in Performance Teaching (APT) requirements.
- Intern/Electronic Prepress Trainer, Cadmus Charlotte/Washburn Graphics** **Summer 1995**
Charlotte, NC
Responsibilities included:
- Assessing training needs within Desktop Publishing department.
 - Designing & developing all curriculum and support materials for training.
 - Delivering training to Prepress shift supervisors daily.
 - Performing production work on as needed basis and during crisis times.
 - Developing benchmark test for RIP and large format imagesetter.
- Technical Training Intern, Percy Kent Bag Company, Kansas City, MO** **Summer 1992**
Responsibilities included:
- Reformatting training modules for internal training programs.
 - Designing & developing training modules for workplace education on Introduction to Printing and Packaging, Press Types, and Basic Color Theory.
- Typographer's Assistant, Custom Typography, Walhalla, SC** **August 1989–August 1990**
Responsibilities included:
- Performing layout, design, copy prep, and paste-ups.
 - Running Compugraphic Editwriter 7700 with knowledge of typographical conventions.
 - Executing customer service, deliveries, and office maintenance.

INDUSTRIAL EXPERIENCE

PUBLICATIONS

Peer-reviewed Journal Articles

- Bull, G., Garofalo, J., Littman, M., Sherman, R. Hoffman, M., Grant, M.M., & Grier, A. (in press). Make to learn: Invention through emulation. *Smart Learning Environments*, 4(8), 1-18. <https://doi.org/10.1186/s40561-017-0047-5>
- Barbour, M., Grzebyk, T.Q., Grant, M. M., Siko, J. (2017). iPads for teachers? The challenges of integrating mobile technology in the classroom. *Journal on School Educational Technology*, 12(3), 22-33.
- Tamim, S.R. & Grant, M.M. (2017). Exploring instructional strategies and learning theoretical foundations of ehealth

- and mhealth education interventions. *Health Promotion Practice*, 18(1), 127-139.
- Gonzalez, M.L., Melgar, M., Homsí, M., Shuler, A., Antillon-Klussmann, F., Matheu, L., Ramirez, M., Grant, M.M., Lowther, D.L., Relyea, G., Caniza, M.A. (2016). Measuring readiness for and satisfaction with a hand hygiene e-learning course among healthcare workers in a paediatric oncology centre in Guatemala City. *International Journal of Infection Control*, 12(4). <http://dx.doi.org/10.3396/ijic.v12i4.16072>
- Tamim, S.R. & Grant, M.M. (2016). Exploring how health professionals create ehealth and mhealth education interventions. *Educational Technology Research & Development*, 64(6), 1053-1081. doi: 10.1007/s11423-016-9447-4
- Grant, M. M., Tamim, S. R., Brown, D. B., Sweeney, J. P., Ferguson, F. K., & Jones, L. B. (2015). Teaching and learning with mobile computing devices: Case study in K-12 classrooms. *TechTrends*, 59(4), 32-45. <http://doi.org/10.1007/s11528-015-0869-3>
- Gikas, J. & Grant, M. M. (2013). Mobile computing devices in higher education: Student perspectives on learning with cellphones, smartphones & social media. *The Internet and Higher Education*, 19, 18-26. <http://dx.doi.org/10.1016/j.iheduc.2013.06.002>
- Tamim, S.R. & Grant, M.M. (2013). Definitions and uses: Case study of teachers implementing project-based learning. *Interdisciplinary Journal of Problem-based Learning*, 7(2). <http://dx.doi.org/10.7771/1541-5015.1323>
- Cheon, J.P. & Grant, M.M. (2012). The effects of metaphorical interface on germane cognitive load in web-based instruction. *Educational Technology Research & Development*, 60(3), 399 - 420.
- Cheon, J.P. & Grant, M. M. (2012). Examining the relationships of different cognitive load types related to user interface in web-based instruction. *Journal of Interactive Learning Research*, 23(1), 27-55.
- Grant, M.M. (2011). Learning, beliefs, and products: Students' perspectives with project-based learning. *Interdisciplinary Journal of Problem-based Learning*, 5(2), 37-69. <http://dx.doi.org/10.7771/1541-5015.1254>
- Qualls, J.A., Grant, M.M., & Sherrell, L.B. (2011). CS1 students' understanding of computational thinking concepts. *Journal of Computing Sciences in Colleges*, 26(5), 62-71. Available at: <http://dl.acm.org/citation.cfm?id=1961590&CFID=80148771&CFTOKEN=81307750>
- Lucey, T.A., & Grant, M.M. (2010). Using technology to prepare critically thinking global citizens. *Social Studies Research & Practice*, 5(3). Available at http://www.socstrpr.org/?page_id=1112
- Inan, F., Flores, R., & Grant, M.M. (2010). Perspectives on the design and evaluation of adaptive Web based learning environments. *Contemporary Educational Technology*, 1(2), 148 -159.
- Cheon, J.P. & Grant, M.M. (2009). Active listening: Web-based assessment tool for communication and active listening skill development. *TechTrends*, 53(6), 24-32.
- Inan, F. A., Yukselturk, E., & Grant, M. M. (2009). Profiling potential dropout students by individual characteristics in an online certificate program. *International Journal of Instructional Media*, 36(2), 163-176.
- Lucey, T.A. & Grant, M.M. (2009). Ethical issues in instructional technology: An exploratory framework. *Multicultural Education & Technology*, 3(3), 196-212.
- Cheon, J.P., & Grant, M. M. (2009). Are pretty interfaces worth the time? The effects of user interface types on Web-based instruction. *Journal of Interactive Learning Research*, 20(1), 5-33.
- Grant, M. M., & Cheon, J.P. (2007). The value of using synchronous conferencing for instruction and students. *Journal of Interactive Online Learning*, 6(3). Available online at <http://www.ncolr.org/issues/jiol/v6/n3/the-value-of-using-synchronous-conferencing-for-instruction-and-students>
- Lucey, T. A., Grant, M. M., Giannangelo, D.M., Heath, J. A., & Hawkins, J.M. (2006). Influences interpreting a technology component to financial education for Grades K-4: Another dimension of the digital divide. *Citizenship, Social, and Economics Education: An International Journal*, 7(1), 42-55.
- Grant, M.M., & Branch, R.M. (2005). Project-based learning in a middle school: Tracing abilities through the artifacts of learning. *Journal of Research on Technology in Education*, 38(1), 65-98.
- Grant, M.M., Ross, S.M., Wang, W., & Potter, A. (2005). Computers on wheels (COWS): An alternative to 'each one has one'. *British Journal of Educational Technology*, 36(6), 1017-1034.
- Robertson, J.S., Grant, M.M. & Jackson, L. (2005). Is online instruction perceived as effective as campus instruction by graduate students in education? *The Internet and Higher Education*, (8)1, 73-86.
- Grant, M.M. (2004). Learning to teach with the Web: Factors influencing teacher education faculty. *Internet and*

Higher Education, 7(4), 329-341.

Nanjappa, A., & Grant, M.M. (2003, Spring). Constructing on constructivism: The role of technology. *Electronic Journal for the Integration of Technology in Education*, 2(1). Available at <http://ejite.isu.edu/Volume2No1/Nanjappa.htm>

Schrum, L., Skeele, R., & Grant, M. (2002-2003, Winter). One college of education's effort to infuse technology: A systematic approach to revisioning teaching and learning. *Journal of Research on Technology in Education*, 35(2), 256-271.

Grant, M.M. (2002, Winter). Getting a grip on project-based learning: Theory, cases and recommendations. *Meridian: A Middle School Computer Technologies Journal*, 5. Available at <http://www.ncsu.edu/meridian/win2002/514/index.html>

Book Chapters

Grant, M.M. & Tamim, S.R. (in press). PBL in K-12 education. In M. Maollem, W. Hung, & N. Dabbagh (Eds.) *Wiley handbook of PBL*. Wiley Blackwell.

Grant, M. M. & Glazewski, K. (2017). What's missing, what's needed: Future research directions with PBL in K-12 and teacher education from the IJPBL editors. In T. Brush and J. Saye (Eds.) *PBL in K-12 and teacher education* (pp. 275-292). West Lafayette, IN: Purdue Press.

Grant, M.M. (2015). Using mobile devices to support formal, informal & semi-formal learning: Uses and implications for teaching & learning. In X. Ge, M. Spector & D. Ifenthaler (Eds.), *Full steam ahead: Emerging technologies for STEAM* (pp. 157-178). New York, NY: Springer.

Grant, MM. & Hsu, Y-C. (2014). Making personal and professional learning mobile: Blending mobile devices, social media, social networks, and mobile apps to support PLEs, PLNs, & ProLNs. In A.V. Stavros (Ed.) *Advances in communications and media research, Volume 10* (pp. 27-46). New York: Nova Science Publishers.

Grant, M.M., Lowther, D.L., & Ross, S.M. (2014). Case study 6: Tina Sears: Evaluating the impact of a K-12 laptop program and Instructor's guide. In P.A. Ertmer, J.A. Quinn, & K.D. Glazewski (Eds.) *The ID casebook: Case studies in instructional design* (4th ed.) (pp. 63-71). Upper Saddle River, NJ: Merrill Prentice Hall.

Grant, M.M. & Barbour, M.K. (2013). Mobile teaching and learning in the classroom and online: Case studies in K-12. In Z. Berge & L. Muilenburg (Eds.), *Handbook of mobile learning* (pp. 285-292). New York, NY: Routledge.

Polly, D., Grant, M.M., & Gikas, J. (2011). Supporting technology integration in higher education: The role of professional development. In D. Surry, T. Stefurak, & R. Gray (eds.), *Technology integration in higher education: Social and organizational aspects* (pp. 58-71). Hershey, PA: IGI Global. doi:10.4018/978-1-60960-147-8.ch005

Grant, M.M. & Mims, C. (2009). Web 2.0 in teacher education: Characteristics, implications and limitations. In T. Kidd and I. Chen (Eds.) *Wired for learning: An educators guide to Web 2.0* (pp. 343-360). Charlotte, NC: Information Age Publishing.

Grant, M.M. & Mims, C. (2009). Technology integration in early childhood and primary classrooms: Access, use & pedagogy remain critical components to success. In S. Taylor and S. Blake (Eds.) *Technology for early childhood education and socialization: Developmental applications and methodologies* (pp. 162-176). Hershey, PA: Information Science Reference.

Mims, C., Polly, D., & Grant, M.M. (2009). Technology integration in K-12. In M. K. Barbour & M. Orey (Eds.), *The Foundations of Instructional Technology*. Available at http://itfoundations.coe.uga.edu/index.php?title=Technology_Integration_in_K-12

Rieber, L.P., Davis, J.M., Matzko, M.J., & Grant, M.M. (2009). Children as critics of educational computer games designed by other children. In R.E. Ferdig (Ed) *Handbook of research on effective electronic gaming in education*. Hershey, PA: Information Science Reference.

Lucey, T.A. & Grant, M.M. (2007). Beyond boxes and wires: Considering social, cultural and educational dimensions to the digital divide. In T. Kidd (Ed.) *Handbook of research on instructional systems & technology*. Hershey, PA: Idea Group Publishing.

Inan, F.A. & Grant, M.M. (2007). Individualized Web-based instruction: Strategies and guidelines for instructional designers. In T. Kidd (Ed.) *Handbook of research on instructional systems & technology*. Hershey, PA: Idea Group Publishing.

Grant, M.M., Lowther, D.L., & Ross, S.M. (2007). "Case study 7: Tina Sears" and Instructor's guide. In P. Ertmer & J. Quinn (Eds.) *The ID casebook: Case studies in instructional design* (3rd ed.) (pp. 57-66). Upper Saddle River, NJ:

Merrill Prentice Hall.

Grant, M.M., & Hill, J.R. (2006). Weighing the rewards with the risks? Implementing student-centered pedagogy within high-stakes testing. In R. Lambert & C. McCarthy (Eds.) *Understanding teacher stress in the age of accountability* (pp. 19-42). Greenwich, CT: Information Age Publishing.

Hill, J.R., Reeves, T.C., Grant, M.M., Wang, S.K., & Hans, S. (2005). Learning in a wireless environment: The successes and challenges of ubiquitous computing in a school. In C. Vrasidas & G.V. Glass (Eds.) *Preparing teachers to teach with technology, volume II* (pp. 65-80). Greenwich, CT: Information Age Publishing.

Anderson, R.S., Grant, M.M. & Speck, B.W. (2008). *Technology to teach literacy: A resource for K-8 teachers*. Upper Saddle River, NJ: Merrill Prentice Hall.

Lowther, D.L., Grant, M.M., Marvin, E.D., Inan, F.A., Cheon, J., & Clark, F. (2004). *Teacher's technology handbook: A resource to support effective technology integration*. Memphis, TN: Appalachian Technology in Education Consortium at the University of Memphis.

Lowther, D.L., Grant, M.M., Marvin, E., Clark, F., & Burr-McNeil, B. (2003). *Technology coach handbook: A resource to support effective technology integration*. Memphis, TN: Appalachian Technology in Education Consortium at the University of Memphis.

Grant, M.M. (2003, October). *Supporting technology integration onsite: Theory, cases and lessons learned*. (Policy and Planning Series, Report #106). Alexandria, VA: The Appalachian Technology in Education Consortium.

Hodges, C., Lowenthal, P. & Grant, M. (2016). Teacher professional development in the digital age: Design considerations for MOOCs for teachers. In *Proceedings of Society for Information Technology & Teacher Education International Conference 2016* (pp. 2075-2081). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE). Available at <https://www.learntechlib.org/p/171978/>

Hodges, C., & Grant, M. (2015). Theories to support you: Purposeful use of learning management system features. In T. Bastiaens & G. Marks (Eds.) *Proceedings of Global Learn: Global Conference on Learning and Technology 2015* (pp. 481-486). Chesapeake, VA: AACE.

Hodges, C., Grant, M. & Polly, D. (2013). Beyond one-shot workshops: Three approaches to STEM teacher professional development. In *Proceedings of Society for Information Technology & Teacher Education International Conference 2013* (pp. 4795-4800). Chesapeake, VA: AACE.

Qualls, J.A., Grant, M.M., & Sherrell, L.B. (2011). CS1 students' understanding of computational thinking concepts. In J. Meinke (Ed.) *The Journal of Computing Sciences in Colleges Papers of the Ninth Annual CCSC Mid-South Conference* (pp. 62-71). Chicago: Consortium for Computing Sciences in Colleges.

Cheon, J. & Grant, M.M. (2006). Developing learning content markup language (LCML) for personalized instruction in the adaptive learning system. In M.R. Simonson (Ed.), *29th Annual proceedings of the Association for Educational Communications and Technology, volume II* (pp. 47-50). North Miami Beach, FL: Nova Southeastern University.

Clifford, A.C. & Grant, M.M. (2006). Connecting preparation to practice: Student teachers' uses of technology and their cooperating teachers' impact. In M.R. Simonson (Ed.), *29th Annual proceedings of the Association for Educational Communications and Technology, volume I* (pp. 56-66). North Miami Beach, FL: Nova Southeastern University.

Cheon, J.P. & Grant, M.M. (2005). Design of individualized instruction with learning object using case-based reasoning in WBI. In M. Simonson & M. Crawford (Eds.), *27th Annual proceedings of the Association for Educational Communications and Technology, volume II* (pp. 152-154). North Miami Beach, FL: Nova Southeastern University.

Grant, M.M., Ross, S.M., Wang, W., Potter, A., & Wilson, Y. (2004). A modified laptop program: Putting the carts in the classrooms. In M. Simonson & M. Crawford (Eds.), *27th Annual proceedings of the Association for Educational Communications and Technology* (pp. 319-327). North Miami Beach, FL: Nova Southeastern University.

Grant, M.M., Branch, R.M., & Hill, J.R. (2003, June). Individual differences and learning artifacts: A case study in eighth grade geography. *Proceedings of ED-MEDIA 2003*, 2103-2110.

Hill, J.R., Reeves, T.C., Grant, M.M., Wang, S.K., & Han, S. (2003, June). Portable technologies in teaching and learning: An on-going evaluation. *Proceedings of ED-MEDIA 2003*, 1719-1722.

Grant, M.M. & Branch, R.M. (2000). Performance differences between serif fonts and sans serif fonts in an on-screen reading task. *Selected proceedings of the International Visual Literacy Association*.

Books & Monographs

Conference Proceedings

**Invited &
Non-peer
Reviewed
Publications
Magazine &
Training
Publications**

- Burrows, A.C., Garofalo, J., Barbato, S., Christensen, R., Grant, M., Kinshuk, Parrish, J., Thomas, C., & Tyler-Wood, T. (2017). Editorial. *CITE Journal Science Education*. <http://www.citejournal.org/volume-17/issue-4-17/science/editorial-cite-journal-science-education-3-0/>
- Grant, M.M. (2003, September-October). Finding your place in a student-centered classroom as a teacher-facilitator. *Agricultural Education Magazine*, 76(2), 18-19.
- Grant, M.M. (1998, Spring). Be a rebel. *The IGAEA Newsletter*, 31, 8.
- Grant, M.M. (1997, Summer). The power of technology, the prestige of tradition: The department of graphic communications at Clemson University. *The Southeastern Bulletin*, 31, 1-8.
- Xerox Graphic Arts Training Consortium. (1997, April). *Passport to Print*. Pittsburgh, PA: Author.

**Manuscripts
in Preparation**

- Grant, M. M. (in revision). Critically analyzing mobile learning research: Definitions, design characteristics, properties, and implications. *Educational Technology Research & Development*.
- Grant, M.M., Adams, J. & Roberts, E. (in preparation). K-12 online students' uses and perceptions of mobile computing devices.

**Conference
Presentations**

- Grant, M.M. & Tamim, S.R. (2017, November 9). *Evolving an online EdD: Strengths, challenges & lessons learned*. Roundtable presented at the annual meeting of the Association for Educational Communications and Technology, Jacksonville, FL.
- Spector, J.M., Persichitte, K., Grant, M.M., Hodges, C.M., & Slykhuis, D.A. (2017, November 9). *National Technology Leadership Summit (NTLS) panel*. Panel presented at the annual meeting of the Association for Educational Communications and Technology, Jacksonville, FL.
- Grant, M.M. & Hodges, C.B. (2016, April 6). Tried & tested: More grounded pedagogies for online & blended courses. Paper presented at the 21st annual Cengage Learning Computing Conference, Orlando, FL. Slides available at <http://www.slideshare.net/msquareg/tried-testedmore-grounded-pedagogies-for-online-blended-courses>
- Hodges, C.B., Lowenthal, P., & Grant, M.M. (2016, March 24). Teacher professional development in the digital age: Design considerations for MOOCs for teachers. Paper presented at the Society for Information Technology and Teacher Education conference, Savannah, GA. Slides available at <http://www.slideshare.net/hodgesc/teacher-professional-development-in-the-digital-age-design-considerations-for-moocs-for-teachers>
- Grant, M.M., Hodges, C.B., & Shepherd, C. (2015, November 4). *Teaching & integrating games and gamification*. Panel session presented at the annual meeting of the Association for Educational Communications & Technology, Indianapolis, IN.
- Grant, M.M. (2015, August 22). *Arrogance or apathy: The need for formative evaluation + current and emerging strategies*. Paper presented at the IDD@UGA conference, University of Georgia, Athens, GA. Slides available at <http://www.slideshare.net/msquareg/arrogance-or-apaty-the-need-for-formative-evaluation-current-emerging-strategies>
- Hodges, C.B. & Grant, M.M. (2015, April 16-17). *Theories to support you: Purposeful use of learning management system features*. Paper virtually presented at the annual meeting of Global Learn - Global Conference on Learning and Technology, Berlin, Germany.
- Grant, M.M. (2015, March 18-20). *Sound pedagogies online in blended, synchronous & asynchronous courses*. Paper presented at the 20th annual Cengage Learning Computing Conference, Phoenix, AZ. Slides available at <http://www.slideshare.net/msquareg/sound-pedagogies-online-in-blended-synchronous-asynchronous-courses>
- Grant, M.M. & Asino, T. (2014, November 7). *Walking the walk or just talk? An exploration of faculty members' student-centeredness in the field of instructional design & technology*. Roundtable presented at the annual meeting of the Association for Educational Communications & Technology, Jacksonville, FL.
- Grant, M.M. (2014, April 7). *Definitions and indefinite: A critical examination of mobile learning and implications for use*,

- research & instructional design*. Paper presented at the annual meeting of the American Educational Research Association, Philadelphia, PA.
- Tamim, S.R. & Grant, M.M. (2014, April 6). *Exploring health education strategies and theoretical foundations of ehealth and mhealth education interventions*. Paper presented at the annual meeting of the American Educational Research Association, Philadelphia, PA.
- Tamim, S.R. & Grant, M.M. (2013, November 2). *An exploration of how health professionals create ehealth and mhealth education interventions*. Paper presented at the annual meeting of the Association for Educational Communications & Technology, Anaheim, CA.
- Hodges, C., Grant, M.M. & Polly, D. (2013, March 29). *Beyond one-shot workshops: Three approaches to STEM teacher professional development*. Paper presented at the annual meeting of the Society for Information Technology and Teacher Education, New Orleans, LA.
- Grant, M.M., Tamim, S., Brown, D. & Sweeney, J.P. (2012, November 1). *Teaching and learning with mobile computing devices: A case study in k-12 classrooms*. Featured Research paper presented at the annual meeting of the Association for Educational Communications & Technology, Louisville, KY.
- Grant, M.M., Barbour, M.K., Hsu, H., Hsu, Y., Martin, F., Wang, S., & York, C. (2012, November 1). *Mobile computing devices and applications for teaching & learning*. Panel presented at the annual meeting of the Association for Educational Communications & Technology, Louisville, KY.
- Christopher, A., Gikas, J., Gibson, D., King, K., Grant, M.M. & Murrell, V. (2012, November 1). *Putting learning into practice: Examining the landscape of faculty/student/client design partnerships*. Paper presented at the annual meeting of the Association for Educational Communications & Technology, Louisville, KY.
- Grant, M.M., Tamim, S., Brown, D., Sweeney, J.P., & Ferguson, F., Jones, L. (2011, December 9). *How are schools doing mobile?* Paper presented at the Midsouth Technology Conference, Memphis, TN.
- Grant, M. M. (2011, November 8-12). *Definite and indefinite: A critical perspective on defining mobile learning and mobile learning environments*. Paper presented at the annual meeting of the Association for Educational Communications & Technology, Jacksonville, FL.
- Tamim, S. & Grant, M.M. (2011, November 8-12). *Profiles of teachers using project-based learning in the classroom*. Paper to be presented at the annual meeting of the Association for Educational Communications & Technology, Jacksonville, FL.
- Hodges, C., Branch, R.M., Ertmer, P.A., Grant, M.M., & Smaldino, S. (2011, November 8-12). *Is a book project a good idea before tenure?* Panel presented at the annual meeting of the Association for Educational Communications & Technology, Jacksonville, FL.
- Grant, M.M., & Gikas, J. (2011, September 22). *The promise of mobile learning in higher education: Affordances, implementations, & challenges*. Paper presented at the fifth annual meeting of Union University Education Forum, Germantown, TN.
- Grant, M.M., & Tamim, S.R. (2011, September 22). *Teaching with web tools: Characteristics, implications, and limitations*. Paper presented at the fifth annual meeting of Union University Education Forum, Germantown, TN.
- Grant, M.M. & Cheon, J.P. (2011, June 9). *Interface design and cognitive load: What matters and how it's measured*. Paper presented at the Cure4Kids Global Summit, St. Jude Children's Research Hospital, Memphis, TN.
- Qualls, J.A., Grant, M.M., & Sherrell, L.B. (2011, April 1-2). *CS1 students' understanding of computational thinking concepts*. Paper presented at the ninth annual CCSC Mid-South Conference, Conway, AR.
- Tamim, S.R. & Grant, M.M. (2011, April 10). *How teachers use project-based learning in the classroom*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA
- Grant, M.M. (2011, March 7-11). *Planning & implementing a statewide mlearning initiative for workforce development*. Paper presented at the annual meeting of the Society for Information Technology and Teacher Education, Nashville, TN.
- Grant, M.M. (2011, March 7-11). *mLearning: A case study in graduate teacher education*. Paper presented at the annual meeting of the Society for Information Technology and Teacher Education, Nashville, TN.
- Grant, M.M. (2009, April 13-17). *Understanding projects in project-based learning: A student's perspective*. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- Grant, M.M. (2009, April 13-17). *Coming to understand the influences on and artifacts of learning*. Paper presented at the

- annual meeting of the American Educational Research Association, San Diego, CA.
- Cheon, J.P. & Grant, M.M. (2008, November 6). *The measurement of cognitive load types: Reconsidering theoretical frameworks*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Orlando, FL.
- Cheon, J.P. & Grant, M.M. (2008, November 7). *Learner's cognitive investment by structural cues in user interface: The measurement of germane cognitive load*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Orlando, FL.
- Clifford, A.C. & Grant, M.M. (2008, November 8). *Teachers: Shaping professionally and becoming technology integrators*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Orlando, FL.
- Clifford, A.C. & Grant, M.M. (2008, November 8). *The professional growth of technology integrators*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Orlando, FL.
- Cheon, J.P. & Grant, M.M. (2008, March 7). *A cognitive load approach to metaphorical interface design: Reconsidering theoretical frameworks*. Paper presented at the Society for Technology and Teacher Education annual meeting, Las Vegas, Nevada.
- Cheon, J. & Grant, M.M. (2007, October 24-27). *Do flashy interfaces help? Comparing learning efficiency of different interface types based on cognitive load*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Anaheim, CA.
- Forbess, J. & Grant, M.M. (2007, October 24-27). *The effects of online essay scoring on the improvement of high school sophomores' writing*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Anaheim, CA.
- Grant, M.M. & Cheon, J. (2007, April 9-13). *The value of using synchronous conferencing for instruction and students*. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- Cheon, J. & Grant, M.M. (2007, April 9-13). *The effects of interface types on Web-based instruction: A pilot investigation*. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- Cheon, J. & Grant, M.M. (2006, October 10-14). *Developing learning content markup language (LCML) for personalized instruction in the adaptive learning system*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Dallas, TX.
- Clifford, A.C. & Grant, M.M. (2006, October 10-14). *Connecting preparation to practice: Student teachers' uses of technology and their cooperating teachers' impact*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Dallas, TX.
- Inan, F.A. & Grant, M.M. (2006, October 10-14). *Adaptive Web based learning environment (A-WBLE): Synthesis of empirical evaluations and conditions for successful adaptive Web based system implementation*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Dallas, TX.
- Grant, M.M. (2006, April 7-11). *Tracing individual differences through the artifacts of learning*. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
- Inan, F. A., & Grant, M. M. (2005, October 18-22). *Design and development of strategies for adaptive Web-based learning environments*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Orlando, FL.
- Cheon, J., & Grant, M. M. (2005, October 18-22). *Design of individualized instruction with learning object using case-based reasoning in WBI*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Orlando, FL.
- Lucey, T.A. & Grant, M.M. (2005, October). *Exploring effective technology use in economics instruction*. Paper presented at the annual meeting of the National Council of Economic Education, San Antonio, TX.
- Grant, M.M., Ross, S.M., Wang, W., Potter, A. & Wilson, Y. (2005, April). *Computers on wheels (COWS): An alternative to 'each one has one'*. Paper presented at the annual meeting of the American Educational Research Association, Montreal, Canada.
- Lucey, T.A., Giannangelo, D., Hawkins, J., Heath, J., & Grant, M. (2005, April). *Evidence for a character component to financial education in grades K-4*. Paper presented at the annual conference of the Financial Education Association. Orlando, FL

- Inan, F.A. & Grant, M.M. (2004, November). *Uses of adaptive technologies in online learning*. Paper presented at E-Learn: World conference on e-learning in corporate, government, healthcare and higher education annual conference, Washington, DC.
- Grant, M.M. (2004, October). *A modified laptop program: Putting the carts in the classrooms*. Paper presented at The Association for Educational Communications and Technology annual conference, Chicago, IL.
- Grant, M.M., Key, S.G. & Abdi, S.W. (2004, October). *Zoocam and real time Internet video: Zoological observations with classroom computers*. Paper presented at The Association for Educational Communications and Technology annual conference, Chicago, IL.
- Grant, M.M. & Mims, C. (2003, October). *Real time Internet video in primary and secondary classrooms: Controlling observations at a distance*. Paper presented at The Association for Educational Communications and Technology annual conference, Anaheim, CA.
- Grant, M.M., Branch, R.M., & Hill, J.R. (2003, June). *Individual differences and learning artifacts: A case study in eighth grade geography*. Paper presented at ED-MEDIA 2003 – World Conference on Educational Multimedia, Hypermedia & Telecommunications, Honolulu, HI.
- Hill, J.R., Reeves, T.C., Grant, M.M., Wang, S.K., & Han, S. (2003, June). *Portable technologies in teaching and learning: An on-going evaluation*. Paper presented at ED-MEDIA 2003 – World Conference on Educational Multimedia, Hypermedia & Telecommunications, Honolulu, HI.
- Hill, J.R., Reeves, T.C., Grant, M.M., & Wang, S.K. (2003, April). *Portable technologies in teaching and learning: Continuing the examination*. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- Grant, M.M. (2003, March). *Decentralized professional development: Distance education technology workshops for university faculty*. Paper presented at Mid-South Instructional Technology Conference, Murfreesboro, TN.
- Grant, M.M. (2002, November). *Collaborating to support individual differences and learning: Computer mediated learning artifacts in eighth grade Geography*. Paper presented at The Association for Educational Communications and Technology annual conference, Dallas, TX.
- Grant, M.M., & Hill, J.R. (2002, November). *Recognizing the risks and reaping the rewards: Adopting learner-centered pedagogy*. Paper presented at The Association for Educational Communications and Technology annual conference, Dallas, TX.
- Hill, J. R., Reeves, T.C., Wang, S. K., & Grant, M. M. (2002, November). *Ubiquitous computing in a middle & high school: Continuing the exploration in a longitudinal evaluation*. Paper presented at The Association for Educational Communications and Technology annual conference, Dallas, TX.
- Schrum, L., Skeele, R. Grant, M.M., Apedoe, X., & Domizi, D. (2002, April). *Reflections on one PT3 grant: Realization of goals and insights for the future*. Paper to be presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
- Hill, J.R., Reeves, T.C., Wang, S. K., & Grant, M.M. (2002, April). *The impact of portable technologies on teaching and learning*. Paper to be presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
- Hill, J. R., Reeves, T.C., Grant, M. M., & Wang, S.K. (2001, October). *Ubiquitous computing in a day school: Initial results from a longitudinal evaluation*. Paper presented at The Association for Educational Communications and Technology annual conference, Atlanta, GA.
- Grant, M. M. (2001, August). *Systemic change: Two examples of laptop integration*. Paper presented at the thirteenth annual Utah State University Instructional Technology Institute, Logan, UT.
- Hill, J.R., Raven, A., Davis, J., & Grant, M.M. (2001, April). *Build it and they will stay: Strategies and techniques for creating community in web-based learning environments*. Paper presented at the annual meeting of the American Educational Research Association, Seattle, WA.
- Schrum, L., Skeele, R. & Grant, M.M. (2001, April). *Re-visioning learning in a college of education: Systemic integration of computer-based technologies*. Paper presented at the annual meeting of the American Educational Research Association, Seattle, WA.
- Rieber, L., Davis, J., Matzko, M., & Grant, M. M. (2001, April). *Children as multimedia critics: Middle school students' motivation for and critical analysis of educational multimedia designed by other children*. Paper presented at the annual

meeting of the American Educational Research Association, Seattle, WA.

Hill, J. R., Reeves, T. C., Grant, M. M., & Wang, S. K. (2000, October). *The impact of portable technologies on teaching and learning: A longitudinal evaluation*. Paper presented at The Association for Educational Communications and Technology annual conference, Denver, CO.

Grant, M. M. (1996, May). *The effects of contemporary screening on detail-specific originals*. Paper presented at the 89th Annual Research and Engineering Council for the Graphic Arts Industry conference, Charleston, SC.

Technical Reports

Grant, M.M. & Watson, S.L. (2015). *University of Arkansas at Little Rock academic program review for Learning Systems Technology program*. Columbia, SC: University of South Carolina.

Lowther, D.L., Dietrich, A.P., Murley, R.C., Morrison, G. R., & Grant, M.M. (2004, June). *Transition to teaching expert review of online courses*. Memphis, TN: Center for Research in Education Policy, The University of Memphis, Memphis, TN.

Grant, M.M., Ross, S.M., Wang, W., Potter, A., & Wilson, Y. (2004, June). *Riverdale Elementary "Learning Without Limits" 2003-2004 evaluation report*. Memphis, TN: Center for Research in Education Policy, The University of Memphis, Memphis, TN.

Grant, M.M., Abdi, S.W., Key, S.G., Wilson, Y. & Morgan, K.C. (2004, May). *Evaluation report for the instructional uses of live-feed Web cameras: Collaborating with Memphis Zoo, University of Memphis faculty, pre-service teachers and K-12 students*. Memphis, TN: The University of Memphis.

Workshops

Grant, M.M. (2017, July 11). *Level up! Games and gamification to support teaching and learning*. Workshop presented at the Upstate Technology Conference, Greenville, SC.

Grant, M.M. (2014-2015). *It's a phone! It's a computer! No, it's mobile learning. and QR codes are crazy*. Workshop presented at the ShareFairNation conferences as part of the Morgridge Family Foundation, Columbia, SC; Bridgeport, VA.

Grant, M.M. (2014, October 30; 2015, October 22). *It's a phone! It's a computer! No, it's mobile learning*. Workshop presented at the SC Association for Educational Technology conference, Greenville & Charleston, SC.

Grant, M.M. (2014, March 27). *Engaging students with inquiry and effective strategies for on ground and online teaching*. Invited faculty workshop for University of Oklahoma, Norman, OK.

Grant, M. M. (2013, February 21). *Secrets to PBL for STEM*. Workshop presented at Teacher Technology Thursdays, University of Memphis, Memphis, TN. Available at <http://www.slideshare.net/msquareg/secrets-of-pbl-for-stem-15529614>

Grant, M.M. (2013, February 23). *Don't sssh me! Sharing the secrets to PBL for Common Core*. Workshop presented at Tipton County First to the Top Mini-Conference: "Learning in a Digital World", Brighton, TN.

Grant, M.M. (2013, February 23). *QR codes are crazy in math & science*. Workshop presented at Tipton County First to the Top Mini-Conference: "Learning in a Digital World", Brighton, TN. Available at <http://www.slideshare.net/msquareg/qr-codes-are-crazy>

Grant, M.M. (2013, February 23). *FREeways for mobile teaching & learning for middle school ELA & social studies*. Workshop presented at Tipton County First to the Top Mini-Conference: "Learning in a Digital World", Brighton, TN. Available at <http://www.slideshare.net/msquareg/freeways-to-making-teaching-learning-mobile-10523927>

Grant, M.M. (2013, February 23). *Web 2.0 ...from the beginning for elementary teachers*. Workshop presented at Tipton County First to the Top Mini-Conference: "Learning in a Digital World", Brighton, TN.

Grant, M.M. (2012, December 7). *It's a phone! It's a computer! No, it's mobile learning*. Workshop presented at the Midsouth Technology Conference, Memphis, TN.

Sweeney, J.P., Caldwell, L., Ferguson, F., Forbess, J., Christopher, A., Wicker, F., Tamim, S., & Grant, M.M. (2012, December 7). *60+ apps in 60 minutes or less*. Workshop presented at the Midsouth Technology Conference, Memphis, TN.

Grant, M.M. (2012, December 6). *QR codes are crazy*. Workshop presented at the Midsouth Technology Conference, Memphis, TN.

Grant, M.M. (2012, November 1). *Strategies for mobile teaching and learning*. Workshop presented at the annual meeting of the Association for Educational Communications & Technology, Louisville, KY.

- Grant, M.M. (2012, October 31). *Strategies for mobile teaching and learning*. Workshop presented at the annual meeting of the Association for Educational Communications & Technology, Louisville, KY.
- Grant, M.M. (2012, October 16). *QR codes are qrazy*. Workshop presented at the Middle Tennessee State University & Tennessee Board of Regents mobilization conference, Murfreesboro, TN.
- Tamim, S. & Grant, M.M. (2011, December 8). *Creating a class website using Weebly*. Workshop presented at the Midsouth Technology Conference, Memphis, TN.
- Forbess, J. & Grant, M.M. (2011, December 8). *Web 2.0 from the beginning*. Workshop presented at the Midsouth Technology Conference, Memphis, TN.
- Forbess, J., Johnson, C., Brown, D., Sweeney, J.P., Prevette, L., Jones, L., Ferguson, F., Tamim, S., & Grant, M.M. (2011, December 8). *60 apps in 60 minutes*. Workshop presented at the Midsouth Technology Conference, Memphis, TN.
- Grant, M.M. (2011, December 9). *Freeways to mobile teaching & learning*. Workshop presented at the Midsouth Technology Conference, Memphis, TN.
- Tamim, S.R. & Grant, M.M. (2011, December 9). *Weaving web 2.0 tools with project-based learning*. Workshop presented at the Midsouth Technology Conference, Memphis, TN.
- Grant, M.M. (2011, November 9). *Strategies for mobile teaching and learning*. Workshop presented at the annual meeting of the Association for Educational Communications & Technology, Jacksonville, FL.
- Grant, M.M. (2011, June 23). *Google Docs for teachers*. Workshop at the Tennessee Board of Regents eLearning P-20 Summit, Morristown, TN.
- Grant, M.M. (2011, June 19). *Google Docs*. Workshop at the Tennessee Board of Regents eLearning Summit, Sevierville, TN.
- Grant, M. M. (2011, June 11). *Beyond apps: Strategies for making teaching and learning mobile*. Workshop at Cure4Kids Global Summit, St. Jude Children's Research Hospital, Memphis, TN.
- Grant, M.M. (2011, April 15). *Beyond apps: FREeways to making teaching and learning mobile*. Workshop at the Tennessee Association of Independent Schools Tech Institute, Memphis, TN.
- Grant, M.M., Tatom, M., & Menchofer, K. (2010, December 8). *Mobile learning: What is it? What's it look like? How's it done?* Workshop presented at the annual Midsouth Technology Conference, Memphis, TN.
- Grant, M.M. (2010, December 8). *Web 2.0 ... from the beginning*. Workshop presented at the annual Midsouth Technology Conference, Memphis, TN.
- Grant, M.M. (2010, December 8). *Making teaching and learning mobile*. Workshop presented at the annual Midsouth Technology Conference, Memphis, TN.
- Grant, M.M. (2010, September 21). *Building a course site with PBWorks*. Workshop presented at the annual Arkansas Distance Learning Association conference, Hot Springs, AR.
- Grant, M.M. (2008, June 26). *Embeds*. Invited workshop presented at the Tennessee Board Board of Regents annual summer faculty institute, The University of Memphis, Memphis, TN.
- Grant, M.M., Lowther, D.L., Inan, F.A. (2004, December). *Tips for technology coaches*. Workshop presented at the Tennessee Educational Technology Conference, Nashville, TN.
- Fauntleroy, C., Grant, M.M., & Marvin, E. (2004, December). *Hit me with your best Web! Free resources everyone uses*. Workshop presented at the Tennessee Educational Technology Conference, Nashville, TN.
- Grant, M.M., & Adsit, M. (2004, December). *Zoocam inside your classroom*. Workshop presented at the Tennessee Educational Technology Conference, Nashville, TN.
- Grant, M.M. (2004, August). *Yikes, a lorikeet's on my computer! Zoocam inside your classroom*. Workshop presented at the West Virginia Technology Conference, Charleston, WV.
- Grant, M.M. & Wilson, Y. (2003, December). *Yikes! There's a lorikeet on my computer! Can I keep it? Using the zoocam in your science classroom*. Workshop presented at Tennessee Educational Technology Conference, Nashville, TN.
- Fauntleroy, C., Grant, M.M., & Marvin, E. (2003, December). *High tech, low tech, how do I teach tech?* Workshop presented at the Tennessee Educational Technology Conference, Nashville, TN.
- Grant, M.M., Lowther, D.L., & Marvin, E. (2003, December). *Tips for technology coaches*. Workshop presented at the

Tennessee Educational Technology Conference, Nashville, TN.

Lowther, D.L., Grant, M.M., & Marvin, E. (2003, March). *Technology coach seminar: How to plan, implement, and evaluate a school technology initiative*. Workshop presented at the Kentucky Teaching and Learning Conference, Louisville, KY.

Grant, M. M. (1997). *Introduction to electronic prepress*. Xerox Sales Training Consortium at Clemson University, Clemson, SC. A hands-on workshop in electronic prepress, which highlighted vector files, bitmap color files, and layouts with PostScript files. Presented 5 times since 1997.

Grant, M. M. (1998, February). *Issues in electronic prepress*. Agfa Flexographic Training at Clemson University, Clemson, SC. A hands-on workshop presented to emphasize the important elements in building a file for the flexographic process.

Grant, M. M. (1996, October). *Desktop for flexo*. Clemson University industry training workshop, Clemson, SC. Development and production of all electronic prepress materials for breakout sessions software applications and production, distortion and output, and preflighting.

Grant, M.M. (2017, October 2). *Voyages into the technology frontier: Fun and games*. Division of Information Technology & the Center for Teaching Excellence, University of South Carolina, Columbia, SC.

Grant, M. M. (2017, May 20). *Engaging students with inquiry: Project-based learning & problem-based learning in integrated STEM*. Invited keynote for iSTEM Conference, University of North Carolina Wilmington, Wilmington, NC. Available at <https://www.slideshare.net/msquareg/engaging-students-with-inquiry-projectbased-learning-and-problembased-learning-in-integrated-stem>

Hokanson, B., Grant, M. & Rieber, L. (2015, August 22). *Design a la Vitruvius: Firmness, commodity and delight*. Panel session presented at the IDD@UGA conference, University of Georgia, Athens, GA.

Grant, M.M., Persichitte, K. & Carr-Chelman, A. (2014, November 7). *Graduate Student Assembly (GSA): What is the future of our field?* Invited panel presented at the annual meeting of the Association for Educational Communications & Technology, Jacksonville, FL.

Grant, M.M. (2014, October 24). *Using mobile devices & apps to drive engagement*. Invited presentation for University of California System Engage Summit, San Francisco, CA.

Grant, M.M. (2014, March 26). *Engaging students with inquiry: Strategies to support STEM, Common Core & technology integration*. Invited lecture for Oklahoma University Dream Course series (Dr. Teresa Cullen, Professor). Oklahoma University, Norman, OK.

Grant, M.M. (2013, August 27). *Engaging students with inquiry and effective strategies for on ground and online teaching*. Invited keynote presentation as part of the Toome's Lectureship for Baptist College of Health Science, Memphis, TN. Available at <http://www.slideshare.net/msquareg/engaging-students-with-inquiry> and <http://www.slideshare.net/msquareg/engaging-students-on-ground-online>

Ottenbreit-Leftwich, A., Blatt, L., Grant, M., & Glazewski, K. (2013, July 17). *K-12 leadership*. Invited panel presentation at the Association for Educational Communications & Technology Summer Board and Leadership Conference, Bloomington, IN.

Grant, M.M. (2013, May 6). *Learning on the move: Considerations for formal, semiformal and informal learning*. Invited paper presented at the University of Oklahoma Emerging Technology and STEM Education Symposium, University of Oklahoma, Norman, OK. Available at <http://www.slideshare.net/msquareg/learning-onthefirst>

Grant, M.M. (2013, April 19). *How are schools using technology? A survey of the landscape & emerging practices*. Presentation for University of Memphis CRISTAL STEMinar, University of Memphis, Memphis, TN. Available at <http://www.slideshare.net/msquareg/whats-happeninginclassrooms>

Grant, M. M. (2013, January 4). *How is technology integrated into classrooms today?* Invited presentation to Heritage Baptist Academy teachers, Cordova, TN.

Cates, W., Lockee, B., Richey, R.C., Wiley, D., & Grant, M.M. (2011, November 10). *AECT/GSA faculty/student mentoring symposium*. Panel presented at the annual meeting of the Association for Educational Communications & Technology, Jacksonville, FL.

Grant, M.M. (2011, October 18). *BYOD – Bring your own device! Strategies for making teaching & learning mobile*. Presentation at Mobile Technology for Teaching and Learning Conference, University of Memphis, Memphis,

Keynote & Invited Presentations

TN.

- Grant, M.M. (2011, March 7). *Dare you to move: Making mobile learning matter at College of Charleston*. Keynote presented to College of Charleston Faculty Technology Institute, Charleston, SC.
- Grant, M.M. (2010, October 20). *Writing and publishing*. Paper presented to the Educational Technology seminar (M. Kim, assistant professor) at Purdue University.
- Ertmer, P.A., Grant, M.M., & Mong, C. (2010, October 20). *Interdisciplinary Journal of Problem-based Learning: Publishing for a global impact*. Presentation at Open Access Celebration, Purdue University, West Lafayette, IN.
- Grant, M.M. & Cheon, J. (2010, October 13). *Reconsidering cognitive load: Examining the different types and measuring them if we can*. Paper presented to the Technical Writing seminar (L. Kim, associate professor) at the University of Memphis.
- Grant, M.M. & Cheon, J. (2010, March 31). *Reconsidering cognitive load: Examining the different types and measuring them if we can*. Paper presented to the Cognitive Psychology seminar (D. McNamara, professor) at the University of Memphis.
- Grant, M.M. (2010, March 30). *HTML & CSS: A printer's primer*. Invited lecture to Graphic Communications 310 (N. Leininger, Senior instructor) at Clemson University.
- Grant, M.M. & Mims, C. (2009, January 23). *Problem-based learning in teacher education*. Presentation for the University of Memphis College of Education, Memphis, TN.
- Grant, M.M. (2008, October 30). *What you want out of web apps & the ones worthy of wasting a Wednesday with*. Presentation for Workforce E-learning Resource Network, Advance Distributed Learning Workforce Co-Lab, The University of Memphis, Memphis, TN.
- Grant, M.M. (2008, October 20). *Understanding the influences on and artifacts of learning*. Presentation for Cognitive Science Seminar, Psychology Department, The University of Memphis, Memphis, TN.
- Grant, M.M. (2008, June 27). *Teaching and learning with Web 2.0: Purposeful, promising, potentially precarious*. Invited keynote presented at the Tennessee Board of Regents annual summer faculty institute, The University of Memphis, Memphis, TN.
- Grant, M.M. (2006, November 1). *Games and simulations: Moving beyond the four-letter word. Digital game-based learning characteristics, theory and assessment*. Presentation for Learning Technologies Seminar (V. Rus, professor), Psychology Department, The University of Memphis, Memphis, TN.
- Grant, M.M. & Mims, C. (2006, September 29). *If games is spelled g-a-m-e-s, why is it a four-letter word?* Presentation for Workforce E-learning Resource Network, Advance Distributed Learning Workforce Co-Lab, The University of Memphis, Memphis, TN.
- Grant, M. M. (2006, August). *The 'V' word and the 'N' word*. Presentation for Computer Science Teaching Fellows for NSF Grant (L. Sherrell, PI), Computer Science Department, The University of Memphis, Memphis, TN.
- Brill, J. and Grant, M.M. (2006, May 21). *Exploring strategies for effective qualitative research*. Presentation for Professors of Instructional Design and Technology, Smith Mountain Lake, VA.
- Grant, M.M. (2006, February 23). *Item analysis for e-learning*. Presentation for Workforce E-learning Resource Network, Advance Distributed Learning Co-Lab, The University of Memphis, Memphis, TN.
- Ross, S.M., Lowther, D.L. & Grant, M.M. (2005, March 23). *Integrating technology in the schools: Issues involving instructional changes and student achievement gains*. Presentation for Learning Technologies Seminar (Z. Cai, professor), Psychology Department, The University of Memphis, Memphis, TN.
- Grant, M. M. (2004, June; 2006, June). *Tremendous teaching prevents lackluster learning: Or how to be the teacher you wished you'd had more often*. Presentations for Computer Science Teaching Fellows for NSF Grant (L. Sherrell, PI), Computer Science Department, The University of Memphis, Memphis, TN.
- Grant, M. M. (2000, March). *Where did the funny in funny books go?* Paper presented at the annual meeting of the Georgia Association of Media Assistants, Athens, GA.
- Grant, M. M. (1999, April). *I believe*. Invited keynote for Clemson University graphic communications departmental honors and awards banquet, Clemson, SC.
- Grant, M. M. (1998, September; 1996, March). *Electronic prepress issues & the corrugated industry*. International Corrugated Packaging Foundation and Clemson University Enhanced Graphic and Color symposium,

Clemson, SC.

Grant, M. M. (1998, July). *Digital input*. Graphic Arts Education and Research Foundation summer teacher institute, Clemson, SC.

Grant, M. M. (1996, July). *Preflighting*. Graphic Arts Education and Research Foundation summer teacher institute, Clemson, SC.

**SPECIALIST &
DOCTORAL
STUDENT
ADVISING**

Mary Camp, *Dissertation Advisory Committee Chair*, University of South Carolina. Expected Graduation: 2018.

Dorian Brown, *Dissertation Advisory Committee Chair*, University of Memphis. Graduation: 2014; Adjunct Faculty, University of Memphis; Teacher, Shelby County Schools.

Suha Tamim, *Dissertation Advisory Committee Chair*, University of Memphis, Graduation: 2012; Clinical Assistant Professor, University of South Carolina.

Brandi Leonard, *Dissertation Advisory Committee Chair*, University of Memphis, Graduation: 2012; Associate Professor, Dyersburg State Community College.

Joanne Gikas, *Dissertation Advisory Committee Chair*, University of Memphis, Graduation: 2011; Assistant Dean, University of Memphis.

Julie Forbess, *Dissertation Advisory Committee Chair*, University of Memphis, Graduation: 2010; Adjunct Faculty, University of Memphis; Teacher, Shelby County Schools.

Jong-pil Cheon, *Dissertation Advisory Committee Chair*, University of Memphis, Graduation: 2008; Associate Professor, Texas Tech University.

Annie Chism-Conway, *Dissertation Advisory Committee Chair*, University of Memphis, Graduation: 2007; Academic Instructional Leader, Memphis City Schools.

Anna Clifford, *Dissertation Advisory Committee Chair*, University of Memphis, Graduation: 2007; Full Professor, Union University.

Robin Navel, *Education Specialist Advisory Committee Chair*, University of Memphis, Graduation: 2004; Director of Online Instruction & Training, Union University.

**GRANTS &
PROPOSALS**

“American Innovations in an Age of Making – Interdisciplinary STEM in Elementary Classrooms.” This DR-K12 Strategies project builds upon and extends prior funded work. American Innovations in an Age of Discovery (NSF ITEST #1513018) enables students to reconstruct working models of historic inventions in the Smithsonian’s collections such as the telegraph, the telephone, and early electric motors. The Smithsonian is developing an Education Section on its X3D web site that will host resources for *Invention Kits* such as digitized artifacts, animations, patents, and excerpts from inventors’ journals. We now propose to extend use of *Invention Kits* to elementary schools (Grades 4-6). This, combined with the middle school implementation, will allow students to gain in-depth experience with the process of invention and innovation across Grades 4-8. Submitted \$3,000,000 total (\$1,407,709 USC portion; 2017).

“American Innovations II: Teaching Science and Engineering through Reconstruction of Transformational Inventions.” (PI) This ITEST Strategies project builds upon and extends prior funded work. American Innovations in an Age of Discovery (NSF #1513018) allowed students to reconstruct working models of historic inventions in the Smithsonian’s collections such as the telegraph, the telephone, and early motors. We now propose to develop a parallel series of contemporary Invention Kits that will enable students to construct counterparts of historic inventions. A collaboration with Midlands Technical College will enable schools to collaborate with college students in the Midlands advanced manufacturing degree programs to develop mass manufactured versions of 3D printed prototypes. Extending the Invention Kit design process to include mass production will provide K-12 students with the opportunity to experience the complete product development cycle from ideation and prototyping to mass manufacturing. Unfunded \$1,199,920.00 total (\$800,578.00 USC portion; 2017).

“Addressing Content Connections through Ecological Science Standards (ACCESS).” (Co-PI) In this Improving Teacher Quality (ITQ) grant, Dillon Four school district joined with the principal investigators from the University of South Carolina to develop the ACCESS program in order to enhance teachers’ content knowledge and improve pedagogical practices and student achievement through project-based learning (PjBL) experiences. Awarded \$141,071.00. (2016-2017).

“Issues & Leadership in K-12 Technology Integration.” (PI) This internal grant was sponsored by the Center for

- Teaching Excellence (CTE) to promote leadership experiences for students. A new online course for graduate students in the Educational Technology program, as well as teachers and school leaders in other advanced programs in the College of Education such as the M.Ed. in Teaching. This course will focus on contemporary issues and leadership for educational technology in K-12 schools. Unfunded at \$3000.00. (2015, June).
- “Game-based Teaching & Learning TOOC.” (PI) The Game-based Teaching & Learning TOOC project will design, develop, and deliver a “train the trainer” online teacher professional development program for using games and gamification in K-12 schools. Teachers in South Carolina and Georgia rural schools will be specifically targeted, but the program will be available nationally, and modeled after a targeted open online course (TOOC). Teacher participants will play games while studying practitioner-focused and scholarly materials in order to incorporate games or gamification into their practices, appropriate to their own goals and contexts. Digital badges will be earned for the successful acquisition of specific knowledge and skills. Submitted to Entertainment Software Association Foundation. Unfunded at \$38,862.00. (2015, May).
- “Disseminating mMIND’s Findings: Impacts of Teacher Professional Development with Interdisciplinary STEM, Inquiry & Technology Integration.” (PI) This internal grant was sponsored by the USC College of Education. The purpose of this proposal is to analyze and disseminate findings from the mMIND PD on teachers’ beliefs and attitudes toward inquiry, STEM, and technology with the aim of contributing to the body of knowledge about how teachers are defining and implementing these pedagogies and content. Awarded \$3,660.00. (2014, December).
- “Collaborative Research: Adaptive Student Evaluation and Response System (ASER): Personalized Learning Environment for Community College Mathematics Courses.” Included as advisory board member for visual and intuitive interface design on project submitted to National Science Foundation. Proposal for \$530,889.00. (2013).
- “mMIND: Mobiles, Math, Inquiry & Data.” (PI) Tennessee Higher Education Commission (THEC) professional development grant through federal ‘First to the Top’ program. The purpose of this project was to provide high quality, research-based teacher professional development to 30 math and science teachers in Grades 7, 8, and 9 in Tipton and Lauderdale Counties of TN. This program targeted (a) mathematical content knowledge, (b) mathematical pedagogical-content knowledge, (c) interdisciplinary inquiry through problem-based and project-based learning strategies, and (d) technology integration with mobile computing devices. Awarded \$199,552.00. (2012-2013).
- “AdLit@EdTech: Supporting Adolescent Literacy Development through Educational Technology.” (Co-PI) Institute for Educational Science (IES) proposal in Teacher Quality-Reading and Writing, Goal 2. The purpose of the AdLit@EdTech professional development model is to provide intensive, comprehensive training and support for middle and high school teachers through a hybrid approach that integrates virtual and face-to-face coaching, and enables them to foster literacy learning across content areas through instruction that promotes higher levels of learning in their adolescent students. Unfunded at \$500,000.00. (2010, June).
- “Developing Algebraic Thinkers for Tomorrow.” (Co-PI) Institute for Educational Sciences (IES) proposal: Teacher Quality-Mathematics and Science, Goal 2. The purpose of the Algebraic Thinking professional development model is to provide intensive, comprehensive training and support for 4-8 grade teachers through a hybrid approach that integrates virtual and face-to-face coaching, and enables them to foster algebraic reasoning through instruction that promotes higher levels of learning in their students. Unfunded at \$500,000.00. (2010, June).
- “It’s all fun and games until...: The instructional value and applications of games, simulations and microworlds.” (PI) Internal grant to support the creation and delivery of a special topics course to investigate games and simulations research and applications. Awarded \$7,900.00 (2005-2006).
- “Regional Educational Technology Consortium.” (PI) Department of Education RTECs to provide professional development for support of technology integration across Tennessee, Kentucky, West Virginia & Virginia. Awarded \$173,414.00 (2004-2005) of \$711,130.00 (2000-2005).
- “Teaching and mentoring at a distance: Integrating hybrid solutions with video conferencing.” (PI) Students displaced by geographic distances and time-between class meetings experiment with video conferencing as a means to receive instruction, mentoring, coaching and scaffolding. Awarded \$8,100.00 (2004-2005).
- “Video conferencing and Internet video: Extending the Zoocam Project for preservice teachers, K-6 students and university faculty.” (PI) The original goal of the project was to explore the instructional uses of Internet video cameras. This project plans to extend this exploration by incorporating video conferencing as an avenue to

bring experts into the classroom. Awarded \$13,324.00 (2004-2005).

"Learning without limits" evaluation grant through Center for Research in Education Policy (CREP). (PI)
Evaluation of Riverdale Elementary's modified laptop initiative with observations, interviews, and surveys.
Awarded \$2,300.00 (2003-2004).

"GAs for FITness." (PI) An internal grant to impact technology integration within the Instruction and Curriculum Leadership faculty and students. Awarded \$4000.00 each semester (Fall 2003 & Spring 2004).

"The instructional uses of live-feed web cameras: Collaborating with Memphis Zoo, university faculty, K-12 teachers and students." (PI) An internal Technology Access Fee (TAF) Grant to explore the pedagogical uses of live-feed web cameras with Memphis Zoo, Instruction and Curriculum Leadership faculty and the Digital Video Group. Awarded \$13,224.00 (2003-2004).

"Developing online instruction: Reflecting industry, supporting faculty and students." (PI) An internal Technology Access Fee (TAF) Grant proposal to collaborate with Instructional Design & Technology students, the Advanced Instructional Media Laboratory (AIM Lab), and College of Education faculty in using and learning web development tools. Unfunded at \$4,350.00.

"HITEC: Helping Instructors with Techniques for Effective Communications." (PI) A three-phase grant sponsored by the Printing Industry Association of Georgia, Southeastern and Islands Region Technology Education Consortium, and Graphic Arts Education and Research Foundation to integrate technology into the graphic arts curriculum. The grant support was in excess of \$10,000 (1996-1997).

Graphic Arts Education and Research Foundation (GAERF) Teacher Grant. This grant presented to a limited number of educators on both the secondary and post-secondary levels offered faculty the opportunity to attend the large industry-wide trade show, Print '98, held in Chicago (1998).

Printing Industry Association of Georgia (PIAG) Multimedia Grant. (PI) This proposal extended previous support in multimedia to include authoring, video editing, 3-D rendering and sound editing. Awarded \$3000 (1998).

CONSULTING

"External Onsite Program Reviewer." Consulting appointment for University of Arkansas Little Rock Learning Systems Technologies Education program to conduct onsite program review. (2015, April).

"iPads in Teacher Education Dream Course." Invited lecture, workshop, and planning for technology integration and inquiry at University of Oklahoma and Dr. Theresa Cullen. (2014, March 25-27).

"Continuous Learning Objects with WKNO." Consulting appointment with PBS station WKNO as instructional designer to develop elearning module for TN teachers through federal First to the Top program. (Spring 2012).

"Mobilization for Teaching & Learning." Consulting appointment for the Tennessee Board of Regents to (a) research and plan mobile teaching and learning initiatives for the Tennessee Technology Centers, (b) explore, develop, and deliver teaching and learning with mobile computing devices at P-20 levels, and (c) reach Google Apps Certification Trainer for universities and TBR. (2010-2013).

"eLearning Summer Boot Camp at Wichita State University." Consulting appointment to present best practices and strategies for teaching online. The Summer Boot Camp provided a foundation for faculty to designing effective online courses and communicate effectively online. (2009, June).

"PowerCenter Academy Charter School." Consulting appointment through the Center for Research in Educational Policy for professional development with one-to-one laptop initiative. (2008-2009).

"Professional Association of Georgia Educators Teacher Academy." Consulting appointment for teacher professional development in a year-long teacher academy for novice teachers in their first through fifth years of teaching across the state of Georgia. (2005-2009).

"Web-based instruction training for La Bonheur Children's Hospital." Contract workshops for instructional design trainers at the regional hospital regarding the design and development of Web-based instruction. (2002).

HONORS

American Educational Research Association (AERA) SIG-Instructional Technology (SIG-IT) Leadership Service Award 2011-2014

Association for Educational Communications & Technology (AECT) Research & Theory Division Service Award 2011-2014

Nomination for university-wide Distinguished Teaching Award, 2011, 2012, 2014
 Slideshare.net content is among the top 1% of most viewed on SlideShare, 2013
 Instruction & Curriculum Leadership Chair's Excellence Award for Teaching, 2011
 Professional Development Assignment sabbatical, Fall 2010
 Instruction & Curriculum Leadership Chair's Excellence Award for Research, 2007
 American Educational Research Association SIG-Instructional Technology Young Researcher Award, 2005
 Instruction & Curriculum Leadership department chair recognition Innovation award, 2003
 AERA Division K New Faculty Seminar awardee, 2003
 Departmental awardee for Professors of Instructional Design & Technology (PIDT) conference, 2002
 Institutional nomination to Association for Educational Communications and Technology (AECT) Intern, 2001
 Departmental awardee for Utah State Instructional Technology Institute, 2001
 Epsilon Pi Tau, Honorary Technology Society, 1999
 Research and Engineering Council for the Graphic Arts Research Scholarship, 1996
 Industrial Education Upperclass Merit Award, 1994
 College of Education American Legion Service Award, 1994

PROFESSIONAL SERVICE & ACTIVITIES

Interdisciplinary Journal of Problem-based Learning

- Editor, 2013-present
 - Grant, M.M. (2017). Editor's introduction. *Interdisciplinary Journal of Problem-based Learning*, 11(1). Available at <https://dx.doi.org/10.7771/1541-5015.1704>
 - Grant, M.M. (2015). Editor's introduction. *Interdisciplinary Journal of Problem-based Learning*, 9(1). Available at <http://dx.doi.org/10.7771/1541-5015.1562>
 - Jung, J., & Grant, M.M. (2014). Editor's introduction. *Interdisciplinary Journal of Problem-based Learning*, 8(1). Available at: <http://dx.doi.org/10.7771/1541-5015.1490>
 - Grant, M.M. (2013). Editor's introduction. *Interdisciplinary Journal of Problem-based Learning*, 7(1). Available at <http://dx.doi.org/10.7771/1541-5015.1342>
 - Grant, M.M. (2013). "Voices from the Field" overview, call for papers, and section introduction. *Interdisciplinary Journal of Problem-based Learning*, 7(1). Available at <http://dx.doi.org/10.7771/1541-5015.1401>
- Co-Editor, 2010-2012
 - Grant, M.M. & Ertmer, P.A. (2012). Editor's introduction. *Interdisciplinary Journal of Problem-based Learning*, 6(2). Available at <http://dx.doi.org/10.7771/1541-5015.1347>
 - Ertmer, P.A. & Grant, M.M. (2011). Editor's introduction. *Interdisciplinary Journal of Problem-based Learning*, 5(2). Available at <http://dx.doi.org/10.7771/1541-5015.1250>
 - Grant, M.M. (2011). Editor's introduction. *Interdisciplinary Journal of Problem-based Learning*, 5(1). Available at <http://dx.doi.org/10.7771/1541-5015.1205>

American Education Research Association (AERA)

- SIG-Instructional Technology Past Chair & Conference Co-Chair, 2013-2014
- SIG-Instructional Technology Chair & Conference Co-Chair, 2012-2013
- SIG-Instructional Technology Chair Elect & Awards Program Chair, 2011-2012
- Proposal reviewer, 2002-present
- Session chair, 2007
- Webmaster for Multiple Intelligences SIG, 2000-2001

Association for Educational Communications and Technology (AECT)

- AECT Executive Secretary, 2014-present
- AECT Intern mentor, 2013-2014
- NSF Early Career Symposium mentor, 2013
- Research & Theory Division Past President, 2013-2014

- Research & Theory Division President, 2012-2013
- Research & Theory Division President-Elect & Program Chair, 2011-2012
- Research & Theory Division President Designate, 2011
- Publications Task Force Chair, 2012-2013
- Design & Development Division Young Researcher Award reviewer, 2011
- Professors of Instructional Design & Technology (PIDT) meeting chair, host & planner, 2007
- International Conference Social Chair, 2006
- Proposal reviewer, 2003-present
- Session facilitator, 2003, 2011, 2014, 2015
- Conference volunteer, 2002

Program & Departmental Service

- Educational Technology Program Coordinator, 2014-present
- Ed.D. Faculty Governance Committee Chair, 2016-present
- Educational Psychology Search Committee, 2015-2016
- Educational Studies Department Steering Committee, 2015-2016
- Educational Technology Search Committee Chair, 2015-2016
- Research Collaborative Mentor, 2012-2013
- Tennessee Board of Regents Ready2Teach Simulation, Assessment & Technology Committees, 2010-2011
- Tenure & Promotion Committee Chair, Spring 2010
- Research Committee Chair, 2005-2006
- Program Facilitator/Coordinator, 2003-2004, 2014
- Department chair search committee, 2003-2004

College Service

- College of Education Strategic Planning Committee, Spring 2015-present
- Advanced Programs Governance Committee, 2017-present
- Director of IT & Operations search committee, Summer 2015
- Graduate Curriculum Committee, 2004-2006, 2011-2012
- College Information Technology Fluency committee, 2003-2004

University Service

- Faculty Senator, 2011-2014
- Faculty Senate Executive Committee Information Officer, 2012-2013
- University Graduate Council, 2008-2010
- Technology Fellowship Program Co-chair, 2005-2007
- Research Assessment Taskforce, 2013-2014
- Institute for Intelligent Systems faculty affiliate, 2007-2014
- University Teaching & Learning Advisory Committee, 2004-2007
- Center for Multimedia Arts member, 2004-2006
- Center for Research in Educational Policy faculty researcher, 2002-2009
- FedEx Institute of Technology Usability Lab task force, 2001-2002
- Workforce E-learning Resource Network faculty affiliate, 2005-2008

Journal Reviewerships & Editorial Boards

- *Educational Technology, Research & Development* journal, 2002-present
- *Journal of Computing in Higher Education*, 2009-present
- *TechTrends*, 2008-present
- *Journal of Research on Technology in Education*, Editorial Board, 2013; Reviewer 2013-2015
- *International Journal of Interactive Mobile Technologies*, 2010-2013
- *Interdisciplinary Journal of Problem-based Learning*, 2006-2010
- *TechTrends* Design Portfolio section, 2008-2010
- *The Internet and Higher Education*, 2009
- *Technical Communication* journal, 2001

South Carolina Association for Educational Technology (SCAET), Board of Directors (2015-present)

Sloan-C Consortium social media advocate, 2010-2012

Guest blog post: Grant, M.M. (2010, October 14). Why mobile won't matter. *Next Gen Learning Challenges News*, retrieved from http://nextgenlearning.org/the-community/blog/2010/10/14/why-mobile-wont-matter?site_locale=en

Memphis Zoo Teacher Advisory Council, 2005-2006

University of Georgia Instructional Technology Student Association President, 2000-2001

Co-chair for Southeastern Regional Conference in Instructional Technology & Design, 2001

- *DESIGN: Connect, Create, Collaborate* – a conference to honor Dr. Kent Gustafson
- Responsibilities included creating conference theme, logo and website; designing and distributing request for proposals; securing venues; coordinating registration and fees; compiling conference proceedings; and managing presenters & volunteers.

National Educational Computing Conference (NECC) volunteer and special event organizer, 2000

International Graphic Art Education Association (IGAEA)

- International Graphic Communications Week Chairman, 1997-1998
- Planning committee member for 1993 Annual Conference

PROFESSIONAL DEVELOPMENT

PBWorks

- PBWorks Certified Educator, 2009
- PBWorks Educator Mentor, 2010

Google Apps Certified Trainer (in progress)