

Dr. Michael Andrew Orey

1. ACADEMIC HISTORY

Present rank: Associate Professor of Instructional Technology;

Recommended rank: Full Professor of Instructional Technology

Proportion time assignment: .25 research, .50 instruction

Tenure status: Tenured

Appointed to graduate faculty: January 2006

Ed.D. from the Virginia Polytechnic Institute and State University, 1989

Academic Positions

Assistant Professor, Department of Instructional Technology, University of Georgia, (1989-1995)

Associate Professor, Department of Instructional Technology, University of Georgia, (1995-present)

2. RESIDENTIAL INSTRUCTION AND CONTINUING EDUCATION

A. Courses Taught in the Past Two Years

EDIT 4600/6600

The course entitled Multicultural Perspectives on Technology was co-designed with a doctoral student.. It focuses on the intersection of culture, education, and technology. It has been taught at both the undergraduate and graduate level.

EDIT 6100, Instructional Technology

During 2004, I converted EDIT 6100 to an online class so that it can then be taken as part of the TIP program. I taught it as an overload in the Spring to convert it and I taught it again the Maymester to test it again.

EDIT 6150, Introduction to Computer-Based Education

EDIT 6150 is a course that students from many departments within the College of Education elect to take. I have worked toward getting this course approved by the PSC to fulfill the new state requirement of all teachers to have a course in basic computer skills. In addition, I spearheaded the design of this course is it is now

offered online.

EDIT 6190. 6200, 6210, The Studio

The Studio is an innovation in our program in that content can go beyond the confines of a single semester, mentoring can occur between beginning and more advanced masters students, and constructivist learning environment can be modeled for the students.

EDIT 6400 Emerging Perspectives on Teaching, Learning and Technology

This course is now only taught online. Further, the text for this class is a web book that I have edited over the past several years and is offered free for students in the class. This class makes use of a synchronous online classroom (HorizonLive) that helped UGA adopt.

EDIT 7320 Research in School Library Media

I adapted this course for the students in the TIP program and taught it the Gwinnett University Center in the summer. The goal of this class was to scaffold the writing of the methodology section of the TIP EdS students. All students were able to complete their methods section and also complete their IRB for their project.

EDIT 9990 Topical Seminar

This course was taught in the fall and the purpose of this class was to create the initial chapters for the World Almanac on Educational Technology, a web-based e-book that I plan on filling with chapters from each of the 260 countries in the world.

B. Course Evaluation

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Mean
Overall Course	3.7	4.1	3.5	3.9	4.1	3.9	3.8	4.3	4.0	3.8	3.9
Teaching Ability	3.6	4.2	3.4	3.7	3.9	3.9	3.8	4.3	4.1	3.8	3.9

C. Course Development

I co-wrote the Undergraduate Certificate in Educational Psychology and Instructional Technology with one of my doctoral students. It was approved by the University Council on September 22, 2005.

I worked on the curriculum committee for the new undergraduate degree in Instructional Psychology, Training and Technology. I wrote the course proposals for all

of the department's courses.

I have also spearheaded the curriculum for the new Technology Integration Program. While we made use of existing courses, some of those courses needed redesign, and much curriculum planning was involved in this program.

I have been one of the leaders in online initiatives in the department and have helped lead us to using hybrid/blended/flexible delivery as the model for both our TIP and SLM programs.

I have also designed an undergraduate certificate in Instructional Technology. The certificate is in the process of going through curriculum approval, but the courses EDIT 4600/6600 Multicultural Perspectives in Technology and EDIT 5500 Technology Enhanced Classroom Environments have already been approved. The certificate would be for those students who take EDIT 2000, 4600, 5500 and 4160.

D. Advisement of Students and Committee Work

Doctoral Advisees

Gary Shattuck

Gabrielle Garner

Michael Tsao

Doctoral Graduates

John Farquhar

Joo-Sung Park

Huey-Ling Fan

James Myers

Joi Moore

Ruimin Zhao

Anthony (Marty) Thomas

Tel Amiel

Christa Harrelson

Masters Students

I average about 10 masters students completing their degree each year. Also, I am now averaging 8 specialist students each year. The result is that I have advised over 120 masters students since I began my career at Georgia. I currently advise 19 masters students and 16 specialist students.

3. RESEARCH ACTIVITIES

A. Publications

Books authored
(none)

Books Edited

- Orey, M., McClendon, V.J. & Branch, R. M. (Eds.). (2007). Educational media and technology yearbook (Vol 32). Englewood, CO: Libraries Unlimited.
- Orey, M., McClendon, V.J. & Branch, R. M. (Eds.). (2006). Educational media and technology yearbook (Vol 31). Englewood, CO: Libraries Unlimited.
- Orey, M., McClendon, V.J. & Branch, R. M. (Eds.). (2005). Educational media and technology yearbook (Vol 30). Englewood, CO: Libraries Unlimited.
- Orey, M., Amiel, T., & McClendon, V.J. (Eds.). (in process). World almanac on educational technologies. Retrieved February 22, 2005, from <http://www.waet.uga.edu/>.
- Orey, M., Fitzgerald, M.A., & Branch, R. M. (Eds.). (2004). Educational media and technology yearbook (Vol 29). Englewood, CO: Libraries Unlimited.
- Fitzgerald, M.A., Orey, M., & Branch, R. M. (Eds.). (2003). Educational media and technology yearbook (Vol 28). Englewood, CO: Libraries Unlimited.
- Fitzgerald, M.A., Orey, M., & Branch, R. M. (Eds.). (2002). Educational media and technology yearbook (Vol 27). Englewood, CO: Libraries Unlimited.
- Orey, M. (Ed.). (2001). Emerging perspectives on teaching and learning with technology. Retrieved February 22, 2005, from <http://www.coe.uga.edu/epltt/>. AECT sponsored publication (see, <http://www.aect.org/Intranet/Publications/>).
- Orey, M.A. (Ed.) (1994). *Proceedings of the Thirty-fifth International ADCIS Conference*. Nashville, TN: Omni Press.

Chapters in Books

- McClendon, J., Amiel, T., Ni, X., & Orey, M. (2004). Matchmaker, matchmaker, make me a match. In M. Orey, M. A. Fitzgerald, & R. M. Branch (Eds.). (2004), *Educational media and technology yearbook (Vol 29)* (pp. 108-118). Englewood, CO: Libraries Unlimited.
- Orey, M., & Koenecke, L. (2003). The experience of two learners learning at a distance via the internet a la Epic Learning. In M.A Fitzgerald, M. Orey, & R. M. Branch, (Eds.). (2003). *Educational media and technology yearbook (Vol 28)* (pp. 115-121). Englewood, CO: Libraries Unlimited

- Orey, M. A., (2001). Information processing. In M. Orey(Ed.), *Emerging perspectives on teaching and learning with technology*. Retrieved February 22, 2005, from <http://www.coe.uga.edu/epltt/>.
- Orey, M.A., & Nelson, W.A. (1997). : The impact of situated cognition: Instructional design paradigms in transition. In C.R. Dils & A. J. Romiszowski (Eds.), *Instructional development paradigms* (pp. 283-296). Englewood Cliffs, NJ: Educational Technology. (1998 Division of Instructional Development of AECT Book Award Winner.)
- Farquhar, J., & Orey, M. (1997). Intelligent tutoring systems: Toward knowledge representation. In C.R. Dils & A. J. Romiszowski (Eds.), *Instructional development paradigms* (pp. 805-814). Englewood Cliffs, NJ: Educational Technology. (1998 Division of Instructional Development of AECT Book Award Winner.)
- Orey, M.A., Garrison, J.W., & Burton, J.K. (1990). There's a pot 'a brewin' in psychological research methodology: What does it mean for research in education. In E.S. Dottin, T. Armstrong, R. Cummins, P. Edmisten, D. Fritz, & E. J. Ware (Eds.), *Thinking about education: Philosophical issues and perspectives* (pp. 166-189). Lanham, MD: University Press of America.
- Orey, M. A., & Miller, D. P. (1988). Diagnostic computer systems for arithmetic. In W. M. Reed & J.K. Burton, (Eds.), *Educational computing and problem solving* (pp.139-150). Haworth Press.
- McCoy, L. P., & Orey, M. A. (1988). Computer programming and general problem solving in secondary students. In W. M. Reed & J.K. Burton, (Eds.), *Educational computing and problem solving* (pp.151-158). Haworth Press.

Monograph
(none)

Journal Articles

- Amiel, T. & Orey, M. (in press). A pedagogical model for abstract concepts: Blending discourse and experience. To appear in *Pedagogy to Management Systems: Trends in Online Instruction*.
- Amiel, T., McClendon, V. J., Orey, M. (2007). A model for international collaborative development work in schools. *Educational Media International*, 44(2), 167-179.

- Amiel, T., & Orey, M. (2006/2007). Do you have the time? Investigating online classroom workload. *Journal of Educational Technology*, 35(1), 31-43.
- Orey, M., Koenecke, L., & Crozier, J. (2003) Learning Communities Via the Internet à la Epic Learning: You Can Lead the Horses to Water, But You Cannot Get Them to Drink. *Innovations in Education and Teaching International*, 40(3), 260-269.
- Fan, H.L., & Orey, M. (2002). An investigation of the processes of seventh graders' creating multimedia documents, *Computers in the Schools*, 19(1/2), 59-80.
- Fan, H.L., & Orey, M. (2001). The impact of seventh graders' creating multimedia documents on writing achievement. *Journal of Research on Technology in Education*, 33(5). Retrieved November 28, 2001, from <http://www.iste.org/jrte/33/5/index.html>.
- Moore, J.L., & Orey, M. (2001). The implementation of an electronic performance support system for teachers: An examination of usage, performance, and attitudes. *Performance Improvement Quarterly*, 14(1), 26-56.
- Orey, M. (2000). What results from a four-year partnership between me and a local middle school? *Meridian*, 3(1). Retrieved November 28, 2001, from http://www.ncsu.edu/meridian/archive_of_meridian/2000wint/index.html.
- Orey, M., Fan, H.F., Scott, E., Thuma, T. Robertshaw, B., Hogle, J., Tzeng, S.C., & Crenshaw, K. (2000). Stories about children and teachers as they create multimedia documents in a university influenced small city and a large inner-city. *Meridian*, 3(1). Retrieved November 28, 2001, from http://www.ncsu.edu/meridian/archive_of_meridian/2000wint/index.html.
- Moore, J. L., Orey, M. & Hardy, J. V. (2000). The Development of an Electronic Performance Support Tool for Teachers. *Journal of Technology and Teacher Education* 8(1), 29-52.
- Orey, M., Zhao, R., Kelly, M., Fan, H., Park, J., Harvey, E., & Hansen, S. (1998). Intelligent simulation training for army general user radio equipment. *International Courseware Engineering Quarterly*, 1, 37-47.
- Orey, M., Zhao, R., Fan, H., & Keenan, R. (1998). Summative evaluation of the SINCGARS Tutor. *Computers in Human Behavior*, 14(4), 579-595.
- Orey, M., Trent, A., Young, J., & Sanders, M. (1994). Development efficiency and effectiveness of alternative platforms for intelligent tutoring for the mobile subscriber radio-telephone terminal. *Computers in Education*, 22(4), 301-313.
- Legree, P.J., Gillis, P.D., & Orey, M.A. (1993). The quantitative evaluation of intelligent

tutoring system applications: Product and process criteria. *Journal of Artificial Intelligence in Education*, 4(2/3), 209-226.

Orey, M.A., & Nelson, W. A. (1993). Development principles for intelligent tutoring systems: Integrating cognitive theory into the development of computer-based instruction. *Educational Technology Research and Development*, 41(1), 59-72.

Orey, M.A., & Burton, J.K. (1992). The trouble with error patterns. *Journal of Research on Computing in Education*, 25(1), 1-17.

Orey, M.A., Park, J.S., Chanlin, L.J., Jih, H., Gillis, P.D., Legree, P.J., & Sanders, M.G. (1992). High bandwidth diagnosis within the framework of a microcomputer-based intelligent tutoring system. *Journal of Artificial Intelligence in Education*, 3(1), 63-80.

Orey, M. A. (1990). Interface design for high bandwidth diagnosis: The case of POSIT. *Educational Technology*, 30(9), 43-48.

Orey, M. A., & Burton, J. K. (1990). POSIT: Process oriented subtraction-interface for tutoring. *Journal of Artificial Intelligence in Education*. 1(2), 77-104.

Couch, R.A., Branch, R.C., & Orey, M. A. (1989). Corporate internships as part of a graduate program in Instructional Technology. *Performance & Instruction*. 28(9), 26-28.

Orey, M. A., Garrison, J. W., & Burton, J. K. (1989). A philosophical critique of null-hypothesis testing. *Journal of Research and Development in Education*, 22 (3), 12-21.

Orey, M. A., & Miller, D. P. (1988). Diagnostic computer systems for arithmetic. *Computers in the Schools*, 4 (3/4), 139-149.

McCoy, L. P., & Orey, M. A. (1988). Computer programming and general problem solving in secondary students. *Computers in the Schools*, 4 (3/4), 151-157.

Bulletins, Proceedings, or Reports

Orey, M., McClendon, J., Amiel, T. (2005, March). The world almanac of educational technologies - A free web book. In C. Crawford, D. Willis, R. Carlsen, I. Gibson, K. McFerrin, J. Price & R. Weber (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2005* (pp. 1733-1735). Chesapeake, VA: AACE.

Orey, M. Amiel, T. McClendon, J., Eastmond, J. N., Filho, J. A. C., Pequeno, M., Morgado, E. M. (2005, March). The world as our classroom: Teacher preparation for

- a global age. In C. Crawford, D. Willis, R. Carlsen, I. Gibson, K. McFerrin, J. Price & R. Weber (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2005* (pp. 1736-1738). Chesapeake, VA: AACE.
- McClendon, V. J., Amiel, T., Orey, M., Castro Filho, J. A., Lenharo, M. J., & West, R. (2005). Educational applications of global communications technologies: Connecting teams and enhancing collaborative learning. In Wilson, R. H., & Hogg, M. (Eds.), *Fifth Annual US-Brazil Higher Educational Consortia Meeting* (pp. 123-130). Washington, DC: Howard University.
- McClendon, V. J., Amiel, T., & Orey, M. (2003, November). Parties of three: Fostering learning communities online . Paper presented at the World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education (pp. 1475-1478). Phoenix, AZ: Association for the Advancement of Computing in Education.
- Amiel, T. McClendon, V. J. & Orey, M. (2003, November). Real time in the virtual classroom: A case study of student time use and behaviors in an online classroom. *Proceedings of the World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education* (pp. 1946-1952). Phoenix, AZ: Association for the Advancement of Computing in Education.
- McClendon, J; Amiel, T.; & Orey, M. (2003). Supporting Student Collaboration Online. In M. N. Clay & J. P. Gubbins (Eds.), *Proceedings of the Distance Learning Administration 2003 Conference* (pp. 93-94). Jekyll Island, GA: State University of West Georgia Distance Education Center.
- Orey, M. (2003). Products and packaging: What will sell in higher education?. In M. N. Clay & J. P. Gubbins (Eds.), *Proceedings of the Distance Learning Administration 2003 Conference* (pp. 105-106). Jekyll Island, GA: State University of West Georgia Distance Education Center.
- Orey, M. (2002). Emerging perspectives on teaching, learning, and technology: An E-Book. In M Driscoll & T. Reeves (Eds.), *Proceedings of the E-Learn 2002 Conference* (pp. 2694-2695). Montreal, Canada:
- Orey, M., & McKenzie, B. (2002). *What Administrators Should Know about EpicLearning and Its Impact*. In M. N. Clay & J. P. Gubbins (Eds.), *Proceedings of the Distance Learning Administration 2002 Conference* (pp. 77-82). Jekyll Island, GA: State University of West Georgia Distance Education Center.
- Orey, M., & Kim, B. (2001). *Blended Learning: What Do They Use in an Online Introduction to Computers For Teachers Class?* In W. Fowler & J. Hasebrook (Eds.), *Proceedings of WebNet 2001* (pp. 953-956). Orlando, FL: AACE.

- Orey, M., & Koenecke, L. (2000). *The Experience of Two Learners Learning at a Distance Via the Internet a la Epic Learning*. In G. Davies & C. Owen (Eds.), *Proceedings of WebNet 2000* (pp. 794-795). San Antonio, TX: AACE.
- Orey, M., & Koenecke, L. (2000). *Self Identified Motivations Of Online Learners Studying At Epiclearning.Com*. In G. Davies & C. Owen (Eds.), *Proceedings of WebNet 2000* (pp. 792-793). San Antonio, TX: AACE.
- Orey, M.A. (1995). *Evaluation of Device Operation in the Context of a Coached Simulation Environment*. (Contract No. DAAL03-91-C-0034, TCN Number 94-021, Delivery Order No. 1104). Washington, DC: United States Army Research Institute.
- Orey, M.A. (1994). A large scale evaluation of a hypermedia intelligent tutoring system. In M. Orey (Ed.), *Proceedings of the Thirty-fifth International ADCIS Conference* (pp. 124-131). Nashville, TN: Omni Press.
- Orey, M., Trent, A., & Young, J. (1993). Development efficiency and effectiveness of alternative platforms for intelligent tutoring. In P. Brna, S. Ohlsson, & H. Pain (Eds.), *Proceedings of Artificial Intelligence in Education*, (pp.42-49). Edinburgh, Scotland: AACE.
- Branch, R.C., Couch, R., & Orey, M. (1992). *A systems approach to selecting an internship*. Educational Resources Information Center Clearinghouse on Higher Education. (ERIC Document Production Service No. ED 338137).
- Orey, M.A. (1992). *Development efficiency and effectiveness of alternative platforms for intelligent tutoring for the mobile subscriber radio-telephone terminal*. (Contract No. DAAL03-91-C-0034, TCN Number, 92-287). Washington, DC: United States Army Research Institute.
- Orey, M.A., Park, J.S., Chanlin, L.J., Gillis, P., & Legree, P. (1992). *Does ITS Help, Help? and, Is an ITS Error Diagnosis a Remedy?*. In H. Troutner (Ed.), *Proceedings of the Thirty-fourth Association for the Development of Computer-based Instructional Systems*, (pp. 517-530). Norfolk, VA: ADCIS.
- Orey, M.A., Park, J.S., Chanlin, L.J., Gillis, P., & Legree, P. (1991). Intelligent multimedia training for the signal corp. In R.B. Loftin & D.F. Cupitt (Eds.), *Proceedings of the Contributed Sessions 1991 Conference on Intelligent Computer-Aided Training* (pp. 127-138). Houston, TX: NASA.
- Orey, M.A. (1991). External evaluation of POSIT. In D. W. Dalton (Ed.), *Proceedings of the Thirty-third Association for the Development of Computer-based Instructional Systems*, (pp. 365-373). St. Louis, Missouri: ADCIS.

- Orey, M.A., Okey, J.R., Jones, M.G., & Stanley, L.S. (1991). Integrating cognitive theory into Gagné's instructional events. In D. W. Dalton (Ed.), *Proceedings of the Thirty-third Association for the Development of Computer-based Instructional Systems*, (pp. 377-382). St. Louis, Missouri: ADCIS.
- Park, J.S., & Orey, M.A. (1991). Knowledge acquisition and knowledge representation in intelligent computer-aided instruction. In D. W. Dalton (Ed.), *Proceedings of the Thirty-third Association for the Development of Computer-based Instructional Systems*, (pp. 374-376). St. Louis, Missouri: ADCIS.
- Orey, M.A., Legree, P., Gillis, P., & Bloom, E. (1991). A plan for the evaluation of intelligent tutoring systems. In M.R. Simonson & C. Hargrave (Eds.), *Proceedings of the Thirteenth Association for Educational Communications and Technology* (pp. 593-609). Orlando, Florida: AECT.
- Orey, M.A., & Nelson, W. A. (1991). Using ITS design principles to integrate cognitive theory into CBE. In M.R. Simonson & C. Hargrave (Eds.), *Proceedings of the Thirteenth Association for Educational Communications and Technology* (pp. 611-624). Orlando, Florida: AECT.
- Orey, M.A., Okey, J. R., Jones, M. G., & Stanley, L. S. (1991). Integrating cognitive theory into instructional theory. In M.R. Simonson & C. Hargrave (Eds.), *Proceedings of the Thirteenth Association for Educational Communications and Technology* (pp. 625-634). Orlando, Florida: AECT.
- Orey, M. A. (1990). *High bandwidth diagnosis within the framework of a microcomputer-based intelligent tutoring system: The advanced learning for mobile (ALM) subscriber equipment*. (Contract No. DAAL03-86-D-0001, Delivery Order, 1855). Washington, DC: United States Army Research Institute.
- Orey, M.A. & Nelson, W. A. (1990). How to apply intelligent tutoring principles to the design of computer-based instruction. In D. W. Dalton (Ed.), *Proceedings of the Thirty-second Association for the Development of Computer-based Instructional Systems*, (pp. 377-382). San Diego, California: ADCIS.
- Orey, M.A. (1990). The evaluation of intelligent tutoring systems: A plan and an example. In D. W. Dalton (Ed.), *Proceedings of the Thirty-second Association for the Development of Computer-based Instructional Systems*, (pp. 373-376). San Diego, California: ADCIS.
- Orey, M. A., & Underhill, R. G. (1987). The evolution and exploration of a paradigm for studying mathematical knowledge. In J. C. Bergeron, N. Herscovics & C. Kieran (Eds.), *Proceedings of the Eleventh International Conference on the Psychology of Mathematics Education, (Vol II)*, (pp. 385-392). Montreal, Quebec, Canada:

University of Montreal Press.

Abstracts
(none)

Web Pages

Orey, M. (2006). Headset Comparison for HorizonWimba. Accessed February 27, 2006 at <http://www.coe.uga.edu/~morey/headsets/>.

Orey, M. (2002). Definition of blended learning. Accessed February 27, 2006 at <http://www.arches.uga.edu/~mikeorey/blendedLearning/>.

Computer Programs

Orey, M.A., & Others (1999-2001). *Learning Management System for EpicLearning* [Computer program]. Atlanta, GA: <http://www.epiclearning.com>.

Orey, M.A. (1997). *Teacher Tools* [Computer program]. Athens, GA: The University of Georgia.

Orey, M.A. (1996). *Things to Do in Athens* [Computer program]. Athens, GA: The University of Georgia.

Orey, M.A. (1996). *Herbal Medicine*[Computer program]. Athens, GA: The University of Georgia.

Orey, M.A. (1995). *Middle School Multimedia Documents*[On-line]. <http://lpsl1.coe.uga.edu/OreyPage/middle-school.html>.

Orey, M.A. (1995). *Navajo SandPainting HomePage*[On-line]. <http://lpsl1.coe.uga.edu/OreyPage/navajo/navajo.html>.

Orey, M.A. (1995). *Navajo SandPainting*[Computer program]. Athens, GA: The University of Georgia.

Orey, M.A. (1994). *The SINCGARS Tutor* [Computer program]. Athens, GA: The University of Georgia.

Orey, M.A. (1992). *The MSRT Tutor* [Computer program]. Athens, GA: The University of Georgia.

Orey, M.A. (1991). *MALM tutorial in Toolbook*. [Computer program]. Athens, GA: The University of Georgia.

Orey, M.A. (1991). *MALM: Modified advanced learning for MSE* [Computer program]. Athens, GA: The University of Georgia.

Orey, M. A. (1990). *POSIT: An intelligent tutoring system* [Computer program]. Athens, GA: The University of Georgia.

Orey, M. A. (1990). *POSIT: An alternative to an intelligent tutoring system* [Computer program]. Athens, GA: The University of Georgia.

Orey, M. A. (1990). A tutorial for the program *POSIT* [Computer program]. Athens, GA: The University of Georgia.

Orey, M. A. (1990). *Advanced learning for MSE: An intelligent tutoring system* [Computer program]. Athens, GA: The University of Georgia.

Orey, M. A. (1990). *HyperCard/hypermedia tutorial* [Computer program]. Athens, GA: The University of Georgia.

Book Reviews

Orey, M. A. (1990). Book review of *Foundations of intelligent tutoring systems*. Educational Technology Research and Development, 38(3), 90-92.

Garrison, J. W., & Orey, M. A. (1990). Book review of *Complementary Methods for Research in Education*. Journal of Qualitative Studies in Education, 3(4), 386-388.

B. Creative Contributions

(none)

C. Grants Received

Changing Perspectives: Technology Integration and the Multicultural Classroom. FIPSE/CAPES. September, 2003 – August 2007 - \$350,000

A Project-Based Environmental Education Program using Hand-Held Data Collection Technology with Denver Area High School 'At-Risk' Students. Department of Energy via a sub-contract with ADA, September, 2000 - June, 2001 - \$11,600.

Practice in the Field of IT. Archimedes Performance, August 2000 - December 2000 - \$5,500.

Practice in the Field of IT. Archimedes Performance, January 2000 - May 2000 - \$8,350.

An Evaluation of Epic Learning's Distance Education Program. Epic Learning, September 1999 - December 1999 - \$20,362.50.

Practice in the Field of IT. Archimedes Performance, September 1999 - December 1999 - \$12,525.

Multimedia Documents Created by Inner-City Youth, Atlanta Project, University of Georgia, September, 1995 to June, 1996 - \$20,000.

Clarke Middle School Multimedia Project, Model Technology Grant, State of Georgia, January, 1995 - December, 1995 - \$92,000.

Multimedia Documents Created by At-risk Youth, Georgia Research Alliance, Georgia Center for Advanced Telecommunications Technology, September, 1994 to September, 1995 - \$60,000.

SINCGARS Tutor Development: An Application of Fuzzy Logic to ITS, United States Army Research Institute, June 1, 1994 to June 30, 1995 - \$95,000.

Matrix for Research on Interactive Learning Systems, United States Army Research Institute, September, 1993 to September, 1994 - \$54,000.

Matrix for Research on Interactive Learning Systems, Georgia Research Alliance, Georgia Center for Advanced Telecommunications Technology, September, 1993 to September, 1994 - \$54,000.

ISTE Grants Competition for Visual Basic, International Society for Technology in Education (J. Farquhar and M. Orey). Awarded \$23,190 worth of software.

Learning and Performance Support Laboratory, Georgia Research Alliance, Georgia Center for Advanced Telecommunications Technology (Co-Investigator), September, 1992 to September, 1993 - \$1,100,000.

Knowledge Engineering for the Intelligent Decision Aid for Mobile Subscriber Equipment. United States Army Research Institute, August, 1991 to January, 1992 - \$25,000.

Microcomputer-based Intelligent Tutoring for the Mobile Subscriber Equipment. United States Army Research Institute, January, 1991 to September, 1991 - \$30,000.

D. Recognitions and Achievements

Teacher of the Year (2006). Instructional Technology Student Association, University of Georgia.

Advisor of the Year (2005). Instructional Technology Student Association, University of Georgia.

Recognition for Graduate Student Research Award from the American Educational Research Association (1988). New Orleans, Louisiana.

Summer Faculty Research Fellowship, Army Research Institute, Fort Gordon, Augusta, Georgia, 1990.

Summer Faculty Research Fellowship, Army Research Institute, Fort Gordon, Augusta, Georgia, 1992.

E. Areas of Research

Application of Cognitive Theory to Learning
Emerging Technologies for Learning
Online Learning
Multicultural Education

F. Supervision of Student Research (see 2C)

G. Editorship or Editorial Board Member

Member, Board of Associate Editors, *Educational Technology Research and Development*, 2004-Present.

Editor and Creator, *Instructional Technology Monographs*, Web-based journal for specialist student research projects, <http://projects.coe.uga.edu/itm/>, 2004-Present.

Member, Board of Associate Editors, *Journal of Research on Computing in Education*, 1992-1997.

Reviewer, *AECT -Research and Theory Division, conference papers*, 1993.

Editor, *ADCIS Newsletter*, 1991 (Vol. 24, No. 2) - 1992 (Vol. 25, No. 3).

Reviewer, *AECT RTD Special Research Award*, 1992.

Coordinator of the Review Process, Association for the Development of Computer-Based Instructional Systems, SIGTAR, 1991.

Member, Editorial Board, West Virginia Association of Computer Education Yearbook, 1987.

Reviewer, Eastern Educational Research Association, 1986 - 1989

Reviewer, Association for the Development of Computer-Based Instructional Systems, 1990-1991.

H. Convention Papers and Invited Talks

Invited Talks

Orey, M. (2007). Wiki books: Every faculty member should write one. Invited talk at the Universidade Estadual de Campinas. Campinas, Brazil.

Laferriere, T., Resta, P., Davis, N., Mclaughlin, R., Orey, M., Shakwa, G., Malone, T., Wilder, H., Gibson, I., Beisser, S., FitzGibbon, A., Freeman, E. B., Castro-Filho, J. A., Voogt, J., Knezek, G., Hargrave, C. (2007). Digital Divide and International Research and Development in Information Technology and Teacher Education – 2 Hour Special Invited Panel presented at the International Conference of the Society for Information Technology & Teacher Education, San Antonio, TX.

Orey, M. (2007). Interactivity tips for teaching live online. Brown bag presentation for the USG sponsored HorizonWimba session – <http://lecture.horizonwimba.com> - 53 people attended from around Georgia.

Orey, M. (2006). O Impacto das TIC na Educação nos EUA: Fatos, Dados, Interpretações e Previsões.. Keynote address presented at the XVII annual Simpósio Brasileiro de Informática na Educação. Brasília, DF.

- Orey, M. (2006). The impact of ICT on education in America: Facts, data, interpretations, forecasts. Politecnico di Milano program for technology leaders throughout Italy.
- Orey, M. (2006). Interactivity tips for teaching live online. Brown bag presentation for the USG sponsored HorizonWimba session – <http://lecture.horizonwimba.com> - 23 people attended from around Georgia.
- Orey, M. & Amiel, T. (2005). Abrindo portas e mentes: Mudança conceitual em tecnologia educacional. (Opening doors and minds: Conceptual change in educational technology). Centro de Referência do Professor, City of Fortaleza.
- Orey, M. (2005). Instructional design tips for teaching live online. Presented at the April 2005 Horizon Wimba Desktop Lecture Series. <http://lecture.horizonwimba.com> - 54 people attended from around the world.
- Orey, M. (2004). Instructional design tips for teaching live online. Presented at the July 2004 Horizon Wimba Desktop Lecture Series. <http://lecture.horizonlive.com> - 74 people attended from around the world.
- Orey, M. (2003). Best practices in HorizonLive at UGA. Paper presented October 15 as part of the HorizonLive Desktop Lecture Series: 3-Year Anniversary Special.. <http://www.horizonlive.com> - 31 people attended from around the world.
- Orey, M. (2001, November). Blended learning: What do learners really use?. Paper presented November 6 as part of the ITFORM/E-Learning Exchange Seminars. <http://www.epiclearning.com> - 34 people attended from around the world.
- Orey, M. (2001, August). Blended learning: What do learners really use?. Paper presented August 29 as part of the ITFORM/E-Learning Exchange Seminars. <http://www.epiclearning.com> - 73 people attended from around the world.
- Orey, M. (2001, July). Introduction to computers for teachers at UGA using Epic Learning's Technologies. Paper presented July 2 as part of the ITFORM/E-Learning Exchange Seminars. <http://www.epiclearning.com> - 44 people attended from around the world.
- Orey, M. (2000). Instructional models/methods for the internet. Designer in residence program, Douglas Mawson Institute, TAFE, Adelaide, Australia.

International

- Amiel, T., McClendon, M., & Orey, M (2007, November). A pedagogical approach to writing e-books. Paper presented at the Sociedade Brasileira de Informática na Educação conference. São Paulo, SP.
- Orey, M. (2002). Using webconferencing technology in an online graduate course. Paper presented at the annual meeting of the E-Learn 2002 Conference. Montreal, Canada.
- Orey, M. (2002). Emerging perspectives on teaching, learning, and technology: An E-Book. Paper presented at the annual meeting of the E-Learn 2002 Conference. Montreal, Canada.
- Orey, M. (1998). The impact of visually rich images on motivation in a graduate project-based multimedia development class. Paper presented at the annual meeting of the International Visual Literacy Association conference. Athens, Georgia.
- Orey, M., Fan, H.L., Park, J.S., & Tzeng, S.C., Gustafson, K., & Sanders, M. (1995). *Transfer and Retention of Device Operation Knowledge as the Result of Learning from a Coached Simulation Environment* Paper presented at the annual meeting of the ED-Media conference. Gras, Austria.
- Orey, M., Trent, A., & Young, J. (1993). Development efficiency and effectiveness of alternative platforms for intelligent tutoring. Paper presented at the annual World Conference on Artificial Intelligence in Education. Edinburgh, Scotland.
- Orey, M. A., & Underhill, R. G. (1987, July). *The evolution and exploration of a paradigm for studying mathematical knowledge*. Paper presented at the meeting of the Psychology of Mathematics Education. Montreal, Canada.

National

- Orey, M., Barreto, D., Almassi, P., Amiel, T., Morceli, G., & Melaré, D. (2007, March). A Model for Service-Learning for Technology Integration: Implications for Schools and Colleges of Education. Paper presented at the Society for Information Technology & Teacher Education, San Antonio, TX.
- Orey, M., Castro Filho, J. A, Amiel, T., & McClendon, V. J. (2007, March) Changing Perspectives: Reflections on Four Years of International-Service Learning in US and Brazil. Paper presented at the Society for Information Technology & Teacher Education, San Antonio, TX.
- McClendon, J., Amiel, T., Orey, M. (2006, March). Leveraging online innovations: Forging multicultural connections for educational change. Full paper presented at the

International Conference of the Society for Information Technology & Teacher Education, Orlando, FL.

Orey, M., McClendon, J., Amiel, T. (2005, March). The world almanac of educational technologies - A free web book. Poster presented at the International Conference of the Society for Information Technology & Teacher Education, Phoenix, AZ.

Orey, M. Amiel, T. McClendon, J., Eastmond, J. N., Filho, J. A. C., Pequeno, M., Morgado, E. M. (2005, March). The world as our classroom: Teacher preparation for a global age. Panel presented at the International Conference of the Society for Information Technology & Teacher Education, Phoenix, AZ.

Orey, M., & Shattuck, G. (2005, March). Technology Leadership Certification in Georgia: Should we or Shouldn't We? Paper presented at the Society for Information Technology & Teacher Education, Phoenix, AZ.

Amiel, T. & Harrelson, C., & Orey, M. (2004, October). Faculty reflections on student self-reported workload. Roundtable presented at the Annual International Convention of the Association for Educational Communications and Technology, Chicago, IL.

McClendon, V. J., Amiel, T., & Orey, M. (2003). Parties of three: Fostering learning communities online . Paper presented at the World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, Phoenix, AZ.

Amiel, T. McClendon, V. J. & Orey, M. (2003). Real time in the virtual classroom: A case study of student time use and behaviors in an online classroom. Paper presented at the World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, Phoenix, AZ.

McClendon, J., Amiel, T., & Orey, M. (2003). *Supporting Student Collaboration Online*. Paper presented at the annual meeting of the Distance Learning Administration 2003 Conference. Jekyll Island, GA.

Orey, M. (2003). *Products and Packaging: What Will Sell in Higher Education?*. Paper presented at the annual meeting of the Distance Learning Administration 2003 Conference. Jekyll Island, GA.

Orey, M., (2002). A vision for textbooks in our field. Paper presented at the annual meeting of the Association of Educational Communications and Technology. Dallas, TX.

Orey, M., Hill, J., & Rieber, L. (2002). Using webconferencing technology in online graduate courses: The experience of three professors. Paper presented at the annual

meeting of the Association of Educational Communications and Technology. Dallas, TX.

Rieber, L., Orey, M., & Hill, J. (2002). Teaching in the Studio Experience at the University of Georgia. Paper presented at the annual meeting of the Association of Educational Communications and Technology. Dallas, TX.

Orey, M., & McKenzie, B. (2002). *What Administrators Should Know about EpicLearning and Its Impact*. Paper presented at the annual meeting of the Distance Learning Administration 2002 Conference. Jekyll Island, GA.

Fitzgerald, M. A., Tallman, J., Orey, M., & Hill, J. (2001). *Flexible course delivery: Meeting the needs of Georgia K-12 educators*. Paper presented at the annual Conference of the Association of Educational Communications and Technology. Atlanta, GA.

Orey, M., Kim, B., & Tallman, J. (2001). Computers for teachers online: A continuing partnership between EpicLearning and UGA. Paper presented at the annual Conference of the Association of Educational Communications and Technology. Atlanta, GA.

Orey, M., Winward, S., & DiStefano, B. (2001). *A project-based environmental education program using hand-held data collection technology with Denver area high school at-risk students*. Paper presented at the annual Conference of the Association of Educational Communications and Technology. Atlanta, GA.

Rieber, L., Orey, M., Branch, R., & King, J. (2001). *The studio experience at the University of Georgia: Why we did it and how it works*. Paper presented at the annual Conference of the Association of Educational Communications and Technology. Atlanta, GA.

Orey, M., & Kim, B. (2001). Blended learning: What do they use in an online introduction to computers for teachers class?. Paper presented at the annual meeting of WebNet 2001, Orlando, FL.

Orey, M., & Koenecke, L. (2000). *The Experience of Two Learners Learning at a Distance Via the Internet a la Epic Learning*. Paper presented at the annual meeting of WebNet 2000, San Antonio, TX.

Orey, M., & Koenecke, L. (2000). *Self Identified Motivations Of Online Learners Studying At Epiclearning.Com*. Paper presented at the annual meeting of WebNet 2000, San Antonio, TX.

- Rieber, L., Orey, M., King, J., & Matzko, M. (2000). The Studio experience: Curriculum reform in an instructional technology graduate program. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
- Moore, J.L. & Orey, M. (1999). *A user-centered approach for developing performance tools for teachers*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Houston, TX.
- Orey, M. (1999). *University-Faculty and Individual-School Partnerships: A Personal Narrative on Service Learning*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Houston, TX.
- Zhao, R. & Orey, M. (1999). *Implementing the Scaffolding Strategy with the Computer*. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Houston, TX.
- Moore, J.L. & Orey, M. (1998). *Design and development of an electronic performance support system for teachers*. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- Orey, M., Fan, H.L., Hardy, J., Scott, E., & Crenshaw, K., (1997). Multimedia Projects by Middle-School Children in an University Influenced Small-City and a Large City. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- Orey, M., Zhao, R., Kelly, M., Fan, H.L., Park, J.S., Keenan, R., Hansen, S., & Harvey, E. (1996). *Combining fuzzy logic, conceptual models, and photorealism*. Paper presented at the annual meeting of the American Educational Research Association conference. New York.
- Orey, M., Fan, H.L., Crenshaw, K., & Zhao, R. (1996). *Qualitative analysis of stories about kids developing multimedia documents*. Paper presented at the annual Qualitative Interest Group conference. Athens, Georgia.
- Orey, M., Fan, H.L., Park, J.S., & Tzeng, S.C. (1995). *The acquisition and retention of device operation knowledge via an intelligent coached simulation environment*. Paper presented at the annual meeting of the Association of Educational Communications and Technology. Anaheim, CA.
- Orey, M., Soloway, E., Spaulding, R., DiStefano, B., Reeves, T., Reinking, D., Rieber, L., Nelson, W., Palumbo, D., Crenshaw, K., & Harmon, S. (1995). *Children's constructions of multimedia documents: A showcase of materials*. A showcase presented at the annual meeting of the Association of Educational Communications and Technology. Anaheim, CA.

- Hale, M., Orey, M., & Reeves, T. (1995). *The portable usability testing lab: A flexible research tool*. Paper presented at the annual meeting of the Association of Educational Communications and Technology. Anaheim, CA.
- Orey, M.A. (1994). *A large scale evaluation of a hypermedia intelligent tutoring system*. Paper presented at the annual meeting of Association for the Development of Computer-based Instructional Systems. Nashville, TN.
- Nelson, W.A., Harmon, S.W., Orey, M.A., & Palumbo, D.B. (1993). *Techniques for the analysis and evaluation of user interactions with hypermedia systems*. Paper presented at the annual World Conference on Educational Multimedia and Hypermedia. Orlando, Florida.
- Orey, M.A. (1993). *Three years of ITS Evaluation: Where are we?* Paper presented at the annual meeting of the American Educational Research Association. Atlanta, Georgia.
- Orey, M., Trent, A., & Young, J. (1993). *Development efficiency and effectiveness of alternative platforms for intelligent tutoring*. Paper presented at the annual Conference on Intelligent Computer-aided Training and Virtual Environment Technology. Houston, Texas.
- Orey, M.A. (1992). *Development efficiency and effectiveness of alternative platforms for intelligent tutoring for the mobile subscriber radio-telephone terminal*. Paper presented at the annual meeting of . Association for the Development of Computer-based Instructional Systems. Norfolk, VA.
- Orey, M.A., Park, J.S., Chanlin, L.J., Gillis, P., & Legree, P. (1992). *Does ITS Help, Help? and, Is an ITS Error Diagnosis a Remedy?*. Paper presented at the annual meeting of the Association for the Development of Computer-based Instructional Systems. Norfolk, VA.
- Orey, M.A.,(1992). *IDARS: Intelligent decision aid representation system*. Paper presented at the AI Proponency Conference. Washington, DC.
- Orey, M.A., Park, J.S., Chanlin, L.J., Gillis, P., & Legree, P. (1992). *An evaluation of an ITS based on social interaction research methodology*. Paper presented at the annual meeting of Southeast Cognitive Science Society. Atlanta, GA.
- Orey, M.A., Park, J.S., Chanlin, L.J., Gillis, P., & Legree, P. (1991). *Intelligent multimedia training for the signal corp*. Paper presented at the annual meeting of Intelligent Computer Aided Training. Houston, TX.

- Jih, H., & Orey, M.A. (1991, November). *The application of human factors to the ID process for computer-based programs*. Paper presented at the annual meeting of the Association for the Development of Computer-based Instructional Systems. St. Louis, MO.
- Orey, M.A. (1991, November). *External evaluation of POSIT*. Paper presented at the annual meeting of the Association for the Development of Computer-based Instructional Systems. St. Louis, MO.
- Orey, M.A., Okey, J. R., Jones, M. G., & Stanley, L. S. (1991, November). *Integrating cognitive theory into Gagné's instructional events*. Paper presented at the annual meeting of the Association for the Development of Computer-based Instructional Systems. St. Louis, MO.
- Park, J. S., & Orey, M. A. (1991, November). *Knowledge acquisition and knowledge representation in intelligent computer-aided instruction*. Paper presented at the annual meeting of the Association for the Development of Computer-based Instructional Systems. St. Louis, MO.
- Rowley, T., & Orey, M. A. (1991, November). *Development of an intelligent tutoring system in accounting*. Paper presented at the annual meeting of the Association for the Development of Computer-based Instructional Systems. St. Louis, MO.
- Nelson, W. A., & Orey, M.A. (1991, April). *Reconceptualizing the ID process: Lessons learned from cognitive science*. Paper presented at the annual meeting of the American Educational Research Association. Chicago, IL.
- Orey, M.A., Legree, P., Gillis, P., & Bloom, E. (1991, February). *A plan for the evaluation of intelligent tutoring systems*. Paper presented at the annual meeting of the Association of Educational Communications and Technology. Orlando, FL.
- Orey, M.A., & Nelson, W. A. (1991, February). *Using ITS design principles to integrate cognitive theory into CBE*. Paper presented at the annual meeting of the Association of Educational Communications and Technology. Orlando, FL.
- Orey, M.A., Okey, J. R., Jones, M. G., & Stanley, L. S. (1991, February). *Integrating cognitive theory into instructional theory*. Paper presented at the annual meeting of the Association of Educational Communications and Technology. Orlando, FL.
- Orey, M.A. & Nelson, W. A. (1990, November). *How to apply intelligent tutoring principles to the design of computer-based instruction*. Paper presented at the annual meeting of the Association for the Development of Computer-based Instructional Systems. San Diego, CA.

Orey, M.A. (1990, November). *The evaluation of intelligent tutoring systems: A plan and an example*. Paper presented at the annual meeting of the Association for the Development of Computer-based Instructional Systems. San Diego, CA.

Orey, M.A. (1989, November). *The design and evaluation of an intelligent tutoring system for subtraction*. Paper presented at the annual meeting of the Association for the Development of Computer-based Instructional Systems. Washington, D.C.

Orey, M. A., Nelson, W. A., & Burton, J. K. (1988, August). *Ashcraft and Baroody: An eclectic alternative*. Paper presented at the annual meeting of the American Psychological Association. Atlanta, Georgia.

Orey, M. A., & Burton, J. K. (1988, April). *One step closer toward an arithmetic diagnostic system*. Paper presented at the annual meeting of the American Educational Research Association. New Orleans, Louisiana.

Orey, M. A., Garrison, J. W., & Burton, J. K. (1988, April). *There is a pot 'a brewin' in psychological research methodology: What does it mean for research in education?* Paper presented at the annual meeting of the American Educational Research Association. New Orleans, Louisiana.

Orey, M. A., Burton, J. K., McCoy, L. P., Cook, D. W., Sales, C. A., Cavalier, D. G., & Lilak, R. J. (1986, April). *LOGO programming in the first grade*. Paper presented at the annual meeting of the American Educational Research Association. San Francisco, California.

Regional

Orey, M., McClendon J., Amiel, T. (2005, March). Changing perspectives - Establishing and exchange program for teachers between the US and Brazil. Paper presented at the Eastern Educational Research Association, Sarasota, FL.

Orey, M., McClendon J., Amiel, T. (2005, March). The world almanac of educational technology. Paper presented at the Eastern Educational Research Association, Sarasota, FL.

Orey, M., McClendon J., Amiel, T., & Shattuck, G. (2005). Is It Time for Technology Certification for Technology Coordination in the Schools? Paper presented at the Eastern Educational Research Association, Sarasota, FL.

- McClendon, V. J., Ni, X., Hartfield, F., Thomas, M., Orey, M., Amiel, T. (2004). Flexible delivery of a graduate masters and specialist program: The program director's and four case studies views. Paper presented at the Eastern Educational Research Association, Clearwater, FL.
- Amiel, T., McClendon, V. J., Orey, M. (2004). Changing perspectives: Technology integration and the multicultural classroom. Paper presented at the Eastern Educational Research Association, Clearwater, FL.
- Orey, M. (2003). *The creation of an eBook on learning and instructional theory: The process and the creation of the book itself*. Paper presented at the annual meeting of the Eastern Educational Research Association, Hilton Head, SC.
- McClendon, J., Amiel, T., & Orey, M. (2003). *It's about time! A case study of student time use and behaviors in a synchronous classroom*. Paper presented at the annual meeting of the Eastern Educational Research Association, Hilton Head, SC.
- Orey, M. (2002). *One year of online blended learning: Lessons learned*. Paper presented at the annual meeting of the Eastern Educational Research Association, Sarasota, FL.
- Orey, M. (2002). *Online virtual classrooms: HorizonLive, Centra, Placeware and TutorsEdge*. Paper presented at the annual meeting of the Eastern Educational Research Association, Sarasota, FL.
- Fitzgerald, M. A., Tallman, J., Orey, M., & Hill, J. (2001). *Meeting the Challenge: New UGA Programs in Instructional Technology and Library Media*. Paper presented at the annual Council Of Media Organizations (COMO) conference, Jekyll Island, GA.
- Orey, M., DiStefano, B., & Winward, S. (2001). *A project-based environmental education program using hand-held data collection technology with Denver area high school at-risk students*. Paper presented at the annual meeting of the Eastern Educational Research Association, Hilton Head, SC.
- Kim, B., Orey, M., & Tallman, J. (2001). *Introduction to computers for teachers online: A corporate (EpicLearning) and university (UGA) partnership*. Paper presented at the annual meeting of the Eastern Educational Research Association, Hilton Head, SC.
- Orey, M. (2000). Technology Training for Teachers Over the Internet. Invited presentation at the Fall Conference of the League of Professional Schools, Duluth, GA.

- Orey, M., & Koecke, L. (2000). *Distance learning via the internet a la Epic Learning*. Paper presented at the annual meeting of the Eastern Educational Research Association, Clearwater, FL.
- Orey, M., Rieber, L., & King, J. (1999). *The studio: Curriculum reform for an instructional technology graduate program*. Paper presented at the annual meeting of the Eastern Educational Research Association, Hilton Head, SC.
- Moore, J., & Orey, M. (1997). *Teacher Tools: Performance Technology Created for Teachers*. Paper presented at the annual meeting of the Georgia Educational Research Association, Atlanta, GA.
- Orey, M., Sherman, K., & Crenshaw, K. (1997). *Project-based Education Applied to Multimedia Projects*. Presentation made at the League of Professional School's annual meeting, Athens, GA.
- Orey, M., Moore, J., Hardy, J., & Serrano, R., (1997). *Designing an Electronic Performance Support Tool for Teachers*. Paper presented at the annual meeting of the Eastern Educational Research Association, Hilton Head, SC.
- Orey, M., Hardy, J., Peng, C.H., Tzeng, S.C., Robertshaw, B., Hamilton, T., Thuma, T., Scott, E., Fan, H.L., & Crenshaw, K., (1997). *The Impact of Multimedia Language Arts' Projects on the Writing Performance of Seventh Graders* Paper presented at the annual meeting of the Eastern Educational Research Association, Hilton Head, SC.
- Orey, M. (1996). *The use of fuzzy logic, conceptual models, photorealism and intelligent coaching in a simulation of army radio equipment*. Paper presented at the annual meeting of the Eastern Educational Research Association conference. Boston, Massachusetts.
- Orey, M., Fan, H.L., & Crenshaw, K. (1996). *Stories about kids developing multimedia documents*. Paper presented at the annual meeting of the Eastern Educational Research Association conference. Boston, Massachusetts.
- Orey, M.A. (1995, March). *Transfer and retention in intelligent computer simulation*. Paper to be presented at the annual Eastern Educational Research Association. Hilton Head, South Carolina.
- Orey, M.A., & Rowley, T. (1993, June). *Accounting problem solving through multimedia*. Paper to be presented at the annual Georgia Educational Technology Conference. Columbus, Georgia.
- Orey, M.A. (1993, February). *Three years of ITS Evaluation: Where are we?* Paper presented at the annual meeting of the Eastern Educational Research Association.

Clearwater, Florida.

Orey, M.A., Nelson, W.A., & Palumbo, D. (1993, February). *Symposia on the evaluation of multimedia systems*. Paper presented at the annual meeting of the Eastern Educational Research Association. Clearwater, Florida.

Orey, M.A. (1992, March). *An evaluation of an intelligent tutoring system for arithmetic*. Paper presented at the annual meeting of the Eastern Educational Research Association. Hilton Head, North Carolina.

Orey, M.A. (1992, March). *Evaluation of a high bandwidth intelligent tutoring system for electronics troubleshooting*. Paper presented at the annual meeting of the Eastern Educational Research Association. Hilton Head, North Carolina.

Orey, M. A., & Burton, J. K. (1990, February). *POSIT: An "intelligent" arithmetic diagnostic and tutoring system*. Paper presented at the annual meeting of the Eastern Educational Research Association. Clearwater, Florida.

Orey, M.A., Branch, R., Perkins, R., & Palumbo, D. B. (1990, February). *Getting a job in academia*. Paper presented at the annual meeting of the Eastern Educational Research Association. Clearwater, Florida.

Orey, M. A., Branch, R., & Couch, R. (1989, February). *Educator's in the corporate jungle: Three students' perspectives on internships*. Paper presented at the annual meeting of the Eastern Educational Research Association. Savannah, Georgia.

Orey, M. A., & Nelson, W. A. (1988, February). *Reconstructive versus reproductive processes for addition facts*. Paper presented at the annual meeting of the Eastern Educational Research Association. Miami, Florida.

Orey, M. A. (1987, February). *Towards a synergistic arithmetic diagnostic system*. Paper presented at the annual meeting of the Eastern Educational Research Association. Boston, Massachusetts.

Orey, M. A. (1986, May). *Computer generated courseware material*. Paper presented at the meeting of the West Virginia Association of Computer Education annual meeting. Charleston, West Virginia.

Orey, M. A. (1986, May). *Unmediated procedural changes: A model for an arithmetic diagnostic system*. Paper presented at the meeting of the West Virginia Association of Computer Education annual meeting. Charleston, West Virginia.

McCoy, L. P., & Orey M. A. (1986, March). *Standardized tests as predictors of computer programming achievement in secondary students*. Paper presented at the annual

meeting of the Eastern Educational Research Association. Miami, Florida.

Orey, M. A., Burton, J. K., McCoy, L. P., Cook, D. W., Sales, C. A., Cavalier, D. G., & Lilak, R. J. (1986, March). *LOGO in the first grade*. Paper presented at the annual meeting of the Eastern Educational Research Association. Miami, Florida.

I. Memberships

American Educational Research Association
Association for Educational Communication and Technology
Association for the Advancement of Computing in Education
Eastern Educational Research Association

4. PROFESSIONAL SERVICE

Financial Vice President, Association for the Development of Computer-Based Instructional Systems (ADCIS), November, 1992 to 1993.

Reviewer for a grant proposal to for the Science Centers program of the U.S. Department of State within the Civilian Research and Development Foundation, 2001.

Board member of the Distance Learning Division of AECT 2001-2002.

Session chair - Annual meeting of AECT, Atlanta, GA, November, 2001.

Reviewer, *AERA -IT SIG, conference papers*, 2001.

Coordinator for Live Seminars, ITFORUM/E-Learning Exchange with EpicLearning, 2001.

Member, Board of Associate Editors, *Journal of Research on Computing in Education*, 1992-1997.

Discussant, Eastern Educational Research Association, 1988 - Present.

Reviewer, *AECT -Research and Theory Division, conference papers*, 1993-Present.

Reviewer, *AERA -Division C, conference papers*, 1997- present.

5. OTHER PROFESSIONAL SERVICE

A. University Service

COE Faculty Senate representative for the Department of Instructional Technology, 1990-1993. Second term from 2000-2003.

Member of the College of Education Undergraduate Curriculum Committee, Fall 1991 - Spring 1993.

B. Departmental Service

Program Chair for the new Technology Integration Program (TIP), 2003-2005.