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Graduate School of Education
Technology, Innovation, & Education
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Cambridge, MA 02138
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EDUCATION

- Ph.D. Educational Psychology** May 2009
Learning, Cognition, and Instruction
Department of Educational Psychology, University of Texas at Austin
- M.A. Program Evaluation** May 2008
Department of Educational Psychology, University of Texas at Austin
- B.A. Journalism** 1995 – 1999
Department of Communications, University of Texas at Austin
Minor mention: Business Foundations

FELLOWSHIPS

- Postdoctoral Fellowship** Present –
Virtual Performance Assessment June 2009
Technology, Innovation, and Education, Harvard University

PEER-REVIEWED PUBLICATIONS

- Mayrath, M. C.**, Traphagan, T., Heikes, J., & Trivedi, A. (2009). Instructional design best practices for Second Life: A case study from a college-level English course. *Interactive Learning Environments*. Published online <http://www.informaworld.com/10.1080/10494820802602568>
- Jarmon, L., Traphagan, T., **Mayrath, M. C.**, & Trivedi, A. (2009). Virtual world teaching, experiential learning, and assessment: An interdisciplinary communication course in Second Life. *Computers & Education* 53, p. 169-182.
- Jarmon, L. , Traphagan, T., & **Mayrath, M. C.** (2008). Understanding Project-Based Learning in Second Life with the Pedagogy, Training, and Assessment Trio. *Education Media International* 45(3), 157-176.
- Mayrath, M. C.** (2008). Attributions of Productive Authors in Educational Psychology Journals. *Educational Research Review* 20(1), 41-56.
- Nihalani, P.K. & **Mayrath, M. C.** (2008). Educational Psychology Journal Editors' Comments on Publishing. *Educational Research Review* 20(1), 29-39.

MANUSCRIPTS UNDER REVIEW

- Mayrath, M. C.**, Nihalani, P. K., & Robinson, D. H. (Under review). Varying tutorial modality and interface restriction to maximize transfer in a complex simulation environment. Submitted to the *Journal of Educational Psychology*.

Mayrath, M. C., Traphagan, T., Jarmon, L., Trivedi, A., & Resta. (Under review). Factors to consider when integrating Second Life into the classroom. Submitted to *Educational Technology Research & Development*.

MANUSCRIPTS IN PREPARATION

Mayrath, M. C., & O'Hare, S. (In preparation). The LVC Blended Learning Model: A proposed model and 12 step method for transforming a face-to-face course into a blended learning course.

Mayrath, M. C., Nihalani, P. K., Shaw, S., & Robinson, D. (In preparation). Instructional technology delivery methods: Evidence of a Learner's Preference Paradox?

Mayrath, M. C. (In preparation). Dynamic Learning Platforms: An overarching theoretical architecture to guide research & development of educational technology.

Mayrath, M. C. (In preparation). Simulations as tools for creative problem solving.

PROFESSIONAL REPORTS

Mayrath, M. C. & O'Hare, S. H. (2009). *A Proposed Method for Converting Squadron Officer School into a Blended Learning Course with Live, Virtual, and Constructive Simulations*. Institute for Advance Technology. Austin, Texas: Author

Mayrath, M. C. & Nipp, A. (2008). *Student Technology Advisory Committee Annual Report: Student technology needs & suggestions for improving teaching & learning within the College of Education*. University of Texas at Austin. Austin, Texas: Author.

Mayrath, M. C., Throop, M., Abrams, S., Schwab, K., & Tilton-Jones, C. (2007). *The State of Texas Public School Technology Inventory: A Report on the Current State of Technology Resources in K-12 Texas Public Schools*. (<http://www.EducateAustin.org>). Austin, Texas: Author

OTHER PUBLICATIONS

Mayrath, M., & Robinson, D. H. (2006). Publishing, reviewing and editing articles in educational psychology journals: Comments from editors in 1996 and 2004. *Newsletter for Educational Psychologists*, 29, 5-7, 9-10.

EDITORIAL EXPERIENCE

Editorial Assistant. *Educational Research Review*. Editor – Dr. Dan Robinson Fall 2009 – Fall 2008

Guest Editor. Special Issue – The Development of Educational Psychologists. *Educational Research Review* 20(1). Spring 2008 – Fall 2006

CONFERENCE PRESENTATIONS

Mayrath, M., Traphagan, T., Heikes, J., & Trivedi, A. (April, 2009). Factors to consider when integrating Second Life into the classroom. *American Education Research Association Conference, 2009*. San Diego, California.

Mayrath, M. (April, 2009). Evidence of Flow in Second life. *American Education Research Association Conference, 2009*. San Diego, California.

- Traphagan, T., Chang, H., Chiang, Y., Jee, M. J. Lee, H. Woo, J., Mayrath, M. & Resta, P. (2009). Social, Cognitive and Teaching Presence in a Virtual World and a Regular Text Chat. *American Education Research Association Conference*. San Diego, California.
- Mayrath, M. (2009). Texas K-12 Technology Inventory: Resources and Recommendations. *Texas Computer Education Association (TCEA) Annual Convention*. Austin, Texas.
- Mayrath, M. (July, 2008). Determining the Right Mix of Live, Virtual, & Constructive II: LVC & the Squadron Officer School. Presentation at the *Advanced Distributed Learning conference*, Randolph Air Force Base, San Antonio, Texas.
- Mayrath, M. (June, 2008). Determining the Right Mix of Live, Virtual, & Constructive: Defining Terminology & Blended Models. Presentation at the *Advanced Distributed Learning conference*, Randolph Air Force Base, San Antonio, Texas.
- Jarmon, L. , Traphagan, T., Mayrath, M., & Trivedi, A. (March, 2008). Exploration of Learning in Second Life in an Interdisciplinary Communication Course. Paper presentation at *American Educational Research Association (AERA)*. New York, New York.
- Shaw, S., Mayrath, M. & Robinson, D. (March, 2008). Modality and Order Effects with Graphic Organizers. Poster presentation at *American Educational Research Association (AERA)*. New York, New York.
- Mayrath, M., Sanchez, J., Traphagan, T., Heikes, J., & Trivedi, A. (June, 2007). Using Second Life in an English Course: Designing Class Activities to Address Learning Objectives. Paper presented at *ED-MEDIA conference*. Vancouver, British Columbia.
- Mayrath, M. (April, 2007). Attributions of Educational Psychology's Most Productive Authors. Poster presented at *American Educational Research Association (AERA)*. Chicago, Illinois.
- Wick, J. B., Mayrath, M. C., Robinson, D. H. (April, 2007). Investigating the Modality Effect Through Comparisons of Listening and Reading Comprehension Abilities With College Students. Paper presented at *American Educational Research Association (AERA)*. Chicago, Illinois.
- Crooks , S. M., White, D. R., Barnard, L. M., Lewis, D., Shaw, S. M., Mayrath, M. C., Robinson, D. H. (April, 2007). How Hypertext Location Affects Learning From a Geographic Map. Paper presented at *American Educational Research Association (AERA)*. Chicago, Illinois.
- Chung, W., Chang, Y.-F., Mayrath, M. C., Games, I. A., & Robinson, D. H. (2007). Equal Reading and Listening Rates Do Not Alter the Modality Effect on Multimedia Learning. Paper presented at the *Annual International Conference on Psychology*, Athens, Greece.
- Mayrath, M. (2006). Intelligent Virtual Agents: Effects of Agent Artificial Intelligence, Content Delivery Modality, and Agent Persona. *Southwest Educational Research Association (SERA)*. San Antonio, Texas.
- Mayrath, M. (2006). Integrating Second Life into a Freshman English class. *New Media Consortium (NMC)*. San Antonio, Texas.
- Mayrath, M. (2006). Meet the Editors of Educational Psychology Journals. *American Psychological Association (APA)*. New Orleans, Louisiana.

Schallert, D., Neely, M., et. al. (2006). The role of self-compassion, life stressors, and goal disengagement and reengagement in college students' well-being. Paper presented at the annual conference of the *American Educational Research Association (AERA)*. San Francisco, California.

Mayrath, M., & Robinson, D. (2005). Publishing, Reviewing, and Editing articles in Educational Psychology II: Comments from Editors. *American Educational Research Association (AERA)*. Montreal, Quebec.

Heish, P., et. al. (2004). Intervention Trends in Educational Psychology Journals. Paper presented at the annual conference of the *American Educational Research Association (AERA)*. San Diego, California.

PROFESSIONAL PRESENTATIONS

Mayrath, M. & Nipp, A. (2008, March). Student Technology Needs & Ideas for Improving Teaching & Learning within the College of Education. University of Texas at Austin. Austin, Texas

Mayrath, M. (2006). What Makes a Good Class. New Faculty Seminar – Division of Instructional Innovation and Assessment. University of Texas at Austin. Austin, Texas.

Mayrath, M., Mendiola, R., and Walker, J. (2006). Facilitating a Large Class Discussion. Graduate Student Instructor Colloquium. University of Texas at Austin. Austin, Texas.

RESEARCH EXPERIENCE

Dissertation – *Examining Factors that Affect Performance in Complex Simulations* Spring 2009 –
Chair: Dr. Dan Robinson Fall 2008
Dept. of Educational Psychology, University of Texas at Austin

Graduate Researcher, Education & Technology Spring 2009 –
University XXI - *Air Force Future Learning Research* Spring 2008
Institute for Advanced Technology, University of Texas at Austin

Primary Investigator Spring 2009 –
Instructional Delivery Methods - *Presence of a Learner's Preference Paradox* Spring 2008
Dept. of Educational Psychology, University of Texas at Austin

Graduate Research Assistant Spring 2008 –
Second Life (SL) Pilot Study: *Teaching & Learning in Higher Education* Summer 2006
Division of Instructional Innovation and Assessment, University of Texas at Austin

Primary Investigator Spring 2008 –
State of Texas Public School Technology Inventory (www.EducateAustin.org) Fall 2006
Collaboration with State Representative Mark Strama's Office

Primary Investigator Spring 2008 –
Scholarly Productivity Studies Spring 2004
Dr. Dan Robinson, Advisor, Dept. of Educational Psychology, UT Austin

TEACHING EXPERIENCE

Instructor ASPECTS Workshops Division of Instructional Innovation & Assessment, University of Texas at Austin	Spring 2008 – Spring 2006
Assistant Instructor Learning Skills & Strategies – Educational Psychology 310 Dr. Claire Weinstein, Dept. of Educational Psychology, University of Texas at Austin	Spring 2006 – Fall 2005
Teaching Assistant Human Learning & Development – Applied Learning & Development 320 Dr. Dan Robinson, Dept. of Educational Psychology, University of Texas at Austin	Spring 2005

PROFESSIONAL EXPERIENCE

Founding Partner GetYa Learn On, LLC Educational Software Company, Austin, Texas	Present – Summer 2008
Research Consultant EducateAustin.com Educational Technology Research & Consulting, Austin, Texas	Present – Fall 2003
Project Manager Faculty And Student Teams for Technology (FAST Tex) Division of Instructional Innovation & Assessment, University of Texas at Austin	Summer 2006 – Spring 2005

PROFESSIONAL ORGANIZATION MEMBERSHIPS

The National Scholars Honor Society	2009 - present
Student Technology Advisory Committee, College of Education, UT Austin Chairman	2007 – 2009
American Educational Research Association (AERA) Student member Special Interest Groups: - Applied Research in Virtual Environments for Learning - Instructional Technology	2004 – present
American Psychological Association (APA) Student member	2004 – present
Association for Educational Communications & Technology (AECT) Student member	2005 – present