

# Michael C. Mayrath, Ph.D.

[michaelmayrath@yahoo.com](mailto:michaelmayrath@yahoo.com)

(512)-789-7363

1112 Juniper St.

Austin, Texas 78702

## 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

- Harvard University Post-Doctoral Fellow** 2009 – 2010  
Virtual Performance Assessment  
Advisor: Dr. Chris Dede, Graduate School of Education

## PEER-REVIEWED PUBLICATIONS

- Mayrath, M. C.,** Nihalani, P. K., & Robinson, D. H. (in press). Varying tutorial modality and interface restriction to maximize transfer in a complex simulation environment. *Journal of Educational Psychology*.
- Mayrath, M.C.,** Traphagan, T., Jarmon, L., Trivedi, A., Resta, P. (2010). Teaching with virtual worlds: Factors to consider for instructional use of Second Life. *Journal of Education Computing Research* 43(4), 403-444.
- 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, 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 OR IN PREPARATION

- Nihalani, P. K., Robinson, D. H., & **Mayrath, M. C.** (2011). *When Guidance Harms and Collaboration Helps in Computer Simulation Environments: An Expertise Reversal Effect*. Manuscript under review.
- Shaw, S. M., Nihalani, P. K., **Mayrath, M. C.**, & Robinson, D. H. (2011). *Graphic organizers or graphic overviews? Presentation order effects with computer-based text*. Manuscript under review.
- Mayrath, M. C.**, & O'Hare, S. (2011). *The LVC Blended Learning Model: A proposed model and 12 step method for transforming a face-to-face course into a blended learning course*. Manuscript in preparation.
- Mayrath, M. C.**, Nihalani, P. K., Shaw, S., & Robinson, D. (2011). *Instructional technology delivery methods: Evidence of a Learner's Preference Paradox?* Manuscript in preparation.

## BOOK CHAPTERS

- Mayrath, M. C.**, Clarke-Midura, J., & Robinson, D. (in press). Co-edited book. *Technology-Based Assessments for 21st Century Skills: Theoretical and Practical Implications from Modern Research*. Charlotte, NC: Information Age.
- Robinson, D.H., Sweet, M. & **Mayrath, M.C.** (2007). Computer-based Team-based Testing. In D. Robinson & G. Schraw (Eds.), *Current perspectives on cognition, learning, and instruction: Recent Innovations in educational technology that facilitate student learning*. Charlotte, NC: Information Age Publishing.

## 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

- Guest Reviewer. *Computers & Education*. Present –  
Fall 2009
- Editorial Assistant. *Educational Research Review*. Editor – Dr. Dan Robinson Fall 2009 –  
Fall 2008
- Guest Editor. Special Issue – The Development of Educational Psychologists. Spring 2008 –  
*Educational Research Review* 20(1). Fall 2006

## CONFERENCE PRESENTATIONS

- Clarke-Midura, J. E., Dede, C. J., & Mayrath, M. C. (2010a). *Ensuring the Integrity of Data in Virtual Immersive Assessments*. Paper presentation at American Education Research Association., Denver, CO.
- Clarke-Midura, J. E., Dede, C. J., & Mayrath, M. C. (2010b). *Designing Immersive Virtual Environments for Assessing Inquiry*. Paper presentation at American Education Research Association., Denver, CO.
- Mayrath, M. C., Nihalani, P. K.; & Robinson, D. H. (2010). *Examining Factors That Affect Performance in Complex Simulation Environments*. Paper presentation at American Education Research Association., Denver, CO.
- Shaw, S. M.; Mayrath, M. C., Nihalani, P. K.; & Robinson, D. H. (2010). *Investigation of Instructional Multimedia Delivery Methods: Evidence Supporting the Learner's Preference Paradox*. Paper presentation at American Education Research Association., Denver, CO.
- Mayrath, M., Traphagan, T., Heikes, J., & Trivedi, A. (2009). Factors to consider when integrating Second Life into the classroom. *American Education Research Association Conference*. San Diego, California.
- Mayrath, M. (2009). Evidence of Flow in Second life. *American Education Research Association Conference*. 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. (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. (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. (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. (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. (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. (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. (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. (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). 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  
Department 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**  
**Instructional Delivery Methods - *Presence of a Learner's Preference Paradox***  
Dept. of Educational Psychology, University of Texas at Austin Spring 2009 –  
Spring 2008

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

**Primary Investigator** Spring 2008 –  
**State of Texas Public School Technology Inventory ([www.EducateAustin.org](http://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, Univ. of Texas at Austin

## TEACHING EXPERIENCE

**Instructor** Spring 2008 –  
**ASPECTS Workshops** Spring 2006  
Division of Instructional Innovation & Assessment, University of Texas at Austin

**Assistant Instructor** Spring 2006 –  
**Learning Skills & Strategies – Educational Psychology 310** Fall 2005  
Dr. Claire Weinstein, Dept. of Educational Psychology, University of Texas at Austin

**Teaching Assistant** Spring 2005  
**Human Learning & Development – Applied Learning & Development 320**  
Dr. Dan Robinson, Dept. of Educational Psychology, University of Texas at Austin

## PROFESSIONAL EXPERIENCE

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

## PROFESSIONAL ORGANIZATION MEMBERSHIPS

The National Scholars Honor Society	Present – 2009
Student Technology Advisory Committee, College of Education, UT Austin Chairman	2009 – 2007
American Educational Research Association (AERA) Special Interest Groups: - Applied Research in Virtual Environments for Learning - Instructional Technology	Present – 2004
American Psychological Association (APA)	2008 – 2004
Association for Educational Communications & Technology (AECT)	2007 – 2005