

# Curriculum Vita

November, 2010

## Rodney D. Myers

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### Education

B.A., Ball State University Major: English	July 1982
M.A., Ball State University Major: English	August 1983
De Anza Community College Courses in screenwriting, production, film history and theory	1988 - 1992
M.A., San Jose State University Major: Instructional Technology	May 2006
Ph.D., Indiana University (expected in June, 2011) Major: Instructional Systems Technology Minor: Human Computer Interaction - Design	2007 - present

### Honors and Awards

School of Education Fellowship (Indiana University)	2007 - 2011
First prize for poster presentation (Games+Learning+Society Conference)	2008
“Richard B. Lewis Outstanding Graduate Student” award in Instructional Technology (San Jose State University)	2006
President’s Award for “Outstanding Service and Achievement” (Santa Clara University)	1995
School of Education Graduate Assistantship (Ball State University)	1982-83

### Teaching and Research Interests

Design, development, and use of instructional games and simulations  
Design and development of instruction for emerging technologies  
Design and development of online learning  
Design research

### Teaching Experience

<i>Adjunct Lecturer</i> , Indiana University, IST Department Taught an online graduate-level class in computer-mediated learning (R547).	2009
<i>Associate Instructor</i> , Indiana University, IST Department Taught classes in technology integration (W301) for pre-service teachers.	2008 - 2009
<i>Teaching Assistant</i> , Indiana University, IST Department Provided technical support and feedback on deliverables to graduate students in R547 (taught by Dr. Theodore Frick).	2008

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- Adjunct Lecturer*, Santa Clara University, English Department 1985 - 1986  
Taught undergraduate classes in composition and rhetoric.
- Adjunct Lecturer*, IUPU – Fort Wayne, English Department 1983 - 1984  
Taught undergraduate classes in composition and rhetoric.
- Associate Instructor*, Ball State University, English Department 1982 - 1983  
Taught undergraduate classes in composition and rhetoric.

## Professional Experience

- Invited Participant*, NSF/AECT Early Career Symposium 2010  
One of nine doctoral students selected to participate in a 1 ½ day symposium for scholars who are early in their careers.
- Graduate Assistant: Distance Education Research*, Indiana University, IST Department 2009 - 2010  
Assisted Prof. Elizabeth Boling in recommending to the Dean a strategy for supporting and enhancing distance education in the School of Education. We conducted a needs analysis of current activities and future plans, researched best practices at other institutions, and wrote a white paper describing our findings and recommendations.
- Graduate Assistant: Distance Education Webmaster*, Indiana University, IST Department 2009 - 2010  
Department  
Maintained the IST department's website and supported faculty in their use of technology for online classes.
- Research Assistant*, Indiana University, IST Department 2007 - 2008  
Developed a Web-database application as part of a software project (MAPSAT) for Dr. Ted Frick using PHP, MySQL, HTML, CSS, XML, Javascript, and Actionscript (Flash).
- Research Analyst*, Santa Clara University, Institutional Research 2001 - 2006  
1988 - 1997  
Developed and managed a data mart to support strategic planning for the university using Cognos DecisionStream for ETL (extract, transform, load) of data from PeopleSoft Student Administration (Informix database) into a conformed data mart (MS SQL Server) for reporting student, faculty, and course data.  
Developed and managed Web and desktop applications to support data analysis/reporting and work processes using Cold Fusion, MS SQL Server, MS Access, and MS Excel.  
Designed and developed reports of institutional data to meet federal reporting requirements (e.g. IPEDS) and accreditation requirements (WASC) and to support strategic planning and reporting to external agencies and college guide publishers.
- Senior Design Technologist*, Atomic Tangerine 2000  
Conducted needs analysis and designed information architecture for clients' websites.  
Worked as intermediary between designers and programmers.  
Wrote HTML, XML, CSS, Javascript, and Actionscript (Flash) for websites.

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- Animator*, Blue Mountain Arts 1999 - 2000  
Designed original animated greeting cards (GIFs and Flash).
- University Webmaster*, Santa Clara University, Media Services 1997 - 1999  
Led the redesign of the University's website, which included assessing the needs of key stakeholders, designing the site's information architecture, and managing a small staff of Web designers/developers.  
Developed and managed Web-database applications using Cold Fusion and MS SQL Server.  
Founded and managed *Codesign*, a group of student designers/developers who provided Web services for campus organizations.  
Trained over 100 faculty, staff, and students to design, develop, and maintain websites.
- Writer*, Interactive Network 1993 - 1994  
Wrote and edited a variety of content, including film reviews and "just-in-time" information for simulcast with the 1994 Winter Olympics.
- Independent Filmmaker*, Cine22 Productions 1988 - 1993  
Wrote, co-produced, and co-directed several short films, including *game* (18 min., 16mm color) which won several awards and played in a dozen film festivals around the world. In addition, two of my screenplays were developed into award-winning short films by other filmmakers.

## Publications

- Howard, C. D., & Myers, R. (2010). Creating video annotated discussions: An asynchronous alternative. *International Journal of Designs for Learning*, 1(1).  
<http://scholarworks.iu.edu/journals/index.php/ijdl/index>
- Lara, M., Myers, R., Frick, T., Karabacak, S., & Michaelidou, T. (2010). A design case: Creating an enhanced version of the *Diffusion Simulation Game*. *International Journal of Designs for Learning*, 1(1).  
<http://scholarworks.iu.edu/journals/index.php/ijdl/index>
- Lara, M., Enfield, J., Myers, R., & Frick, T. (2010). The *Diffusion Simulation Game*: Does learning occur across multiple game plays? Manuscript submitted for publication.
- Enfield, J., Myers, R., Lara, M., & Frick, T. (2009). Assessment of strategies within the *Diffusion Simulation Game*. Manuscript submitted for publication.
- Myers, R., & Frick, T. (2009). *SimTIE-Math*: A simulation-game on technology integration for mathematics learning. *Proceedings of the 32<sup>nd</sup> annual convention of the Association for Educational Communications & Technology*.
- Lara, M., Myers, R., Frick, T., Karabacak, S., & Michaelidou, T. (2009). A design case: Creating an enhanced version of the *Diffusion Simulation Game*. *Proceedings of the 32<sup>nd</sup> annual convention of the Association for Educational Communications & Technology*.

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Frick, T., Howard, C., Barrett, A., Enfield, J., & Myers, R. (2009). *Alternative research methods: MAPSAT your data to prevent aggregation aggravation*. *Proceedings of the 32<sup>nd</sup> annual convention of the Association for Educational Communications & Technology*.

## Presentations at Conferences

Myers, R., Enfield, J., Lara, M., & Frick, T. (2010). *Analyzing gameplay to improve the design of a simulation game*. Paper presented at the annual convention of the Association for Educational Communications & Technology, Anaheim, CA.

Lara, M., Enfield, J., Myers, R., & Frick, T. (2010). *Assessing learning in online simulations: A case study of the Diffusion Simulation Game*. Paper presented at the annual convention of the Association for Educational Communications & Technology, Anaheim, CA.

Frick, T., & Myers, R. (2010). *Map and analyze patterns and structures across time (MAPSAT): Theoretical foundations for observing systemic change*. Paper presented at the annual convention of the Association for Educational Communications & Technology, Anaheim, CA.

Modell, M. G., & Myers, R. (2010). *Exploring the role of identity in the design of a serious game*. Poster presented at the Meaningful Play 2010 conference, East Lansing, MI.

Enfield, J., & Myers, R. (2010). *Assessment of strategies within the Diffusion Simulation Game*. Paper presented at the 6<sup>th</sup> annual Games+Learning+Society conference, Madison, WI.

Kwon, S., Lara, M., Modell, M., & Myers, R. (February, 2010). *Using digital games and simulations for learning*. Panel discussion conducted at the 10<sup>th</sup> annual IST Conference, Bloomington, IN.

Myers, R., & Frick, T. (2009). *SimTIE-Math: A simulation-game on technology integration for mathematics learning*. Paper presented at the annual convention of the Association for Educational Communications & Technology, Louisville, KY.

Frick, T., Howard, C., Barrett, A., Enfield, J., & Myers, R. (2009). *Alternative research methods: MAPSAT your data to prevent aggregation aggravation*. Paper presented at the annual convention of the Association for Educational Communications & Technology, Louisville, KY.

Lara, M., Myers, R., Frick, T., Karabacak, S., & Michaelidou, T. (2009). *A design case: Creating an enhanced version of the Diffusion Simulation Game*. Paper presented at the annual convention of the Association for Educational Communications & Technology, Louisville, KY.

Frick, T., Lara, M., Myers, R., Michaelidou, T., Karabacak, S., Enfield, J., & Kwon, S. (2009). *The Diffusion Simulation Game: Development of an enhanced version*. Paper presented at the 2<sup>nd</sup> annual IST Colloquium, Bloomington, IN.

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Frick, T., Lara, M., Myers, R., Michaelidou, T., & Karabacak, S. (2009). *The Diffusion Simulation Game: Design and development of an enhanced online version*. Paper presented at the 9<sup>th</sup> annual IST Conference, Bloomington, IN.

Frick, T., Howard, C., Barrett, A., Enfield, J., & Myers, R. (2009). *MAPSAT your research data to prevent aggregation aggravation*. Paper presented at the 9<sup>th</sup> annual IST Conference, Bloomington, IN.

Frick, T., Myers, R., Thompson, K. & York, S. (2008). *New ways to measure systemic change: Map & Analyze Patterns & Structures Across Time (MAPSAT)*. Featured research paper presented at the annual conference of the Association for Educational Communications & Technology, Orlando, FL.

Myers, R. (2008). *Simulating Personalized Learning in STEM*. Poster presentation that was awarded first prize for the Game+Learning+Society Conference, Madison, WI.

Frick, T., Myers, R., Thompson, K. & York, S. (2008). *New ways to measure systemic change: Map & Analyze Patterns & Structures Across Time (MAPSAT)*. Paper presented at the Second Annual Summer Research Symposium, Association for Educational Communications & Technology, Bloomington, IN.

Myers, R. (2008). *SimTIE: A Simulation Game on Technology Integration in Education*. Design presentation at the eighth annual IST Conference, Bloomington, IN.

Myers, R. (2005). *Building a reporting metadata explorer*. Technical presentation at the PeopleSoft Higher Education User Group Conference, Las Vegas, NV.

## Service Activities

*Editorial Assistant*, International Journal of Designs for Learning

Worked closely with the founding editor and editorial board to launch an online, design-oriented education journal; analyzed needs and explored digital publishing options; designed/created prototype journal.

January 2010 –  
Present

*Session Facilitator*, AECT Conference 2010

Hosted conference sessions, which included greeting participants, introducing presenters, moderating discussion, and distributing and collecting session surveys.

Oct. 2010

*Game Host*, IST Conference 2010

Designed, developed, and implemented The Dossier Game, a face-to-face multiplayer game which had as its primary goal the increase of participation and interaction of conference attendees.

Feb. 2010

*Volunteer*, IST Colloquium 2009

Recorded video of presentations to be made into podcasts.

July 2009

*Treasurer*, Graduates in Instructional Systems Technology

Managed the financial affairs of GIST.

Jan. 2008 –  
June 2010

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*Organizer*, IST Conference 2009

Planned the IST department's annual conference, which included managing over a dozen volunteers; recruiting a keynote speaker; arranging the catering of breakfast, lunch, and an evening reception; designing and developing an online submissions review system; managing funds; and documenting the entire process for future organizers.

*Sep. 2008 –  
Mar. 2009*

*Portfolio Reviewer*, San Jose State University

Served as an external reviewer of portfolios created by graduate students in the Instructional Technology program.

*Oct. 2008*

*Session Facilitator*, AECT Conference 2008

Hosted conference sessions, which included greeting participants, introducing presenters, moderating discussion, and distributing and collecting session surveys.

*Nov. 2008*

*Volunteer*, IST Conference 2008

Served at the conference registration desk, hosted sessions, and performed other tasks as needed.

*Feb. 2008*

## **Professional Affiliations**

*Member*, Association for Educational Communications & Technology

*2006 - present*

*Member*, American Educational Research Association

*2010 - present*

*Member*, North American Simulation & Gaming Association

*2010 - present*