

Curriculum Vitae

Ellen Taricani

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EDUCATION

Ph.D. Instructional Systems, The Pennsylvania State University, 2002

Dissertation: *Effects of the level of generativity in concept mapping with knowledge of correct response feedback on learning*

Areas of Specialization: Learning Environments and Cognitive Structures

Supporting field: Communication

Master's certificate in Homeland Security, The Pennsylvania State University, December 2019

Areas of Study: Planning and organizational imperatives related to homeland security and emergency management including disaster recovery, education, and community practice

Master's certificate in Geospatial Intelligence, The Pennsylvania State University, December 2011

Areas of Study: Conceptual Foundations, Geographic Information Sciences and Technology, Problem Solving and Advanced Analytic Methods

M.A. Master's program in Mass Communications and Speech Communication,
The Pennsylvania State University, (emphasis in computer mediated communication)
(71 credits of coursework) 1990-1996

B.S. Indiana University of Pennsylvania, 1982 and 2000
Indiana, Pennsylvania

Bachelor of Science in Management Information Systems, 2000

Bachelor of Science in Marketing, 1982

EMPLOYMENT

Associate Teaching Professor, The Pennsylvania State University, Communication Arts and Sciences (2017-present)

Senior Lecturer, The Pennsylvania State University, Communication Arts and Sciences (2012-2017)

Lecturer, The Pennsylvania State University, Communication Arts and Sciences (2000-2012)

Instructor/Web Master, The Pennsylvania State University, College of Ag Sciences (1990-2000)

Computer Consulting, Owner, Business, Intervalley Systems, State College, PA (1984-1990)

PUBLICATIONS

Taricani, E., Adams, T., Petroccia S. (2020). The Matrix Reloaded: Impacts of Technology on Human Processes and Function over Time. In *Turbulent Convergence* in the series <http://www.wcsaglobal.org/book-series-cambridge/>

Ellen Taricani (Author, Editor). (2020). Design Thinking and Innovation in Education. World Complexity Science Journal: Cambridge Scholars Publishing. (in press)

Thorpe, Oshane, Taricani, E., Adams, T. (2020) Toward Happiness, Accountability, and Transparency: ICTs in the e-governance of the United Arab Emirates. Internet and Policy (Wiley) (In Press)

Taricani, Ellen, Thorpe O., Gautreaux R., Petroccia S., Adams T. (2020). Internal Tracking Devices: The Smart Device for a New Infrastructure. Broadcasting and Electronic Media. (in press)

Taricani, E. (2019). Outsourcing our brain to technology-declutter the clutter. Proceedings of EdMedia in Amsterdam, Netherlands Publisher: Association for the Advancement of Computing in Education (AACE), Waynesville, NC

Adams, Tyler, Ladavac, N. B., Pitasi, A., & Taricani, E. (2018)., 12(3 Le costituzioni orizzontali = Les constitutions horizontals = The horizontal constitutions. *Rivista di Criminologia, Vittimologia e Sicurezza*), 36-46. <https://doi.org/10.14664/rcvs/834> (Journal of Criminology, Victimology and Security)

Adams, Tyler L., Ellen Taricani & Andrea Pitasi (2018) The technological convergence innovation, *International Review of Sociology*, DOI: 10.1080/03906701.2018.1529068

Taricani, E. (2018). Student engagement through social construction of meaning. Proceedings of EdMedia in Amsterdam, Netherlands Publisher: Association for the Advancement of Computing in Education (AACE), Waynesville, NC

Taricani, E. (2017). Cognitive strategies to improve group problem solving and learning. In J. Johnston (Ed.), *Proceedings of EdMedia: World Conference on Educational Media and Technology 2017* (pp. 465-469). Waynesville, NC: Association for the Advancement of Computing in Education (AACE).

Taricani, E. (2016). Collaborative knowledge in online learning environments. In *Proceedings of EdMedia: World Conference on Educational Media and Technology 2016* (pp. 739-743). Waynesville, NC: Association for the Advancement of Computing in Education (AACE).

Taricani, E. (2015). Observation and awareness of text cues and the impact on team knowledge mapping. In S. Carliner, C. Fulford & N. Ostashevski (Eds.), *Proceedings of EdMedia: World Conference on Educational Media and Technology 2015* (pp. 816-820). Waynesville, NC: Association for the Advancement of Computing in Education (AACE).

Clariana, R.B., Rysavy, M. D., & Taricani, E. M. (2015). Text signals influence team artifacts. *Educational Technology Research and Development*, 63(1), 35-52.

Taricani, E. (2013). Reflection and cognition expressed in blogging. In J. Herrington, A. Couros & V. Irvine (Eds.), *Proceedings of EdMedia: World Conference on Educational Media and Technology 2013* (pp. 1767-1772). Waynesville, NC: Association for the Advancement of Computing in Education (AACE).

Taricani, E. , Groff, B. , Asino, T. , Dong, Y. , Ntshalintshali, G. , Techatassanasoontorn, C. , Wu, Y. and Clariana, R. (2012). The Effect of Independent and Interdependent Group Collaboration on Knowledge Extent, Knowledge Form and Knowledge Convergence. Volume 1, pages 20-29. AECT 2012 proceedings available online, : (http://aectorg.yourwebhosting.com/pdf/proceedings12/2012/12_02.pdf)

Taricani, E. M. (2010). Controlling your social network friendships. Submitted to USENIX, the Advanced Computing Systems Association(Workshop on Online Social Networks) June 2010.

Clariana, R.B., & Taricani, E. M. (2010). The consequences of increasing the number of terms used to score open-ended concept maps. *International Journal of Instructional Media*, 37 (2).

Taricani, E. M. (2008). Communities of Blogging: Extensions of Our Identities. *American Communication Journal*, 9(3). [link](#)

Taricani, E. M. (2007). Effects of the level of generativity in concept mapping with knowledge of correct response feedback on learning. *International Journal of Instructional Media* 34(1)

Taricani, E. M. & Clariana, R. B. (2006). A technique for automatically scoring open-ended concept maps. *Educational Technology Research and Development*, 54(1), 65-82. (<http://www.springerlink.com/content/p067q2p15515787q/>)

Taricani, E. M. (2002). Effects of the level of generativity in concept mapping with knowledge of correct response feedback on learning. Dissertation Abstracts International, ISBN # 0-493-67101-3.

Building a base for academic courses on the Web. Published: Jun 14 1998 Agricultural Communications Document Center

"Navigating the Internet" Chapter in The Communicators Handbook: Tools, Techniques and Technology. 1996.

"Techniques used in electronic distance education that would assist in the facilitation of adult learning in

higher education” Published: May 1993 Agricultural Communications Document Center

REFEREED CONFERENCE RESENTATIONS

Outsourcing our brain to technology-declutter the clutter. Presentation at EdMedia.Innovate Learning in Amsterdam. June 2019

Collaboration and learning using Maker Spaces. Presented at 2019 Symposium for Teaching and Learning with Technology at Penn State. March 2019

Student engagement through social construction of meaning using teamwork. Presentation at EdMedia in Amsterdam. June 2018

Student engagement through social construction of meaning. Keynote presentation at European Association of Technology Enhanced Learning(EATEL) in Albania. 2018

Cognitive strategies to improve group problem solving and learning. (Presentation at EdMedia 2017 in Alexandria, VA)

Cognitive strategies to improve group problem solving and learning. (Presentation at Southern Regional Faculty and Instructional Development Consortium (SRFIDC) at the Georgia Gwinnett College campus in Lawrenceville, GA, March 2017)

Collaborative knowledge in online learning environments. (Presentation at EdMedia 2016 in Vancouver, Canada)

Building knowledge collaboratively and the impact on teams. (Presentation at EdMedia 2015 in Montreal, Canada).

Observation and awareness of text cues and the impact on team knowledge mapping. (Presentation at Association for Educational Communication and Technology (AECT) 2015 international conference in Indianapolis, Indiana).

Chronemic Control of Our Virtual Communication. (Presentation at NCA in Chicago, IL, November 2014)

Integrating Classroom Learning with Real-life Experiences. (Poster Session at New Media Consortium in Portland, OR, June 2014)

Techno-Cultural Innovations in the Classroom: Developing Pedagogy by Connecting Teaching and Consumer Technology (NCA in Washington DC, November 2013)

Reflection and cognition expressed in blogging. (EdMedia(World Conference on Educational Media and Technology) in Victoria, BC, July 2013)

“Time issues in our communication using Facebook”, Rochester Institute of Technology: Social Media and Communication Symposium (SMACS) II, September 29, 2011

“Lawyer's Guide to Social Media - Pitfalls & All” at the Annual Middle District Bankruptcy Conference in Pennsylvania, June 17, 2011

“Chronemic control of our virtual communication using Facebook”, presented paper at Milikin University in Decatur, Illinois for ACA Fall Conference, October 2010

Chair and Respondent for 3 sessions at ACA in Mexico City, Mexico(2008):

1-Television and its Impact on Society(4 speakers)

2-Culture, Media and Advertising(4 speakers)

3-On Politics in International Media(3 speakers)

“Creating an Identity with your Blog”, in Atlantic City, NJ, July 2008 for EduWeb conference.

“Blogging, Identity and Expression of Ideas” in Washington, DC, June 2008 for Social Science Track at the National Faculty Leadership Conference.

“Communities of Blogging: Extensions of our Identities” in Taos, NM, October 2007 for ACA conference.

“A Pathfinder Network Technique for Automatically Scoring Open-ended Concept Maps” by Ellen Taricani & Roy B. Clariana, Penn State University, in Dallas, TX, October 2006 for AECT conference

“A Connection of Interactive and Reflective Effects in Using Blogs” in Dallas, TX, October 2006 for AECT conference

“Communities of Blogging: Who is Using Them and What is Being Said?” National Faculty Leadership Conference in DC, June 2006

“Length of Exposure to the Online Environment and Foreign Language Learning” AECT(Association for Educational Communications and Technology) in Orlando, FL in October 2005

“A Postmodern View of Learning: Contrasting Culture and Setting” AECT(Association for Educational Communications and Technology) in Chicago, IL in October 2004

“Semantic Map Automated Assessment Techniques” AECT(Association for Educational Communications and Technology) in Anaheim, CA in October 2003

“Effects of the level of generativity in concept mapping with knowledge of correct response feedback on learning” AECT in Dallas, TX 2002.

“Use of online materials with face-to-face courses”, IST Faculty Academy, 2002.

“Successes and failures in using an online workbook”, AECT 2001 in Atlanta, GA

“Effects of Concept Mapping and Feedback on Learning”, AECT 2001 in Atlanta, GA

“Case Studies: From the Classroom to the Web” AECT 2000 in Denver, CO

“Three Approaches to Teaching the Same Subject at Two Universities” AECT 2000 in Denver, CO

“Using Case Studies to Promote Critical Thinking Through the Web”, ICLT 2000.

"Using Case Studies for Active Learning on the Web" Teaching and Learning with Technology Symposium, April 1999

"Using Case Studies to Promote Critical Thinking on the Web" Presented at AECT in Houston, TX 1999

"E-Answers--Providing Web Access From One Bookmark." Presented at ACE in Monterey CA 1998

"Building a Base for Academic Courses on the Web." Presented at NETC Conference in St. Louis, MO 1998

"Web-based Collaborative Infrastructure." Presented at NETC Conference in St. Louis, MO 1998

"Designing Web-based Constructivist Learning Environments: Principles and Examples" Association for Educational Communications and Technology (AECT), St. Louis, MO 1998

"Case-Based Learning" Teaching and Learning through the Web Conference at Penn State 1998

"Using the Web to Develop Courses." Presentation at ACE/NETC in Cleveland, Ohio. 1997.

"A Collaborative Web Project." Presentation at ACE/NETC in Cleveland, Ohio. 1997.

"Web Course Development: AgEc/FdSci 497 home page." Poster Session for Instruction Systems Poster Session. 1996.

"Making Information Useful on the World Wide Web." Paper presentation at U.S. Agricultural Communicators' Congress in Washington, D.C. 1996.

"Marketing the University Using the Web: Considerations of Content and Appearance." Poster Session at the 4th International Web Conference in Boston, MA. 1995.

"Web Home Page Design: A Collaborative Project." Paper presentation at ACE/NETC in Burlington, VT 1995.

"College of Ag Sciences WWW Server at Penn State." Poster Session at the 2nd International Web Conference in Chicago, IL. 1994.

"Paradigms of Group Cohesiveness Through the Adoption of Electronic Mail in Organizations." Paper presentation at ACE in Idaho and Washington states. 1994.

"Techniques Used in Electronic Distance Education That Would Assist in the Facilitation of Adult Learning in Higher Education." Paper presentation at ACE/NETC in Miami, Florida. 1993

"Future Computer Networking: The Proposed National Research and Education Network." Paper presentation at International Conference on Computers in Extension in Orlando, FL. 1992

"Information Dissemination Using Networks: PENpages Reaches the Rural Elderly." Paper presentation at U.S. Agriculture Communicators Congress in Washington D.C. 1992

"Instructional Uses For Electronic Communication: An Advisory Tool for Novice Faculty Users." Paper presentation at ADCIS Conference in St. Louis, MO. 1991.

"Using Electronic Mail to Communicate Information: Consideration of Social Implications." Paper presentation at ACE Conference in St. Paul, MN. 1990.

SPECIAL PROJECTS AND GRANT WORK

- Global Japan Impact Award for my CAS 470 course for \$1000
- Teaching with Technology Certificate evaluation and advisor for CAS (2010 to present)
- LEAP(Learning Edge Academic Program) Summer 2010 to present
- PA Governor School mentor and instructor – 2001-2009
- PA Governor School computer class coordinator-1994 to 2005
- E-Answers Project Team-ACE and CSREES (www.e-answers.org)
- USDA grant for national project team to develop Web-based training (www.teachonweb.org)
- Higher Education Challenge Grant, USDA, 1997-99 (\$79,820) "Critical Thinking and Problem Solving: A Food Product Development Case Approach"
- Agricultural Telecommunications Program, USDA, 1999-00 (\$30,000) "Empowering Food Industry Professionals with Web-based Product Development Cases"

COURSES TAUGHT

George Mason University

- EDIT 732, Graduate Course in Constructivist Learning Environments
 - developed and taught the course for 2 semesters (spring and summer 2003)
 - Adjunct Instructor for graduate courses

Penn State University

- INSYS 400, Introduction to Instructional Technology for Education

- INSYS 441, Design, Development, and Evaluation of Computer-Based Instruction
- INSYS 446, Mindtools
- AG 150, First Year Student Seminar (developed and taught the course)
- AG 200, Introduction to Computing
- AGECE/FDSC 497, Food Product Development, Teaching Assistant, Instructional Designer and Technology coordinator (course development and collaboration with other universities)
- CAS 83, First-year Seminar-Cyberculture and Social Media (developed and taught the course)
- CAS 100B, Effective Speech emphasis on group problem solving
- CAS 250, Small Group Communication
- CAS 283, Communication and Information Technology I, classroom and world campus (developed and taught the course)
- CAS 383, Culture and Technology (developed and taught the course)
- CAS 470, Non-verbal Communication (developed for the web and taught the course)
- CAS 483, Communication and Information Technology II (developed and taught the course)
- Web Master Certificate Program:
 - HTML level 1
 - HTML level 2
 - Legal and Ethical Issues
- Continuing Education Program Courses:
 - Microsoft Word, PowerPoint, and Excel,
 - Microsoft FrontPage, intro and advanced

WEB BASED COURSE DEVELOPMENT AND IMPLEMENTATION

- CAS 100-an-online workbook for introductory speech course

- CAS 283-an online course for introductory computer and communication students
- AGECE/FDSC 497-web-based course using constructivist learning theory dealing with food product development

Decision Cases Studies written and developed (related to this course)

SERVICE

Penn State

- Technology Committee(2019-present). Committee member.
- Teaching Faculty Committee(2018-2019). Committee member.
- Presentation for the College of Liberal Arts on team-building at the Leadership Experience at Liberal Arts (LELA) Retreat (Spring 2018)
- Presentation to the College of Ag Sciences on non-verbal communication (Fall 2017)
- Presentation on communication topics for the Association of Women in Science(2012 and 2013)
- Media Commons IPOD project (Summer 2011-2014)
- Fulbright Scholarship Evaluator for the University Office of Global Programs (2010 to present)
- Faculty Senate: Liberal Arts Caucus of Senators (2010 to 2012)
- Teaching with Technology Certificate Evaluator Department of Communication Arts and Sciences (2003 to present)
- Chair/Member, Technology Committee Department of Communication Arts and Sciences (2000 to 2016)
- Judge for Graduate and Undergraduate Exhibitions at Penn State (2008 to present)
- Participated and attended Teaching and Learning with Technology Conference at Penn State (2007-present)
- Mentor with the Fast Start(Faculty, Alumni, Student Triad) program at Penn State (1998 to present)
- Advisor and mentor for 2 student organizations: Bridge Initiative and Burning Hearts
- PA Governor School computer solutions class coordinator and mentor (1994 to 2008)
- CALRI-The Collaborative and Active Learning Research Institute at Penn State

- Instructor and course development for the Webmaster Certificate Program at Penn State
- Staff Advisory Committee to the Dean, College of Ag Sciences (1997-1999)
- Northeast Regional Director for Agricultural Communicators in Education (ACE) (1996-1998)
- National Gold award winner for Best Innovative use of Communications Technology-1998
- National Silver award winner for Internet Project training-1997
- Award of Excellence-Information Technology-1996
- National Silver award winner for Computer Programs and Information Exchange-1995
- Instructional Development Program-Course in College Teaching-1995
- Pioneer Award winner for the Northeast Region in ACE-1994

PROFESSIONAL

- World Complexity Science Journal. Special Sections Editor.
- World Complexity Science Academy (WCSA) think-tank based in Italy
- Reviewer for Central European Political Science Review (CEPSR), Association of Education, Communication and Technology (AECT), Association for the Advancement of Computing in Education (AACE), Journal of Computing in Higher Education (JCHE).
- World Complexity Science Academy(WCSA) Journal, Executive Editorial Team (Special Section Co-Editor) (2018-present)
- Executive Committee for Association of Computing in Education, EdMedia(Innovate Learning) group and Learning Design SIG Co-Chair, AACE (2017-present)
- Board of Directors and Past President of American Communication Association (ACA) for 2011 to present
- President of American Communication Association (ACA) for 2010
- Vice-President of ACA for 2009
- Secretary-Parliamentarian for ACA for 2008
- Reviewer for the Media Psychology Journal.
- Reviewer for International Communication Association (ICA) division Information Systems

- Reviewer for the Journal of Computing in Higher Education
- Reviewer for the American Communication Journal.
- Reviewer for Association for Educational Communications and Technology (AECT) conference
- Presented research papers at the International ACA Conferences – 2007 - 2008
- Review of XHTML/CSS Basics for Web Writers published by Pearson/Prentice Hall, 2006
- USDA national project team for Web-based training (www.teachonweb.org)
- Steering Committee member for National Extension Technology Conference (NETC)
- State Representative and Information Technology SIG Chair of ACE
- Instructional Development Program-Course in College Teaching, 4/94
- Presented research papers at the International ACE Conferences -1990 through 1999
- Presented research paper at the International Conference on Computers in Extension-1992
- Review of The Web Wizard's Guide to HTML published by Addison-Wesley, 2002
- Reviewer for AECT Instructional Design and Development Division
- Review of articles for the Journal of Applied Communications.
- Weekly Computer Newsletter for College of Ag Sciences 1995-2000
- Houghton Mifflin Company:
- Web Site for David Ellis's book Becoming a Master Student
- Review and selection process for book:

Success in College Using the Internet, Jack Pejsa

PROFESSIONAL MEMBERSHIP

World Complexity Science Academy (WCSA)

National Communication Association (NCA)

New Media Commons (NMC)

International Communication Association (ICA)

American Communication Association (ACA)

Association for Educational Communication and Technology (AECT)

Association for the Advancement of Computing in Education (AACE)

VOLUNTEER WORK

Centre Region Planning Commission. January 2020 to present

Ferguson Township Planning Commission. August 2019 to present

Coaches vs Cancer golf event 2011-present

Central Pennsylvania Festival of the Arts – volunteer ambassador

Fast Start mentoring program at Penn State

Advisor for 4 student organizations: Karaoke, Bridges, Burning Hearts and Common Ground