

Emilee J. Rader (formerly E. Patrick)

Curriculum Vitae

Communication Arts & Sciences
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APPOINTMENTS

Assistant Professor and AT&T Scholar (2011-present)
Department of Telecommunication, Information Studies and Media
Michigan State University

EDUCATION

Ph.D., Information (Fall 2009)
School of Information, University of Michigan

Master of HCI (August 1999)
Human Computer Interaction Institute, Carnegie Mellon University

B.S., Psychology (Fall 1995)
University of Wisconsin at Madison (Graduated with Distinction)

RESEARCH & PROFESSIONAL EXPERIENCE

- 2010-11 *Assistant Professor*
Department of Communication Studies, Northwestern University
- 2009-10 *Computing Innovation Fellow (postdoc)*
Center for Technology and Social Behavior, Northwestern University
- 2004-09 *Graduate Student Research Assistant*
School of Information, and Digital Media Commons, University of Michigan
- 1999-04 *Senior Human Factors Scientist*
User Centered Solutions Lab, Motorola Labs
- 1998-99 *Usability Analyst and Interface Designer.* Carnegie Technical
Education in Pittsburgh, PA (now <http://www.icarnegie.com/>)
- 1994-96 *Undergraduate Research Assistant, Communicative Development*
Inventory Lab. Department of Psychology, University of Wisconsin-Madison

PEER-REVIEWED PUBLICATIONS

- Wash, R. and Rader, E. (2012). Influencing Mental Models of Security: A Research Agenda. *Proceedings of NSPW 2011*.
- Rader, E., Echelbarger, M. and Cassell, J. (2011). Brick by brick: Iterating interventions to bridge the achievement gap with virtual peers. *Proceedings of CHI 2011*, 2971-2974. Acceptance rate 26%.
- Rader, E. (2010). The Effect of Audience Design on Labeling, Organizing, and Finding Shared Files. *Proceedings of CHI 2010*, 777-786. Acceptance rate 22%.
- Rader, E. (2009). Yours, Mine, and (Not) Ours: Social Influences on Group Information Repositories. *Proceedings of CHI 2009*, 2095-2098. Best Paper Honorable Mention (top 5% of papers). Acceptance rate 25%.
- Rader, E. and Wash, R. (2008). Influences on Tag Choices in del.icio.us. *Proceedings of CSCW 2008*, 239-248. Acceptance rate 23%.
- Wash, R. and Rader, E. (2007). Public Bookmarks and Private Benefits: An Analysis of Incentives in Social Computing. *Proceedings of ASIS&T Annual Meeting 2007*.
- Batcheller, A. L., Hilligoss, B., Nam, K., Rader, E., Rey-Babarro, M., & Zhou, X. (2007). Testing the Technology: Playing Games with Video Conferencing. *Proceedings of CHI 2007*, 849-852. Acceptance rate 25%.
- Patrick, E., Cosgrove, D., Slavkovic, A., Rode, J.A., Verratti, T. and Chiselko, G. (2000). Using a large projection screen as an alternative to head-mounted displays for virtual environments. *Proceedings of CHI 2000*, 478-485. Acceptance rate 21%.

BOOK CHAPTERS

- Birnholtz, J., Rader, E., Horn, D.B., and Finholt, T. (2009). Enabling Remote Participation in Research. B. Whitworth and A. de Moor (Eds.) *Handbook of Research on Socio-Technical Design and Social Networking Systems*. Information Science Reference; ISBN 978-1605662640
- Wash, R. and Rader, E. (2012) Folk Models of Home Computer Security. Markus Jacobsson (Ed.). *The Death of the Internet*, Wiley; ISBN 978-1118062418

POSTERS

- Rader, E. (2007). What did you call it again? Language Use in Group Information Management Systems. *GROUP 2007*, Nov. 4-7, 2007, Sanibel Island, FL.
- Rader, E. and Wash, R. (2006). Tagging with del.icio.us: Social or Selfish? *CSCW 2006*, Nov. 4-8 2006, Banff, Alberta, CA.

WORKSHOP PAPERS

- Wash, R. and Rader, E. (2010). Using Economic Modeling to Predict User Behavior. *CHI 2010 Workshop: Models, theories and methods of studying online behavior*, Atlanta, GA.

Rader, E. (2008). Group Information Repositories as Social Systems. *4th Annual SIG SI Social Informatics Research Symposium*, Columbus, OH.

Wash, R. and Rader, E. (2008). Understanding del.icio.us Tag Choice Using Simulations. *iSchools Conference 2008*, Los Angeles, CA.

Hofer, E., Rader, E., and Finholt, T. (2005). Toward supporting virtual collocation. *WACE 2005 (Workshop on Advanced Collaborative Environments)*, Seattle, WA.

Patrick, E. (2002). Small Group Communication over the Access Grid: A Case Study. *Proceedings of the 2002 Access Grid Retreat*, San Diego, CA.

Patrick, E. (2001). Barriers to Collaboration: User-Centered Research and the Access Grid. *Proceedings of the 2001 Access Grid Retreat*, Argonne National Labs.

TECHNICAL REPORTS

Metcalf, C. and Patrick, E. Sharing Photos: Sending, Receiving, and Reviewing Personal Photographs with Family and Friends. *Motorola Labs Technical Report*, February 2003, Schaumburg IL.

Patrick, E. and Metcalf, C. Mediated Communication Between Extended Family and Friends: A Case Study. *Motorola Labs Technical Report*, September 9, 2001, Schaumburg IL.

Patrick, E. and Marturano, L. GTSS Information Architecture User Study Report. *Motorola Labs Technical Report*, June 2001, Schaumburg IL.

Patrick, E. Motorola Labs Website Usability Report. *Motorola Labs Technical Report*, January 2000, Schaumburg IL.

Patrick, E. Motorola "CoPilot" Usability Evaluation. *Motorola Labs Technical Report*, November 1999, Schaumburg IL.

AWARDS AND HONORS

2010 Selected to participate in the CCC/CRA Ultra-large-scale Interaction Workshop

2009 Selected to participate in CSST '09, an NSF-funded workshop associated with the Consortium for the Science of Sociotechnical Systems

CHI '09 paper received Best Note Honorable Mention (top 5% of submissions)

RESEARCH GRANTS AND FELLOWSHIPS

Title / Source	Period	Amount
<i>Influencing Mental Models of Security</i> National Science Foundation (NSF CISE:CNS) Role: PI	2011-2014	\$241,589
<i>Computing Innovation Fellowship</i> Computing Research Association (CRA) and National Science Foundation (NSF)	2009-2010	\$140,000

INVITED PRESENTATIONS

- Rader, E. (2011). *Understanding Infrastructure for Social Information Sharing*, Michigan State University, Department of Telecommunication, Information Studies and Media, April 15, 2011.
- Rader, E. (2010). How “Social” is the Social Web? *Northwestern University, Department of Communication Studies*, January 22, 2010.
- Rader, E. (2010). How “Social” is the Social Web? *University of Maryland Baltimore County, Department of Information Systems*, January 14, 2010.
- Rader, E. (2009). Just Email It to Me! Why Things Get Lost in Group Information Repositories. *Rutgers University, School of Communication and Information Studies*, February 6, 2009.
- Rader, E. (2007). What Did You Call It? How Document Labeling and Organizing Affect Finding in Shared Repositories. *Johns Hopkins University Applied Physics Laboratory*, November 8, 2007
- Patrick, E. (2001). The Access Grid: Beyond Videoconferencing. *Chicago chapter of ACM SIG-CHI*, Chicago IL.

CONFERENCE AND WORKSHOP PRESENTATIONS

- Rader, E. (2010). Exploring the “Social” Nature of Social Media in Organizations. *NCA 2010 Panel: Social Media and the Communication of Knowledge in the Workplace*, San Francisco, CA.
- Wash, R. and Rader, E. (2010). Using Economic Modeling to Predict User Behavior. *CHI 2010 Workshop: Models, theories and methods of studying online behavior*, Atlanta, GA.
- Rader, E. (2008). Group Information Repositories as Social Systems. *4th Annual SIG SI Social Informatics Research Symposium*, Columbus, OH.
- Rader, E. (2007). What did you call it again? Language Use in Group Information Management Systems. *GROUP 2007 Doctoral Colloquium*, Sanibel Island, FL.
- Rader, E. and Johnston, E. (2005). Cooperation and Competition in Video Games: Implications for Collaborative Systems. *Connections 2005*, Montreal, Quebec, Canada.
- Patrick, E. (2002). Small Group Communication over the Access Grid: A Case Study. *Access Grid Retreat 2002*, San Diego, CA.
- Patrick, E. (2001). Access Grid Node User Studies: Distributed Video Mediated Communication. *Motorola Labs RMTR 2001 Real Technology Series*, Schaumburg, IL.
- Patrick, E. (2001). User Centered Evaluation of the Access Grid. *Access Grid Human Factors Workshop*, Argonne National Labs.
- Patrick, E. (2001). User Centered Research and the Access Grid: Requirements for Collaboration. *Access Grid Retreat 2001*, Argonne National Labs.

INTERNAL PRESENTATIONS AND TALKS

- 2011 *MIS Proseminar. Topic: Information Science.* MSU Guest Lecture. March 16, 2012.
- 2011 *Applied Research Methods, (MTS 525)* NU Guest Lecture, February 28, 2011.
MSU Comm Arts Brownbag Series, October 27, 2011.
MIS program Job Market Workshop, September 30, 2011.
- 2010 *NU SoC Century Scholars Invited Talk*, November 11, 2010.
MTS Graduate Seminar (MTS 501). NU Guest Lecture.
Applied Research Methods, (MTS 525) NU Guest Lecture.
- 2009 *Doctoral Foundations (SI 701).* SI Guest Lecture.
SI Academic Job Search Panel, April 23, 2010.
- 2008 *Human Interaction in Information Retrieval (SI 531).* SI Guest Lecture.
Research Methods (SI 840). SI Guest Lecture.
- 2007 *CSCW (SI 689).* SI Guest Lecture.
Public Goods (SI 686). SI Guest Lecture.
Research Methods (SI 840). SI Guest Lecture.
Organization of Information Resources (SI 666). SI Guest Lecture.
- 2006 *SI CREW Seminar Invited Talk*, April 10, 2006.

UNIVERSITY SERVICE

Northwestern University

- 2011 Technology and Social Behavior PhD Admissions committee
2010-11 Organizer of TSB Seminar Series (with Darren Gergle)
2010-11 Chair's Advisory Committee, Department of Communication Studies

University of Michigan, School of Information

- 2006 PhD Admissions Committee
2005-06 President of the Doctoral Student Organization
2005-06 Doctoral Committee

PROFESSIONAL SERVICE

Program Committee Member

Associate Chair, CHI 2010 and 2012

Reviewer (Journals)

Human Computer Interaction Journal
International Journal of Human Computer Studies

Reviewer (Conferences)

WWW 2012
ICWSM 2011
iConference 2012

Reviewer (Conferences, continued)

CSCW 2008, 2010, 2011, 2012

CHI 2006, 2008, 2009, 2011

GROUP 2009

Invited Panelist (Grant Proposals)

National Science Foundation (NSF), 2011 and 2012

Austrian Research Promotion Agency (FFG), 2011

Student Volunteer

CHI 2006, 2007

Session Chair / Panel Moderator

“Tools Affecting the Enterprise,” CHI 2010

“The Access Grid: Where the Vision Meets Reality,” Supercomputing 2001

TEACHING

Instructor of Record

Your Digital Footprint

Spring 2012 (MSU TC 291), Winter 2011 (NU Comm Studies 395)

Fundamentals of HCI

Spring 2012 (TC 891, TC 845)

Online Communities

Spring 2011 (NU Comm. Studies 378)

Multi-disciplinary Perspectives on Social Media Research

Spring 2011 (NU Comm. Studies 525)

Co-Instructor

Doctoral Development Seminar (UMSI)

with Cory Knobel and Yong-Mi Kim, Fall and Winter 2008 (UMSI)

Graduate Student Instructor (TA)

Fundamentals of Human Behavior

Winter 2009, UMSI 688

Computer-Supported Cooperative Work

Fall 2008 (UMSI 689)

Networked Computing: Storage, Communication, and Processing

Fall 2007 (UMSI 502)

Contextual Inquiry and Project Management

Fall 2006 (UMSI 501)

Use of Information

Fall 2005 (UMSI 501)

STUDENT ADVISING

Committee Member, Doctoral Thesis Committee

Xiaoju Zheng, Linguistics PhD Student (Northwestern University)

Committee Member, Master's Thesis Committee, Michigan State University

Chris Hamrick, Telecommunication, Information Studies and Media

Research Assistants Supervised, Michigan State University

Brandon Brooks, MIS PhD Student

Alcides Velasquez, MIS PhD Student

Emma Ogutu, MS Journalism

Qualifying Exams Supervised, Northwestern University

Alan Clark, Communication Studies PhD student

Former Graduate Thesis Advisor (pre-candidacy), Northwestern University

Alina Lungeanu, Technology and Social Behavior PhD Student

Former Undergraduate / Masters Research Assistants, Northwestern University

Shih-Chi Steven Chen, EECS Masters Student

Helen Kwok, Communication Studies Undergraduate Student

Elaine Wang, Communication Studies Undergraduate Student