

ANDREA FORTE | CURRICULUM VITAE

Assistant Professor
College of Information Science and Technology, Drexel University
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EDUCATION

- 2009 **PhD, Human-Centered Computing**
Georgia Institute of Technology
School of Interactive Computing
Areas: Learning Sciences and Technology; Social Computing
Dissertation Title: Learning in Public: Information Literacy and Participatory Media

Advisor: Amy Bruckman
Committee: Janet Kolodner, Mark Guzdial, Beki Grinter (Georgia Institute of Technology); Jonathan Grudin (Microsoft Research)
- 1998 **MLIS, Library and Information Science**
University of Texas at Austin
Graduate School of Library and Information Science (now School of Information)
- 1996 **BA, Foreign Language and Literature (German), Philosophy**
Western Michigan University
- 1994-95 Language and Literature
University of Passau, Germany

RESEARCH GRANTS

- 2005-2009 **Science Online: Learning Through Collaborative Writing of an Open-Content Scientific Encyclopedia**
National Science Foundation, Educational Research Initiative Grant, #0512213, \$333,812
PI: Amy Bruckman (co-authored grant with PI to support dissertation work)
- 2004 **Students as Authors of History: Using the Internet to Increase Student Motivation and Critical Thinking in the Class American Government**
GVU Center Seed Grant, 2004
PIs: Amy Bruckman, Richard Barke, Andrea Forte

BOOK CHAPTERS

- 2012 Bruckman, Amy, Alisa Bandlow, Jill Dimond and Andrea Forte. (2011). "HCI For Kids." In *The Human-Computer Interaction Handbook*. Edited by Julie Jacko and Andrew Sears, 3rd Ed. NJ: Lawrence Erlbaum Associates.
- 2007 Bruckman, Amy, Alisa Bandlow and Andrea Forte. (2007). "HCI For Kids." In *The Human-Computer Interaction Handbook*. Edited by Julie Jacko and Andrew Sears, 2nd Ed. NJ: Lawrence Erlbaum Associates.

Reprinted as:
Bruckman, Amy, Alisa Bandlow and Andrea Forte. (2009). "HCI For Kids." In *Human-Computer Interaction: Designing for Diverse Users and Domains*. Edited by Andrew Sears and Julie Jacko, CRC Press.

JOURNAL PUBLICATIONS

- 2010 Lampe, Cliff, Paul Resnick, Andrea Forte, Sarita Yardi, Dana Rotman, Todd Marshall, Wayne Lutters. (2010) "Educational priorities for technology-mediated social participation." *IEEE Computer*. November, 2010, pp.1-8.
- 2010 Forte, Andrea and Amy Bruckman. (2009) "Writing, citing, and participatory media: wikis as learning environments in the high school classroom." *International Journal of Learning and Media*, 1(4).
- 2009 Forte, Andrea, Vanessa Larco and Amy Bruckman. (2009) "Decentralization in Wikipedia Governance" *Journal of Management Information Systems*. 26(1) pp 49-72.

Citations of Excellence Winner: Selected as one of the top 50 papers in management for 2009 by Emerald Management Review

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- 2005 Forte, Andrea and Mark Guzdial. (2005) "Motivation and non-majors in CS1: Identifying discrete audiences for introductory computer science." *IEEE Transactions on Education*, 48(2) pp 248-253.

PEER-REVIEWED CONFERENCE PUBLICATIONS (FULL PAPERS)

- 2010 Berland, Leema Kuhn and Andrea Forte. (2010) "When students speak, who listens? Constructing audience in classroom argumentation." *Proceedings of the International Conference of the Learning Sciences (ICLS)*.
- 2008 Forte, Andrea and Amy Bruckman. (2008) "Scaling consensus: increasing decentralization in Wikipedia governance" *Proceedings of Hawaiian International Conference of Systems Sciences (HICSS)*, Waikoloa Village, HI.
- 2007 Forte, Andrea and Amy Bruckman. (2007) "Constructing text: wiki as a toolkit for (collaborative?) learning." *Proceedings of International Symposium on Wikis (WikiSym)*, Montréal, Canada, pp 31-42.
- 2006 Forte, Andrea and Amy Bruckman. (2006) "From Wikipedia to the classroom: exploring online publication and learning" *Proceedings of the International Conference of the Learning Sciences*, Bloomington, IN.
- 2005 Bryant, Susan, Andrea Forte and Amy Bruckman. (2005) "Becoming Wikipedian: transformation of participation in a collaborative online encyclopedia" *Proceedings of GROUP: International Conference on Supporting Group Work*, Sanibel Island, FL. pp 1-10. (26% acceptance rate)
- 2005 Guzdial, Mark and Andrea Forte. (2005) "Design process for a non-majors computing course." *Proceedings of the 36th SIGCSE technical symposium on computer science education*. St. Louis, Missouri. pp 361-365.
- 2004 Forte, Andrea and Mark Guzdial. (2004) "Computers for communication, not calculation: media as a motivation and context for learning." *Proceedings of the 37th Annual Hawaii International Conference on System Sciences (HICSS'04)*.

PEER-REVIEWED POSTERS, DEMOS, and SHORT PAPERS

- 2009 Kurt Luther, Matthew Flaschen, Andrea Forte, Christopher Jordan, and Amy Bruckman, Provelt: A New Tool for Supporting Citation in MediaWiki, presented at the 2009 ACM Symposium on Wikis and Open Collaboration (WikiSym '09), Orlando, FL.
- 2008 Forte, Andrea and Amy Bruckman. (2008) "Learning information literacy in the age of Wikipedia" in Symposium on Learning and Research in the Web 2 Era: New Opportunities for Research (James Slotta, organizer) *Proceedings of the International Conference of the Learning Sciences*, Utrecht, NL.
- 2006 Hewitt, Anne and Andrea Forte. (2006). "Crossing boundaries: identity management and student/faculty relationships on the Facebook." Poster/Extended Abstract. *Computer Supported Cooperative Work (CSCW)*, Banff, Canada.

PEER-REVIEWED PRESENTATIONS WITHOUT PROCEEDINGS

- 2011 *Teachers and Twitter: Grassroots Digital Innovation in the Classroom*. Digital Media and Learning Conference, Long Beach, CA.
- 2010 *Bridging disciplines among social media researchers*. Panel. National Communication Association Annual Meeting. San Francisco, CA.
- 2010 *Engaging with Open Education*. Panel. WikiSym 2010, Gdansk, Poland.
- 2009 *Science Online: Learning by Constructing a Public Science Resource*. Symposium on new technology supports for authentic science inquiry, practice, and assessment in the classroom. James Slotta, Organizer. American Educational Research Association Annual Meeting, San Diego, CA, 2009.
- 2008 *Interviewing as a Phenomenological Approach to Wiki Research: A Brief Introduction*. WikiSym Workshop on Interdisciplinary Research on Wikipedia and Wiki Communities, 2008.
- 2008 *A wiki of my very own: the challenge of designing to support collaboration in formal education*. Human-Computer Interaction Consortium (HCIC), Fraser, CO, 2008.
- 2006 *Wiki uses in teaching and learning*. Panel. WikiSym, Odense, Denmark, 2006.

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- 2005 *Why do people write for Wikipedia? Incentives to contribute to open-content publishing.* GROUP workshop: Sustaining community: The role and design of incentive mechanisms in online systems, Sanibel Island, FL, 2005.
- 2005 *Self and school: nurturing students' identities as science writers using wikis.* Refereed symposium "Networked technologies for fostering positive youth development," with Marina Bers, Sasha Barab, Sandra Calvert, and Joseph Gonzalez-Heydrich. American Psychological Association. Washington, DC, August 2005.

OTHER PUBLICATIONS

- 2009 Forte, Andrea. (2009). "Review of 'Digital Media, Youth, and Credibility' by Miriam Metzger and Andrew Flanagin (eds)" *Information, Communication & Society*. 12(1) pp. 156-157.

EARLY CAREER AND DOCTORAL CONSORTIA

- 2010 Early Career Workshop, iConference 2011, Seattle, WA.
- 2006 "Science Online: exploring writing as social practice in online knowledge building communities." Doctoral Consortium, International Conference of the Learning Sciences (ICLS), 2006, Bloomington, IN.
- 2006 "Connecting the design of collaborative writing tools with writers' practices and epistemological beliefs." Doctoral Colloquium, Computer-Supported Collaborative Work (CSCW), 2006, Banff, Canada.
- 2003 "Programming for communication: overcoming motivational barriers to computation for all." Graduate Student Event. *Proceedings of IEEE Symposia on Human-Centered Computing Languages and Environments, 2003*. Auckland, New Zealand. pp 285-286.

INVITED TALKS

- 2007 *Social implications of user-generated content: learning to assess information in a read/write world.* Symposium on User-Generated Confusion: The Legal and Business Implications of Web 2.0, Vanderbilt University, 2007.

OTHER PRESENTATIONS

- 2010 *Academic Researchers in Wikimedia Communities: Ethics, Methods, and Policies.* Panelist. Wikimania 2010, Gdansk, Poland.
- 2008 *Science Online: exploring the role of students in OER.* Poster. Open Learning Interplay Symposium, Carnegie Mellon University, 2008.
- 2007 *Under 18: blogs, wikis and social networking sites for youth.* Panel organizer. SXSW Interactive Festival Panel, Austin TX, 2007.
- 2007 *Wikis in the science classroom.* Georgia Science Teachers Association Annual Conference, Athens, GA, 2007.
- 2006 *Students as knowledge builders: wikis in the classroom.* GVU Center Brown Bag Series, Georgia Institute of Technology, 2006.
- 2006 *Wikis in the classroom: challenging our assumptions about students and knowledge.* GameScapes Symposium on New Media, Virtual Environments and Learning, Georgia Institute of Technology, 2006.
- 2006 *Empowering students: wikis as a revolutionary force in education.* Panelist. Wikimania, Cambridge, MA, 2006.
- 2006 *Designing technologies that change people (Boaster).* Human Computer Interaction Consortium (HCIC), Fraser, CO, 2006.
- 2004 *Technology to support history learning.* Georgia Council of the Social Studies Annual Conference, Athens, GA, 2004.
- 2003 *Media as a Context for Learning Computation.* GVU Center Brown Bag Series, Georgia Institute of Technology, 2003.

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PRESS

- 2009 "Who's driving Twitter's popularity? Not Teens." *New York Times*, August 25, 2009. By Claire Cain Miller
- 2008 "Exploring governance in the world of open source" *Open Source Magazine*, August 27, 2008. By James Irwin
- 2006 "Facebook feature draws privacy concerns" *Associated Press*, Sept 7th, 2006. By Anick Jesdanun
- 2006 "A new high-tech take on school group projects" *Boston Globe*, August 4, 2006. By Kim-Mai Cutler

HONORS, AWARDS & INVITATIONS

- 2011 **Social-Computational Systems (SoCS) Community Workshop**
University of Minnesota
NSF-sponsored invited workshop to set research agenda for study of socio-computational systems.
- 2011 **Research Institute for the Science of Socio-Technical Systems (CSST)**
Captive Island, FL
Invited faculty mentor for competitive NSF-sponsored research institute.
- 2010 **Technology-Mediated Social Participation Workshop**
Washington, DC
NSF-sponsored invited workshop to set research agenda for the study of social technologies.
- 2008 **Microsoft Research Social Computing Symposium**
Microsoft Research, Redmond, WA
Invited symposium for individuals in the field of social computing.
- 2008 **Research Institute for the Science of Socio-Technical Systems (CSST)**
Ann Arbor, MI
Competitive NSF-sponsored research institute.
- 2003-2007 **ARCS Fellowship**
(renewed 4x) ARCS Foundation (Achievement Rewards for College Scientists)
Annual scholarship for graduate students in the sciences.
- 1997-1998 **Academic Competitive Scholarship**
(renewed 1x) University of Texas at Austin, Graduate School of Library and Information Science

SERVICE

ADVISORY APPOINTMENTS

Advisory board, NSF Cyber-Enabled Discovery and Innovation (CDI) Collaborative grant "Collaborative Research: Preparing the Next Generation of Computational Thinkers: Transforming Learning and Education Through Cooperation in Decentralized Networks" PI: Mitchel Resnick Oct 1, 2010 – Sept 30, 2014. Grant amount: \$1,179,020.

RESEARCH PROPOSAL REVIEW

Reviewer for NSF HCC (Human-Centered Computing) Program
Reviewer for NSF Cyberlearning: Advancing Education Program

CONFERENCE ORGANIZATION AND REVIEW

Conference Committee:

- Program Chair, International Symposium on Wikis and Open Collaboration (WikiSym) '11
- Alternative Events Co-chair, iConference, '11
- Workshops and Panels Chair, International Symposium on Wikis (WikiSym) '08
- Publicity Chair, International Symposium on Wikis (WikiSym) '07

Program Committee:

- Associate Chair, ACM Conference on Human Factors in Computing Systems (CHI) '12
- Associate Chair, Computer-Supported Cooperative Work (CSCW) '12
- ACM Conference on Human Factors in Computing Systems (CHI), Workshops Jury, '12
- IEEE and ACM Joint Conference on Digital Libraries (JCDL) '11

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International Conference on Computer Supported Collaborative Learning '11
ACM Conference on Human Factors in Computing Systems (CHI), Works in Progress, '10
Associate Chair, International Symposium on Wikis (WikiSym) '09
ACM Conference on Hypertext, Hypertext and Community Track, '09
International Symposium on Wikis (WikiSym) '08, '10
ACM Conference on Groupwork (GROUP) '07
Wikimedia Foundation Conference (Wikimania) '06

Workshops and Courses

Organizer, Workshop on Socio-Technical Research: Connecting Disciplines in the iSchools, iConference '11

Conference Reviewer:

ACM Conference on Computer Supported Cooperative Work (CSCW) '06, '08, '10, '11
ACM Conference on Human Factors in Computing Systems (CHI) '04, '05, '06, '07, '08, '09, '10, '11
International Symposium on Wikis and Open Collaboration (WikiSym) '06, '07, '08, '09
Computer Supported Collaborative Learning (CSCL) '05
Hawaiian International Conference on Systems Sciences (HICSS) '07, '08, '09
International Conference on Communities and Technologies '05
International Conference of the Learning Sciences (ICLS) '04, '06, '08, '10
International Conference on Open Source Systems (OSS) '09
International Conference on Ubiquitous Computing (UbiComp) '07
International Conference on Web Information Systems and Technologies (WEBIST) '08

JOURNAL REVIEW

Editorial Boards

International Journal of Computer-Supported Collaborative Learning, 2010 - present

Journal Reviewer:

Communications of the Association for Computing Machinery (CACM)
Games and Culture
Global Media Journal
Interactive Learning Environments
International Journal of Computer-Supported Collaborative Learning
International Journal of Educational Research
International Journal of Learning and Media
Journal of the American Society for Information Science and Technology (JASIST)
Journal of Computer-Mediated Communication (JCMC)
Journal of Computer-Supported Collaborative Work
Journal of the Learning Sciences
New Media and Society
Organization Science

BOOK REVIEW

Book Reviewer, MIT Press

UNIVERSITY COMMITTEES

Chair, Committee for Marketing and Outreach, College of Info Science and Technology, Drexel University, '10-'11
Committee to Assess the Evaluation of Teaching in the College of Computing, Georgia Institute of Technology, '03

TEACHING EXPERIENCE

2011	Instructor , Design of Interactive Systems (INFO 611), Drexel University
2010-2011	Instructor , Social Aspects of Information Systems (INFO 215), Drexel University
2004	Instructor , Introduction to Educational Technology (CS 4660), Georgia Institute of Technology
2008	Teaching Assistant , Design of Online Communities (CS4303), Instructor: Amy Bruckman, Georgia Institute of Technology

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- 2006 **Teaching Assistant**, Human-Centered Computing, Instructor: Beth Mynatt, Georgia Institute of Technology
- 2005 **Teaching Assistant**, Introduction to Educational Technology (CS 4660), Instructor: Amy Bruckman, Georgia Institute of Technology
- 1998-1999 **Teaching Assistant**, Information in Cyberspace (LIS 312), Instructor: Heiko Haubitz, University of Texas at Austin

PhD DISSERTATION ADVISOR

Thomas Park, PhD in Information Studies, Drexel University
Dissertation: openHTML - Scaffolded Web Development Toolkit to Support Elementary Computational Literacy

PhD DISSERTATION COMMITTEES

- Warren Allen, PhD in Information Studies, Drexel University
Dissertation Topic: User experience design and the participation inequality dilemma in intra-organizational social information systems
- Sofia Jeon Athenikos, PhD in Information Studies, Drexel University
Dissertation Topic: Enabling Entity Retrieval by Exploiting Wikipedia as a Semantic Knowledge Source
- Sang Joon Park, PhD in Information Studies, Drexel University
Dissertation Topic: Influence of Emotion on User Experience

STUDENT PROJECTS SUPERVISED/CO-ADVISED

Drexel University

- Heather Willever-Farr, PhD in Information Studies, Independent Study, Spring, Summer 2011
Project: Peer Production and Genealogical Practice
- Sofia Joen Athenikos, PhD in Information Studies, Graduate Research Assistant, Spring 2010-present
Project: Citation Practices in Wikipedia

Georgia Institute of Technology – with faculty member Amy Bruckman

- Heather Chang, BS in Electrical Engineering, Undergraduate Research, Summer 2009
Project: Impact of Quality Assurance Mechanisms on the Wikipedia Community
- Kevin Zeigler, BS in Computer Science, Undergraduate Research, Summer 2009
Project: Impact of Quality Assurance Mechanisms on the Wikipedia Community
- Jordan Patton, MS HCI, Masters Research Project, Spring – Fall 2008
Project: Deviant Behavior in Wikipedia
- Achille Brighton, BS in Computer Science, Undergraduate Research, Fall 2008
Project: Where does the Information in Wikipedia Come From? An Analysis of Citations in Wikipedia
- Vanessa Larco, BS in Computer Science, Undergraduate Research, Summer 2008
Project: WikiProjects: Local Government in Wikipedia
- Christopher Jordan, BS in Computer Science, Full-time Developer, Summer 2008
Project: Provelt!: A Tool to Support Citation among Wikipedia Editors
- Scott Ehardt, BS in Computer Science, Part-time Developer, Summer 2007
Project: Extending MediaWiki to Support Citation and Classroom Use
- Alex Dodson, BS in Computer Science, Undergraduate Research, Spring 2007
Project: Student and Faculty Relationships in Facebook
- Anne Hewitt, BS in Computer Science, Undergraduate Research, Fall 2005 – Spring 2007
Project: Student and Faculty Relationships in Facebook
- Vigneshwar Kalyanasundaram, BS in Computer Science, Fall 2006
- Amruta Lonkar, MS HCI, Masters Research Project, Fall 2005 – Spring 2006
Project: Extending MediaWiki to Support Citation and Classroom Use
- Susan Bryant, MS HCI, Masters Research Project, Spring 2004 – Fall 2004
Project: Transformation of Participation in an Online Encyclopedia

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RESEARCH & PROFESSIONAL EXPERIENCE

- 2010 - **Assistant Professor**
Drexel University, College of Information Science and Technology
- 2002-2009 **Graduate Research Assistant**
Georgia Institute of Technology, School of Interactive Computing
Advisors: Amy Bruckman (2004-2009); Mark Guzdial (2002-2004)
- 2005-2007 **Intel Opportunity Scholars Mentor**
Georgia Institute of Technology, College of Computing
- 2000-2002 **Interaction Designer**
Spiraco, Inc.