

# 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  
  
Thesis Title: Learning in Public: Information Literacy and Participatory Media  
  
Advisor: Amy Bruckman  
Thesis 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

## HONORS & AWARDS

- 2010      **Technology-Mediated Social Participation Workshop**  
Washington, DC  
NSF-sponsored invitation-only workshop to set research agenda for the study of social technologies.
- 2008      **Microsoft Research Social Computing Symposium**  
Microsoft Research, Redmond, WA  
Invitation-only 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  
(renewed 4x)      **ARCS Fellowship**  
ARCS Foundation (Achievement Rewards for College Scientists)  
Annual scholarship for graduate students in the sciences.
- 1997-1998  
(renewed 1x)      **Academic Competitive Scholarship**  
University of Texas at Austin, Graduate School of Library and Information Science

## 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)
- 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

# ANDREA FORTE | CURRICULUM VITAE

## BOOK CHAPTERS

- 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, 2<sup>nd</sup> 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 Forte, Andrea and Amy Bruckman. (2010) "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
- 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 and SHORT PAPERS

- 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

- 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

## ANDREA FORTE | CURRICULUM VITAE

- 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.
- 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.

### DOCTORAL CONSORTIA

- 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 Content: The Legal and Business Implications of Web 2.0, Vanderbilt University, 2007.

### OTHER PRESENTATIONS

- 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*. 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*. 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.

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2003      *Media as a Context for Learning Computation*. Gvu Center Brown Bag Series, Georgia Institute of Technology, 2003.

### 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

### PROFESSIONAL SERVICE ACTIVITIES

#### Conference Committee:

iSchools iConference, Alternative Events Co-chair '11

Associate Program Chair, International Symposium on Wikis (WikiSym) '09

Workshops and Panels Chair, International Symposium on Wikis (WikiSym) '08

Publicity Chair, International Symposium on Wikis (WikiSym) '07

#### Program Committee:

International Conference on Computer Supported Collaborative Learning '11

iSchools iConference '11

Works in Progress, ACM Conference on Human Factors in Computing Systems (CHI) '10

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

#### Conference Reviewer:

ACM Conference on Computer Supported Cooperative Work (CSCW) '06, '08, '10

ACM Conference on Human Factors in Computing Systems (CHI) '04, '05, '06, '07, '08, '09, '10

International Symposium on Wikis (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 Reviewer:

Communications of the Association for Computing Machinery (CACM)

Games and Culture

Interactive Learning Environments

International Journal of Learning and Media

Journal of the American Society for Information Science and Technology (JASIST)

Journal of Computer-Supported Collaborative Learning

Journal of Computer-Supported Collaborative Work

Journal of the Learning Sciences

New Media and Society

NSF Review Panel, '10

Book Reviewer, MIT Press

## ANDREA FORTE | CURRICULUM VITAE

Committee to Assess the Evaluation of Teaching in the College of Computing, Georgia Institute of Technology, '03

### TEACHING EXPERIENCE

- 2010        **Instructor**, Social Aspects of Information Technologies (LIS 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
- 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

### STUDENTS SUPERVISED/CO-ADVISED

- 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: Provelit!: 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*

### RESEARCH & PROFESSIONAL EXPERIENCE

- 2010 -        **Assistant Professor**  
Drexel University, College of Information Science and Technology
- 2004-2009   **Graduate Research Assistant**  
Georgia Institute of Technology, School of Interactive Computing  
Advisor: Amy Bruckman
- Researched social practices and learning in online knowledge building communities. Responsibilities included: coauthoring grant proposals, software design and development, study and research instrument design, data collection and analysis, paper writing, supervising and coadvising students.

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- 2005-2007 **Intel Opportunity Scholars Mentor**  
Georgia Institute of Technology, College of Computing  
Advised undergraduate student researchers in a multi-year research project investigating the impact of social networking sites on relationships among students and faculty.
- 2004 **Instructor, Introduction to Educational Technology**  
Georgia Institute of Technology, School of Interactive Computing  
Developed syllabus for project-based course on basic educational theory and the design of educational technology. Designed and assessed assignments and exams, created and delivered a series of lectures, and guided student groups through the process of developing an educational technology project. Managed a graduate teaching assistant.
- 2002-2004 **Graduate Research Assistant**  
Georgia Institute of Technology, School of Interactive Computing  
Advisor: Mark Guzdial  
Assisted in the development and evaluation of a new approach to introductory computer science called Media Computation.  
Responsibilities included: coauthoring grant proposals, supervising other research assistants, research instrument design, data collection and analysis, paper writing, heuristic usability evaluation of new student programming environment.
- 2001-2002 **Web Designer**  
Freelance  
Clients: Michigan Virtual University, Lectures Online, Ucompass.com, Inc., Spiraco, Inc., Texas Environmental Center, AO Design
- 2000-2001 **Interaction Designer**  
Spiraco, Inc.  
Analyzed goals and information needs of diverse user groups, created user-centered interaction models, architected navigation and screen layouts for web-based applications; constructed low-fi prototypes to communicate with various stakeholders, authored design documentation, performed cognitive walkthroughs and heuristic usability evaluations.
- 1999-2000 **Communication Specialist**  
Texas Taxpayers and Research Association  
Designed and maintained company website, authored and edited web content, planned, created and launched several new online and in-house information services, managed corporate library and archives.