

HEATHER WILTSE

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Research Area

My research centers around trying to understand and critique the social implications of digital technologies in ways that can speak to their design. It sits roughly at the intersection of HCI Design, Philosophy of Technology, and Science and Technology Studies (STS).

Education

Fall 2007–Present	<p>Indiana University Bloomington—Enrolled in Informatics PhD program, concentrating in Human-Computer Interaction. Passed qualifying exams in the spring of 2011.</p> <p>Dissertation committee comprised of Erik Stolterman (primary advisor), Jeffrey Bardzell, David Hakken, and Mary Gray.</p>
Fall 2004–Fall 2007	<p>Indiana University Purdue University Indianapolis (IUPUI)—Master of Science degree in Human Computer Interaction from Indiana University School of Informatics awarded December 2007.</p> <p>Cumulative GPA: 3.979/4.0.</p>
1999–2003	<p>Southern Adventist University—Graduated <i>magna cum laude</i> with Bachelor of Arts degree in Psychology and minor in Computer Science.</p> <p>Cumulative GPA: 3.85/4.0; within major GPA: 3.94/4.0.</p>

Peer-Reviewed Publications

2010	<p>Heather Wiltse and Erik Stolterman. 2010. Architectures of interaction: an architectural perspective on digital experience. In <i>Proceedings of the 6th Nordic Conference on Human-Computer Interaction: Extending Boundaries</i> (NordiCHI '10). ACM, New York, NY, USA, 821–824. DOI=10.1145/1868914.1869038 http://doi.acm.org/10.1145/1868914.1869038</p>
2009	<p>Heather Wiltse and Jeffrey Nichols. 2009. PlayByPlay: collaborative web browsing for desktop and mobile devices. In <i>Proceedings of the 27th international conference on human factors in computing systems</i> (CHI '09). ACM, New York, NY, USA, 1781–1790. DOI=10.1145/1518701.1518975 http://doi.acm.org/10.1145/1518701.1518975</p>

Book Review

2011 **Heather Wiltse.** 2011 (forthcoming). Review of *Interface Fantasy: A Lacanian Cyborg Ontology*, by André Nusselder.

Thesis

2007 **Heather Wiltse.** 2007. *The everyday use and experience of computer-mediated communication*. Master's thesis, Indiana University Purdue University Indianapolis.

Thesis committee comprised of Eden Medina (primary advisor), Anthony Faiola, and Josette Jones.

Other Papers

2011 **Heather Wiltse.** 2011 (forthcoming). Of birthdays and barns: Reflections on memory in an age of technologies that never forget. Paper to be presented at the Seventh International Congress of Qualitative Inquiry.

2011 **Heather Wiltse.** 2011 (forthcoming). In search of a philosophy for 'wicked' technologies. Paper to be presented at SPT 2011, the biennial conference of the Society for Philosophy and Technology.

2010 Jennifer Terrell and **Heather Wiltse.** 2010 (under review). A song for a Squib: Developing strategies for analyzing messy and emerging digital experiences.

Patent

2009 Jeffrey Nichols and **Heather Wiltse.** Hybrid synchronous/asynchronous means for sharing user interactions across multiple devices.

The application for this patent was filed by IBM in 2009 and was based on work I did with Jeffrey Nichols on the PlayByPlay prototype during the summer of 2008 (described in the 2009 publication listed above).

Teaching History

Summer 2011 Co-instructor for T100, the Informatics elective course for the Groups program at Indiana University.

Spring 2011 Associate Instructor for I202 Social Informatics. Taught one weekly discussion section, delivered a guest lecture and did grading.

Fall 2010 Associate Instructor for I300 Human-Computer Interaction Design. Led a weekly design critique session and graded design projects.

Summer 2010	Co-instructor for T100, the Informatics elective course for the Groups program at Indiana University. Developed an original syllabus and led students in a class project that involved the design and implementation of a blog during the six weeks of the course.
Spring 2010	Associate Instructor for I453 Information and Computer Ethics at Indiana University. Assisted with course logistics and developing and delivering course content in lectures, and did grading. Also developed and presented a two-week unit on philosophy of technology, including lectures and an associated assignment.
Fall 2009	Associate Instructor for I202 Social Informatics. Taught three weekly discussion sections and delivered guest lectures.
Spring 2009	Associate Instructor for I202 Social Informatics. Taught one weekly discussion section, delivered a guest lecture and did grading.
Fall 2008	Associate Instructor for I202 Social Informatics. Taught one weekly discussion section, delivered guest lectures, and did grading.
Spring 2008	Associate Instructor for I202 Social Informatics. Co-taught two weekly discussion sections, delivered a guest lecture, and did grading.
Fall 2007	Associate Instructor for I202 Social Informatics. Taught one weekly discussion section and did grading.

Service

2009–present	Reviewer for <i>New Media & Society</i> and the CHI, Emotion and Design, and IASDR conferences.
2011 (present)	Graduate Informatics Student Association (GISA) Institutional Voice Chair— Indiana University Bloomington, April 2011–March 2012.
2011	Served on the program committee for WIP (work in progress) submissions for CHI 2011
2007-2009	Served as chair of Graduate Informatics Student Association (GISA) Research and Professional Development Committee — Indiana University Bloomington, Sept 2007–Jan 2009.

Employment History

2010-2011 (summers)	Indiana University School of Informatics—Co-instructor of T100, the Informatics elective course for the Groups program
Sept 2007–present	Indiana University School of Informatics—Associate Instructor.
2009	SocialLens — Cofounder and contractor on two paid client engagements.
June–Aug 2008	IBM Almaden Research Center (USER group) — Summer intern Worked with Jeffrey Nichols on PlayByPlay, an application designed to facilitate collaborative browsing on desktop and mobile devices. Resulted in a patent application and a full paper presented at CHI 2009.

June–July 2007	Pearson Education User Experience Group—Summer intern Assisted with planning, execution and evaluation of usability testing, as well as interface design critique.
Aug. 2006–May 2007	Indiana University Purdue University Indianapolis (IUPUI)—Research assistant for director of the Human-Computer Interaction program.
May–Aug 2006	The Anderson Group—Project for Public Employee’s Retirement Fund (PERF).
Aug 2005–May 2006	Indianapolis Junior Academy—Office manager and bookkeeper.
Mar–Aug 2005	Clay Terrace Lifestyle Center (Simon Property Group)—Guest Services Supervisor.
Feb–Mar 2005	Clay Terrace Lifestyle Center—Guest Services Associate.
May 2004–Feb 2005	Conseco—Member of Help Desk/Escalation Team in the Health Call Center.
Aug 2003–May 2004	Conseco—Customer Advocate in Health Call Center.
Sept 2001–June 2003	The Limited—Sales support associate/sales associate part-time during school terms.
2001 (summer)	Eli Lilly & Company, Development area of Clinical Trial Materials Quality Control—Summer replacement student.
2000-2001	Southern Adventist University, Music Department—Piano accompanist for women’s choir.
2000 (summer)	Eli Lilly & Company, Study Drug Coordination Group of Clinical Trial Material Management—Summer replacement student.

Professional Memberships

The Association for Computing Machinery (ACM)

ACM SIGCHI (the special interest group for Human-Computer Interaction)

Lifetime member of Psi Chi—The National Honor Society in Psychology

The Society for Social Studies of Science (4S)

The Society for Philosophy and Technology (SPT)