

Jed R. Brubaker

CURRICULUM VITAE // SEPTEMBER 2012

PERSONAL INFORMATION

Department of Informatics
School of Information and Computer Sciences
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EDUCATION

University of California at Irvine , Irvine, CA Ph.D. Candidate, Informatics Advisor: Gillian R. Hayes	2014 (Expected)
Georgetown University , Washington, D.C. Master of Arts, Communication, Culture & Technology Advisor: David Ribes Thesis: <i>I am an ID: Non/persisting our sociotechnical identities</i>	2009
University of Utah , Salt Lake City, UT Bachelors of Science, Psychology, Summa Cum Laude Thesis: <i>Coming Out with Stories: Macrocontextual effects on the coming out stories of young gay men</i> Senior Project: <i>Electronic Research Application (ERA): Improving observational research methodology through the use of online multimedia</i>	2004
Western Wyoming College , Rock Springs, WY A.S., A.A., A.F.A., Psychology & Performing Arts Honors, Distinction in Dance, Distinction in Musical Theatre	2001

RESEARCH INTERESTS

Digital identity, social computing, computational representation, socio-technical systems, human-computer interaction, computer-mediated communication, social media

RESEARCH EXPERIENCE

Social and Technological Action Research (STAR) Group UC Irvine, Department of Informatics Under the advisement of Gillian R. Hayes, currently engaged in research projects in the areas of human centered computing, social media, and personal data. Mixed-method analysis of user practices related to the death on social network sites and analyses of technical architectures of digital identity.	Research Assistant August 2009 – Present
Microsoft Research Silicon Valley Collaborating with Cathy Marshall and John Tang, conducted a qualitative study of cloud syncing and sharing services in individual and collaborative settings. Activities include study design, interviews, analysis, write-up, and presentations to Microsoft product teams.	Research Intern Summer 2012

**Microsoft Research – New England
Social Media Collective**

Collaborating with Kate Crawford and Mike Ananny, led a qualitative study of users who have “left” the location-based social networking mobile app Grindr in order to develop a sociotechnical theory of “leaving.” Activities include study design, interviews, analysis, and journal article write-up.

**Research Intern
Spring 2012**

**Microsoft Research – Redmond
VIBE/HIP Groups**

Collaborated with Gina Venolia and John Tang to conduct an ethnographic study of video communication use in personal and professional domains. Activities included the study design, interviews with 24 participants, qualitative analysis, validation survey, write-up, and meetings with and presentations to Microsoft product teams involved with video communication.

**Research Intern
Summer 2011**

Digital Identity Authorship/Readership

Georgetown University, Communication, Culture & Technology

Engaged in independent interdisciplinary research with advisement from David Ribes, Jeanine Turner, Matthew Tinkcom, and Mirjana Dedaic. Research topics included Internet memes, censorship in online communities, technosubjectivity, production of identity in digital spaces, and identity persistence.

Principal Investigator

August 2007 – May 2009

Era Project (Alexander Lab)

University of Utah, Department of Psychology

Proposed and conducted an original project under the advisement of James Alexander, Ph.D. Developed online multimedia application; data collection and management; supervised 4 research assistants and 15 coders; provided statistician with data reports and analysis. Project sponsored by the Functional Family Therapy Research Group, funded by a NIDA grant from the NIH.

Senior Project Research

August 2002 – August 2006

Narrative Socialization in Young Gay Men

University of Utah, Department of Psychology

Senior Thesis Project conducted under the advisement of Monisha Pasupathi, Ph.D. “Coming Out with Stories: Macrocontextual effects on the autobiographical stories of young gay men.” Conducted an empirical study including proposal, theoretical justification, IRB approval for research on human subjects, data collection, analysis and thesis.

Thesis Research

January 2003 – May 2004

Functional Family Therapy Project

University of Utah, Department of Psychology

Under the direction of James Alexander, Ph.D., assisted with research on systemic therapies and techniques for court referred delinquent adolescents. Duties: coding system development, coding, coder training, computer programming and project management.

Research Assistant/Leader

May 2002 – December 2003

Service Project in Social Psychology

University of Utah, Department of Psychology

Collaboratively proposed and conducted an original project with fellow students under the supervision of Carol Sansone, Ph.D. Duties: hypothesis and testing methodology; survey development and conduction; data input and analysis using SPSS; written report and presentation for Crossroads Urban Center.

Student Researcher

August 2002 – May 2003

RELATED PROFESSIONAL EXPERIENCE

**Association of American Medical Colleges
Senior Systems Developer, MCAT**

Designed, implemented and maintained large-scale enterprise applications for the Medical Colleges Admissions Test (MCAT). Converted paper-based test into computer-based test and supporting applications, developed and developed the MCAT Registration Application used by over 200k users a year. Conducted software design, interaction design, usability research, front-end programming, SOA back-end programming.

**Washington, D.C.
2006 – 2009**

IsoTruss International
Director of Technology & Marketing
Programmer

American Fork, UT
2004 – 2006
2004

Oversaw all web projects and marketing, managing programmers and design staff. Worked with and advised the CEO and VP of Operations on development and marketing strategy. Developed enterprise systems through the entire development lifecycle. Projects included e-commerce areas such as inventory management, accounting, customer service, viral customer referral, email marketing application, web optimization via analytics.

Era Research Project, Psychology, University of Utah
Principal Investigator

Salt Lake City, UT
2002 – 2004

Era was designed as internet based software intended to streamline research transcription, coding and rating through video integration. Managed 4 research assistants, training and assigning technically related tasks. Research activities were sponsored by the Functional Family Therapy Project, a NIDA/NIH funded project. Developed "Time Lapse Transcription" technique, increasing research accuracy and decreasing transcription time by 80%. Presented work at four national conferences.

PUBLICATIONS

Conference Publications (Peer Reviewed)

Brubaker, J. R., Venolia, G., Tang, J. Focusing on Shared Experiences: Moving Beyond the Camera in Video Communication. *Proc. DIS 12*. Newcastle, UK. June 11-15, 2012.

Brubaker, J. R., Kivran-Swaine, F., Taber, L., and Hayes, G. R. Grief-Stricken in a Crowd: The language of bereavement and distress in social media. *Proc. ICWSM-12*. Dublin, Ireland. June 4-8, 2012.
[Best Paper Nomination]

Brubaker, J. R. and Hayes, G. R. SELECT * FROM USER: Infrastructure and Socio-technical Representation. *Proc CSCW 2011*. Hangzhou, China. March 19–23, 2011. **[Best Paper Nomination]**

Brubaker, J. R. and Hayes, G. R. "We will never forget you [online]": An empirical investigation of post-mortem MySpace comments. *Proc CSCW 2011*. Hangzhou, China. March 19–23, 2011. **[Best Paper Nomination]**

Journal Publications (Peer Reviewed)

Brubaker, J. R., Hayes, G. R., and Dourish, J. P. (accepted). Beyond the Grave: Facebook as a site for the expansion of death and mourning. *The Information Society*.

Brubaker, J. R. (2008). wants moar: a comparison between LOLcats and intertitles in the framing of visual media. *gnovis Journal*, 8, 117-124.

Pasupathi, M., Mansour, E., & Brubaker, J. (2007). Developing a life story: Constructing relations between self and experience in autobiographical narratives. *Human Development*, 50, 85-110.

Brubaker, J. R. (2002). E-Gay: Gay Mormon youth and the Internet. *Sunstone: Mormon Experience, Scholarship, Issues & Art*, 125, 39.

Book Chapters

Brubaker, J. R. (2009). I judged you at Starbucks: Confession and regulation of contextual selves on craigslist Missed Connections. In F. Dervin, & Y. Abbas (Eds.), *Digital Technologies of the Self*. Cambridge Scholars.

Conference and Workshop Papers without Proceedings (Lightly Peer Reviewed)

Brubaker, J. R. (2011, November), Impossible Deaths: the sociotechnical performance of digital identity. Paper presented at the Society for Social Studies of Science (4S) Annual Meeting, Cleveland, OH.

Brubaker, J. R., Hirano, S. H., & Hayes, G. R. (2011, May). Lost in Translation: Three challenges for the collection and use of data in personal informatics. Presented at the CHI 2011 Workshop on Personal Informatics & HCI: Design, Theory, & Social Implications, Vancouver, BC, Canada.

- Brubaker, J. R. (2010, August), Infrastructures of Self-Presentation: the sociotechnical performance of digital identity. Paper to be presented at the Society for Social Studies of Science (4S) Annual Meeting, Tokyo, Japan.
- Brubaker, J. R. (2010, May), Two Histories of Digital Identity. Paper presented at UC Irvine's History Annual Conference: "Under Construction", University of California – Irvine, Irvine, CA.
- Brubaker, J. R. (2010, April), Reconnecting Corpses and the Digitally Dead. Paper presented at UC Irvine's Culture & Theory Annual Conference: "Quarantine", University of California – Irvine, Irvine, CA.
- Brubaker, J. R. & Vertesi, J. (2010). Death and the Social Network. Presented at the CHI 2010 Workshop on HCI at the End of Life: Understanding Death, Dying, and the Digital, Atlanta, GA.
- Brubaker, J. R., Lustig, C., & Hayes, G. R. (2010, February). Patients Like Me: Empowerment and Representation in a Patient-Centered Social Network. Presented at the CSCW 2010 Workshop on CSCW Research in Healthcare: Past, Present, and Future, Savannah, GA.
- Brubaker, J. R. (2009, March). Authoring the Single-Use Identity: Intertechnical production of the non-persistent subject on craigslist Missed Connections. Paper presented at American Comparative Literature Association 2009 Annual Meeting: Global Languages, Local Cultures, Harvard University, Cambridge, MA. (Seminar on "Intertechnical Bodies" co-chaired with Megan McCabe and Theodora Danylevich.)
- Brubaker, J. R. (2008, April). I judged you at Starbucks – m4m (craigslist missed connections): digital communication and the regulation of real world contexts. Paper presented at quickanddirty IV, University of Maryland, College Park, MD.
- Brubaker, J. R. (2006, November). craigslist Missed Connections: Social Regulation in the Non-Persistent Web. Paper presented at the annual Space, Place and the Imagination conference, University of Rhode Island, Kingston, RI.
- Brubaker, J. R. (2004, November). Era: An Internet-based multimedia research system for transcription and coding. Paper presented at the annual conference for the Society for Computers in Psychology, Minneapolis, MN.
- Brubaker, J. R. (2004, April). Electronic Research Application: An Internet based multimedia approach to transcription and coding. Paper presented at the annual conference for the Rocky Mountain Psychological Association, Reno, NV.
- Brubaker, J. R. (2004, March). Web development and collaboration in ArtsBridge America. Invited presentation the annual ArtsBridge America National Conference, Salt Lake City, UT.
- Brubaker, J. R. (2003, October). On the Edge: Supporting today's LGBTQ youth from across the generational line. Paper presented at the annual Affirmation: Gay & Lesbian Mormons Annual Conference, Salt Lake City, UT.
- Jennings, D., Brubaker, J. R., Cloward, A. &, Shroy, S. (2003, August). Shall the Youth of Zion Falter? Young Gay Mormon Experiences. Panel presentation at the annual Sunstone Symposium, Salt Lake City, UT.
- Brubaker, J. R. (2003, March). The Electronic Research Assistant: an online coding solution. Paper presented at the National Conference of Undergraduate Research, Salt Lake City, UT.
- Jennings, D., Brubaker, J. R. (2000, October). Coming Out Mormon: Gay Youth Perspectives. Panel presentation at the annual Affirmation: Gay & Lesbian Mormons Annual Conference, Lake Tahoe, CA.

Posters

- Taber, L., Brubaker, J. R., Kivran-Swaine, F., & Hayes, G. R. (2011). Grief-stricken in a Crowd: The language of emotional distress in social media. Presented at the 2011 Workshop on Ubiquitous Computing Uniting the Californias. San Diego, California. November 11–12, 2011.

- Brubaker, J. R. & Hayes, G. R. (2011). A study of post-mortem social networking. Presented at the 2011 Workshop on Ubiquitous Computing Uniting the Californias. Ensenada, Mexico. March 3–5, 2011.
- Brubaker, J. R., Chen, Y., Cheng, K., Combs, C., George, S., Harrison, S., Hayes, G. H., & Kaplan, S. (2010). Attitudes and Readiness for Adoption of an Electronic Medical Records System: A Preliminary Case Study. Presented at the Workshop on Interactive Systems in Healthcare (WISH) at CHI 2010, Atlanta, GA.
- Brubaker, J. R. (2004, April). Coming Out with Stories: Macrocontextual effects on the coming out stories of young gay men. Poster presented at the annual University of Utah Undergraduate Research Symposium, Salt Lake City, UT.
- Brubaker, J. R. (2004, April). Coming Out with Stories: Macrocontextual effects on the coming out stories of young gay men. Poster presented at the annual Psychology Department Poster Session, Salt Lake City, UT.

Magazine Articles

- Harris, B. & Brubaker, J. R. (2009). ExtJS: An Introduction. *JsMag*, 1(1).

Press

- [UCI workshop explores friendlier technology](#). The Orange County Register, by Ian Hamilton. 8/22/2012.
- [Mourning in the Digital Age](#). Talk of Iowa with Charity Nebbe, Iowa Public Radio. 7/11/2012.
- [A Life Lived Online: How We Talk About Death on Social Media](#), by Alicia Eler, ReadWriteWeb. 3/14/2012.
- [“I Wanna Live Forever,” or How We Die on Social Networks](#), by Alicia Eler, ReadWriteWeb. 3/6/2012.
- Tech Talk with Shane Burke, KUCI 88.9FM, Irvine, California. Discussing research on death and mortality on Facebook and MySpace. November, 2011.

INVITED TALKS

- Brubaker, J. R. (2011, August), Post-mortem Social Networks: Unearthing new spaces of death and grief. Invited talk at the Design Use Build (DUB) talk series, University of Washington, Seattle, Washington.
- Brubaker, J. R. (2011, May), Post-mortem Social Networks: Unearthing new spaces of death and grief. Invited talk at the Berkeley Institute of Design, University of California, Berkeley, California.
- Brubaker, J. R. (2005, March). Post-Gay: Inverting cultural adherence in a post-modern context. Invited lecturer at Ethics Day, Utah Valley State College, Orem, UT.
- Jennings, D., Brubaker, J. R., Cloward, A. &, Shroy, S. (2003, August). Shall the Youth of Zion Falter? Young Gay Mormon Experiences. Panel presentation at the annual Sunstone Symposium, Salt Lake City, UT.
- Jennings, D., Brubaker, J. R. (2000, October). Coming Out Mormon: Gay Youth Perspectives. Panel presentation at the annual Affirmation: Gay & Lesbian Mormons Annual Conference, Lake Tahoe, CA.

SCHOLARSHIPS, HONORS, & ACADEMIC AWARDS

- Information and Computer Sciences Fellow, University of California at Irvine, 2009-2012
- National Science Foundation Graduate Research Fellowship, Honorable Mention, 2010
- Full M.A. Scholarship, Communication, Culture and Technology Program, Georgetown University, 2007-2009
- Summa Cum Laude, University of Utah, 2004

Undergraduate Research Opportunities Grant, University of Utah. Awarded 8/27/2003 to Jed R. Brubaker, Undergraduate Investigator

Eleanore & Lawrence Olsen College of Social and Behavioral Science Honor Roll Scholarship, University of Utah, 2003 – 2004

Dean's List, University of Utah, 2001 – 2003

Senior Thesis Program (Psychology), University of Utah, 2003 – 2004

Psi Chi (Honors Society for Psychology), 2002

Transfer Honors at Entrance Scholarship, University of Utah, 2001 – 2003

Distinguished Graduate, Western Wyoming College, 2001

Dean's List, Western Wyoming College, 2001

Civic Academic Grant, Western Wyoming College, 2000 – 2001

President's List, Western Wyoming College, 1999 – 2000

Freshman Distinction in Dance, Western Wyoming College, 2000

Senior Scholarship, Western Wyoming College, 1999 – 2001

Ability Scholarship (Musical Theatre), Western Wyoming College, 1999 – 2001

TEACHING EXPERIENCE

Training

Graduate Certificate from the Apprenticeship in Teaching Program Center for New Designs in Learning & Scholarship Georgetown University	2006-2009
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Courses

Social Implications of Information Systems INF 161, UC Irvine, Instructor: Paul Dourish	Teaching Assistant Fall 2010
Communication Theories and Frameworks CCTP 752, Georgetown University, Instructor: Jeanine Turner	Teaching Assistant Fall 2008
Various Professional Technical Courses NetCom	Instructor 2005-2006
Research Methods in Abnormal Psychology PSYCH 3900, University of Utah	Instructor Spring 2004, Fall 2004
Service Learning in Abnormal Child Psychology PSYCH 3904, University of Utah	Instructor Fall 2003
Counseling Sexual & Gender Minority Clients ED PSYCH 6900, University of Utah, Instructor: Lee Beckstead	Teaching Assistant Summer 2003

Guest Lectures

<i>Social Identity and Social Media</i> . INF 161: Social Implications of Information Systems, UC Irvine. Instructor: Melissa Mazmanian	Fall 2011
<i>Social Identity and Social Media</i> . INF 161: Social Implications of Information Systems, UC Irvine. Instructor: Melissa Mazmanian	Fall 2011
<i>Remembering and Forgetting</i> . INF 161: Social Implications of Information Systems, UC Irvine. Instructor: Paul Dourish	Fall 2010

SERVICE & VOLUNTEERING

University of California, Irvine

Informatics Graduate Student Association, President (2010-2011)
Informatics Graduate Student Recruitment Committee (2010)

Journals & Magazines

ACM XRDS, Feature Editor (2012-)
Editorial Board, gnovis Journal (2010-)
Informatics Graduate Student Association, President (2010-2011)
New Media Editor, gnovis Journal (2008-2009)
Peer Reviewer, gnovis Journal (2008-2009)

Conference Paper Reviewing

CSCW 2010, 2011, 2012
CHI 2010, 2011, 2012
DIS 2010, 2012
UbiComp 2011, 2012

Conference Student Volunteering

CSCW 2011
CHI 2011

Conference Organizing Committees

Webmaster, Ubicomp 2012