

# Matthew J. Bietz

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## Education

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- 2007  
(expected) *Ph.D. in Information*  
University of Michigan School of Information, Ann Arbor, MI  
Dissertation: “Interactivity and Electronic Communication: An Experimental Study of Mediated Feedback”  
Dissertation Committee:
- Dr. Gary M. Olson, School of Information (Chair)
  - Dr. Judith S. Olson, School of Information
  - Dr. Michael D. Cohen, School of Information
  - Dr. Jason D. Owen-Smith, Sociology & Organizational Studies
- 2000 *M.S. in Information*  
University of Michigan School of Information, Ann Arbor, MI
- 1997 *M.A. in Historical Musicology*  
State University of New York at Stony Brook , Stony Brook, NY  
Master’s Thesis: “Remembering in Frederic Rzewski’s *The People United Will Never Be Defeated*”
- 1995 *B.A. in English, cum laude*  
*B.Mus. in Cello Performance, cum laude*  
Lawrence University, Appleton, WI

## Research & Professional Experience

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- 2001-2007 Collaboratory for Research on Electronic Work (CREW)  
School of Information, University of Michigan, Ann Arbor, MI  
Graduate Student Research Assistant: Science of Collaboratories Project,  
Waterford Project, International AIDS Research Collaboratory
- 1999 Microsoft Corporation, Redmond, WA  
Usability Intern: User needs analysis and usability testing with product development teams in the Back Office division.

- 1999- 2000 Cultural Heritage Initiative for Community Outreach (CHICO)  
School of Information, University of Michigan, Ann Arbor, MI  
Project Member: Work with students and cultural groups to produce electronic cultural heritage resources.
- 1998 – 2000 Institute for Research on Women and Gender  
University of Michigan, Ann Arbor, MI  
Intern: Assisting researchers and staff with use of electronic resources, web site design and content management, assistant for “Using Math: Girls Investigate Real Life” project
- 1997-1998 Music Library, State University of New York at Stony Brook, Stony Brook, NY  
Instructional Support Associate: Reference, circulation, technical services, and management of the library’s computer network and audio facilities.
- 1997 Music Department, State University of New York at Stony Brook, Stony Brook, NY  
Research assistant to Professor Joseph Auner, examining early twentieth-century music in Vienna.
- 1994-1995 Lawrence University, Appleton, WI  
Research Assistant to Professor Dominique René de Lerma, editing an encyclopedia of African-American music.

## **Publications/Papers**

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- 2007 Bietz, M. J., Naidoo, M., & Olson, G. M. (forthcoming). The International AIDS Research Collaboratory. To appear in G.M. Olson, N. Bos, & A. Zimmerman (Eds.), *Science on the Internet*. Cambridge, MA: MIT Press.
- 2006 Bietz, M. J. (2006). *Feedback communication in mixed-media environments: An experimental study*. Poster presented at the ACM Conference on Computer Supported Cooperative Work, Banff, Canada.
- Bietz, M. J. (2006). *Interactivity and electronic communication: An experimental study of mediated feedback*. Paper presented at the Institute for Software Research Graduate Student Research Symposium, University of California, Irvine.
- 2004 Bietz, M. J. (2004). *Feedback acceptance in distributed work*. Poster presented at the ACM Conference on Computer Supported Cooperative Work, Chicago, Illinois.
- Bietz, M. J., & Birnholtz, J. (2004). *How data contribute to scientific practice*. Paper presented at the Academy of Management 2004 Annual Meeting, New Orleans, Louisiana.

- 2003 Birnholtz, J., & Bietz, M. J. (2003). Data at work: Supporting sharing in science and engineering, *Proceedings of the 2003 International ACM SIGGROUP Conference on Supporting Group Work* (pp. 339-348). New York, NY: ACM Press.
- Olson, G. M., Bietz, M. J., Naidoo, M., Cogburn, D. L., & Teasley, S. (2003). *Collaboratories for HIV/AIDS research in southern Africa*. Paper presented at the HELINA 2003: Communication and Information Technology in the Global Fight Against HIV/AIDS, Johannesburg, South Africa.
- Bietz, M. J. (2003). *Distributed medicine and interpersonal interaction: Implications for technology design*. Paper presented at the HELINA 2003: Communication and Information Technology in the Global Fight Against HIV/AIDS, Johannesburg, South Africa.
- Bietz, M. J. (2003). Delay and Trust in Distributed Collaboration. Presented as part of panel “New millennium, new workplace: Implications of changing workplace relationships” at Academy of Management 2003 in Seattle, WA.
- Bietz, M. J. (2003). Delay and Trust in Distributed Collaboration. Boaster presented at the Human Computer Interaction Consortium, Winter Park, CO.
- 2002 Olson, G. M., Bietz, M. J., Naidoo, M., Cogburn, D. L., & Teasley, S. (2002). Collaboratories to support distributed science: The example of international HIV/AIDS research, *Proceedings of the 2002 Annual Research Conference of the South African Institute of Computer Scientists and Information Technologists on Enablement Through Technology* (pp. 44-51). Pretoria, Republic of South Africa: South African Institute for Computer Scientists and Information Technologists. (Included in the Association for Communication Machinery Digital Library.)
- Bietz, M. J., & Olson, G. M. (2002). International AIDS research collaboratory: Boundary practices for distributed science. Poster presented at the ACM Conference on Computer Supported Cooperative Work 2002, New Orleans, LA.
- 2001 Whitten, W. B. II, Benimoff, N., Schubert, R. E., Anthal, J. S., Olson, J. S. and Bietz, M. (2001). Tracking user experience: A unified metric. *Proceedings of the Conference on Human Factors in Telecommunications*. Bergen, Norway, November 5-7, 2001.

- 2000 Bietz, M. J. (2000). Systems Design for the Gendered Workplace: Feminist Practice and Information Technology. Paper presented at the University of Michigan Interdisciplinary Program in Feminist Practice Graduate Student Conference, *Practicing in 3-D: Juggling Multiple Identities*, Ann Arbor, MI, March 2000.

## Teaching Experience

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- 2001-2002 School of Information, University of Michigan, Ann Arbor, MI  
Graduate Student Instructor: "Design of User Interfaces" with Tom Brinck.  
Graduate Student Instructor: "Evaluation of Systems and Services" with Professor Judy Olson.
- Classroom instruction, supervising student projects, grading, and holding office hours.
- 1997 Music Department, State University of New York at Stony Brook, Stony Brook, NY  
Lecturer: "Introduction to Music."
- Syllabus development, classroom instruction, office hours and grading.
- 1995-1997 Music Department, State University of New York at Stony Brook, Stony Brook, NY  
Teaching Assistant: "Remedial Sight-Singing."
- Syllabus development, classroom instruction, office hours and grading.
- Teaching Assistant: "Introduction to Music."
- Assisting during lectures, leading discussion sections, and grading.

## Current Research Interests

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*Social and Organizational Impacts of Information and Communication Technology: Effects of Mediation and Distance on Interpersonal Communication, Interpersonal Relationships in Distributed Groups, Relational Practice, Distributed Communities of Practice*

*Cyberinfrastructure, Collaboratories, and e-Science: Distributed Research Groups, International Scientific Collaboration, e-Science and Development, Electronic Data Sharing*

*User-Centered Design of Information and Communication Technology: Usability Methods, Participatory Design, User Needs Analysis, Computer Supported Cooperative Work*

## Awards and Fellowships

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- 2006 i-Conference Doctoral Colloquium

- 2006 Rackham Discretionary Grant, Horace H. Rackham School of Graduate Studies, University of Michigan
- 2005-2006 Rackham Predoctoral Fellowship, Horace H. Rackham School of Graduate Studies, University of Michigan
- 2004 ACM Conference on Computer-Supported Cooperative Work (CSCW) Doctoral Colloquium
- 2004 Academy of Management Organizational Computing and Information Systems Doctoral Consortium
- 2001 University of Michigan Interdisciplinary Committee on Organizational Studies Doctoral Student/Faculty Small Grant to study international HIV/AIDS research collaborations in southern Africa (with Prof. Gary Olson)
- 1991-1995 Henry Merritt Wriston Fellowship, Lawrence University

## Service Activities

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Electronic Publications Chair, CSCW: ACM Conference on Computer Supported Cooperative Work (2004 and 2006)

Program Committee, University of California Institute for Software Research  
2006 Graduate Student Research Symposium

Reviewer: Journal of Computer-Mediated Communication (JCMC);  
Communications of the ACM (CACM); CSCW: ACM Conference on  
Computer Supported Cooperative Work; CHI: ACM Conference on Human  
Factors in Computing Systems; Academy of Management Annual Meeting,  
Organizational Communication and Information Systems Division

Webmaster, Human Computer Interaction Consortium, 2001 - 2006

Web developer, Artifacts & Disclosures: Michigan's LGBT Heritage online  
exhibit, 2000

Organizing Committee, Alliance for Community Technology workshop on  
Making Advanced Technology Work for Community Serving Organizations,  
Ann Arbor, MI, May 2000

Organizing Committee, Relational Practice in Organizations workshop, Ann  
Arbor, MI, October 1999

Board member, Lavender Information and Library Association, School of  
Information, University of Michigan, 1999-2001

## Professional Memberships

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Academy of Management, Organizational Communication and Information  
Systems Division  
Association for Computing Machinery special interest group on Computer-  
Human Interaction  
International Communication Association

## References

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Prof. Gary Olson  
University of Michigan  
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Prof. Judith S. Olson  
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Prof. Michael Cohen  
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