Beth E. Kolko

Professor

Department of Human Centered Design & Engineering

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## Educational History

Ph.D., English, The University of Texas at Austin, May 1994
Dissertation: Cultural Studies, Community, and the Teaching of Writing

M.A., English, The University of Texas at Austin, May 1991

B.A., English, cum laude, Oberlin College, May 1989

## Employment History

Professor, Department of Human Centered Design & Engineering. University of Washington, Seattle, WA. Fall 2010- present

Associate Professor, Department of Human Centered Design & Engineering (formerly Technical Communication), University of Washington, Seattle, WA, 2000- 2010

Visiting Researcher, Microsoft Research, Redmond, WA, March-June 2007

Visiting Associate Professor, University of World Economy and Diplomacy, Tashkent, Uzbekistan, Fall 2000

Assistant Professor, Rhetoric and Composition, English Department, University of Texas at Arlington, Arlington, TX, 1996-2000. Promoted and tenured in 2000

Assistant Professor, Rhetoric and Composition, English Department, University of Wyoming, Laramie, WY, 1994-1996

Adjunct Assistant Professor, Women's Studies Program, University of Wyoming, Laramie, WY, 1994-1996

Assistant Instructor, English, English Department, The University of Texas, Austin, TX, 1991-1994

Teaching Assistant, English, English Department, The University of Texas, Austin, TX, 1989-1991

Teaching Assistant, Technical Communication, Mechanical Engineering Department, The University of Texas, Austin, TX, 1990-1991

## Affiliations and Other Appointments

Faculty Associate, Berkman Center for Internet and Society, Harvard University, August 2009-present

Fellow, Berkman Center for Internet and Society, Harvard University, September 2007-July 2009

Adjunct Associate Professor, The Information School, University of Washington, 2009-present

Affiliate, Center for Internet Studies, University of Washington, 2002-2007

Affiliate, Russian, East European and Central Asian Studies Program, University of Washington, 2002-present

# Selected Publications

## Refereed Archival Journal articles

1. Walton, R., Yaaqoubi, J., & Kolko, B.E. (2012, accepted for publication). What’s it for? Expectations of Internet value and usefulness in Central Asia. *Information Technologies and International Development*: 8(3). 69-84.
2. Kolko, B.E., **Putnam, C., Rose, E**. (2011) “Reflection on research methodologies for ubicomp in developing contexts”. *Journal of Personal and Ubiquitous Computing*. OnlineFirst publication March 15, 2011  doi:10.1007/s00779-010-0338. 1-9. Print publication *15(6), 575-583. [Not sure if it was counted last year or not which is why I include it here]*
3. **Gleave, E., Robbins, B***.,* Kolko, B.E. (2011). “Trust in Uzbekistan." *International Political Science Review*. OnlineFirst publication February 28, 2011. 10.1177/0192512110379491 1-21.
4. Best, M.B., **Thakur, D**., Kolko, B.E. (2010). “The Contribution of User-Based Subsidies to the Impact and Sustainabiltiy of Telecenters – the eCenter Project in Kyrgyzstan.” *Special ICTD09 Issue of Information Technologies and International Development*. 6:2. 75-89**.**
5. **Putnam, C., Rose,** E., & Kolko, B. (2009). “Adapting User-Centered Design Methods to Design for Diverse Populations.” *Information Technology and International Development 5:4.* 49-71.
6. **Walton, R., Putnam, C., Johnson, E.,** & Kolko, B. (2009). “From Binary to Shades of Gray: Exploring the Relationship between ICT Skills and Employment.” *Information Technology and International Development 5:2*. 1-18.
7. **Johnson, E**., Kolko, B., & **Salikhbaeva, O**. (2009). Boundaries and information: Sidestepping restrictions through Internet conversations.” *First Monday 14:8 – 3*. np. 9472 words.

http://firstmonday.org/htbin/cgiwrap/bin/ojs/index.php/fm/article/viewArticle/2505/2247

1. Kim, S, Farber, S., Kolko, B.E., Kim, W., Ellsbury, K., & Greer, T. (2006). “Patterns of Faculty and Student Participation in On-Line Case Discussions of Palliative Care Scenarios.” *Family Medicine 38:7*. 494-499.
2. **Wei, C.,** & Kolko, B.E. (2005). “Resistance to Globalization: Language and Internet Diffusion Patterns in Uzbekistan.” *The New Review of Multimedia and Hypermedia 11:2*. 205-220.
3. Burgstahler, S., Jirikowic, T., Kolko, B.E., & **Eliot, M**. (2004). “Software Accessibility, Usability Testing and Individuals with Disabilities.” *Information Technology and Disabilities* *10:2*. np. (5629 words). http://www.rit.edu/~easi/itd/itdv10n2/burghsta.htm.
4. **Thayer, A**., & Kolko, B.E. (2004). “Localization of Digital Games: The Process of Blending for the Global Games Market.” *Technical Communication 51:4*. 477-488.
5. Kolko, B.E., **Wei, C**., & J.H. Spyridakis. (2003). “Internet Use in Uzbekistan: Developing a Methodology for Tracking Information Technology Implementation Success.” *Information Technologies and International Development 1:2*. 1-19.
6. Taylor, T.L., & Kolko, B.E. (2003). “Boundary Spaces: Majestic and the Uncertain Status of Knowledge, Community and Self in a Digital Age.” *Information, Communication & Society 6:4*. 497-522. Citations: 22.
7. Haselkorn, M.P., Sauer, G., Turns, J., Illman, D.L., Tsutsui, M., Plumb, C., Williams, T., Kolko, B.E., & J.H. Spyridakis. (2003). “Expanding the Scope of Examples from the Department of Technical Communication at the University of Washington,” *Technical Communication 50:2*. 174-191.
8. Kim, S., Kolko, B.E., & Greer, T. (2002). “Problem-Solving in Web-based Problem-Based Learning: Third-Year Medical Students' Participation in End-of-Life Care Virtual Clinic,” *Computers in Human Behavior 18:6*. 761-772.
9. Kolko, B. E. (2001). “Discursive Citizenship: The Body Politic in Cyberspace.” *The International Journal of Virtual Reality. 5:1*. 1-8.
10. Kolko, B.E. (1999) “Representing Bodies in Virtual Space: The Rhetoric of Avatar Design.” *The Information Society* *15:3*. 177-186.
11. Kolko, B.E. (1998). “Intellectual Property in Synchronous and Collaborative Virtual Space.” *Computers and Composition* *15:2*. 163-183.
12. Palmquist, M., Hochman, W., Kolko, B.E., Golson, E., Alexander, J., Barnes, L., & Kiefer, K. (1997). “Hypertext Reflections: Exploring the Rhetoric, Poetics, and Pragmatics of Hypertext.” *Kairos: A Journal for Teachers of Writing in Webbed Environments 2.2*. http://english.ttu.edu/kairos/2.2/features/reflections/bridge.html.
13. Kolko, B.E. (1995). “Building a World With Words: The Narrative Reality of Virtual Communities.” *Works and Days 13:1-2.* 105-126.
14. Kolko, B.E. (1993). “Using InterChange Transcripts Recursively in the Writing Classroom.” *Wings 1.1:4*, 1 page.

## Refereed Conference Proceedings

1. Kolko, B., Hope, A., Sattler, B., Maccorkle, K., Sirjani, B. (2012). “Hackademia:

Building Functional Rather Than Accredited Engineers” ACM Participatory Design Conference. Denmark. 129-138.

C2. Cynthia Putnam, Beth Kolko. (2012) “HCI Professions: Differences and Definitions.” In

Proceedings of the 2012 annual conference extended abstracts on Human factors in

computing systems MAY 5-10. ACM CHI EA ’12 Austin, TX, USA. CHI Works in Progress

paper. 338-349.

C3.Ruth E. Anderson; Richard J. Anderson; Gaetano Borriello; Beth Kolko

Designing technology for resource-constrained environments: Three approaches to a

multidisciplinary capstone sequence Proceedings - IEEE Frontiers in Education

Conference, FIE. October 2012. 6 pps.

1. C4.Jarman Hauser; Robert Racadio; William Wynn; Beth Kolko; Richard Anderson; Ruth

Anderson. Promoting behavior change through community-generated digital video

SIGDOC'12 - Proceedings of the 30th ACM International Conference on Design of

Communication. 2012:365-366

1. Cynthia Putnam, Beth Kolko. (2012) HCI Professions: Differences ad Definitions.” CHI Works in Progress paper. 6 pages. May 2012.
2. Kolko, BE., Hope, A., Maccorkle, K, Sattler, B, Vlachos, D. **“**Hackademia: Building Functional Rather Than Accredited Engineers” Participatory Design Conference 2012.
3. Putnam, C., Kolko, B and Wood, S.(2012).Communicating about users in ICTD: leveraging HCI personas. In *Proceedings of International Conference on Information and Communication Technologies and Development,*ICTD 2012, Atlanta, GA, USA, March 12-15
4. A. Hope; W. Brunette; W. Gerard; J. Keh; L. Shlenke; R. Anderson; M. Kawooya; R. Nathan; **B. Kolko.** (2012). “The Midwife’s Assistant: Designing Integrated Learning Tools to Scaffold Ultrasound Practice.” Information and Communications Technologies for Development (ICTD).March 2012. pp.
5. **B. Kolko**; A. Hope; W. Brunette; K. Saville; W. Gerard; R.; M. Kawooya; R. Nathan.(2012). *"*Adapting Collaborative Radiological Practice to Low-Resource Environments.” Computer-Supported Cooperative Work (CSCW). February 2012.pp.97-106.
6. W. Brunette; M. Hicks; A. Hope; G. Ruddy; R. Anderson; **B. Kolko**. (2011). “Reducing Maternal Mortality: An Ultrasound System for Village Midwives.” IEEE Global Humanitarian Technology Conference (GHTC). Pp. 84-90.
7. Rohit Chaudhri, Darivanh Vlachos, Jabili Kaza, Joy Palludan, Nathan Bilbao, Troy Martin, Gaetano Borriello, Beth Kolko, Kiersten Israel-Ballard, “A System for Safe Flash-Heat Pasteurization of Human Breast Milk.” NSDR. June 2011
8. Gorman, T., Rose, E., Yaaqoubi, J., Azaabanye Bayor, A., Kolko, B.E. (2011). Adapting Usability Testing for Oral, Rural Users. ACM CHI Conference. Vancouver, Canada.May 2011. pp. 1437-1440.
9. Anderson, R., **Kolko. B.** (2011) “Designing Technology for Resource-Constrained Environments: a Multidisciplinary Capstone Sequence.” ASEE. Vancouver, Canada*. June 2011.*
10. Brunette, W, Gottlieb, AH, Gerard, W, Anderson, R, Hicks, M., Boriello, G., **Kolko, B**. (2010). “Portable Antenatal Ultrasound Platform for Village Midwives.” ACM Computing for Development Conference. December 2010. ISBN 978-1-4503-0473-3978-1-4503-0473-3. pp. 1-10.
11. **Putnam, C**. & Kolko, B. (2010). “What Exactly is ‘The Internet”?: The Social Meaning of ICTs and Their Ability to Impact Development , .” Information and Communication Technologies and Development Conference. December 2010
12. Anderson, R.E., Poon**, A., Lustig, C., Brunette, W., Salihbaeva, O., Johnson, E., Putnam**, C., Boriello, G., & Kolko, B. E. (2010). “Experiences with a Transportation Information System that Uses Only GPS and SMS.” Information and Communication Technologies and Development Conference. December 2010.
13. Putnam, C. & Kolko B. (2009). Getting Online but still living offline: the complex relationship of technology adoption and in-person social networks. In *Proceedings of Advances in Social Networks and Mining, ASONAM '09.* pp. 33-40.
14. Putnam, C., Kolko, B., Rose, E. & Walton, R. (2009). Mobile phone users in Kyrgyzstan: A case study of identifying user needs and requirements. In *Proceedings of International Professional Communication Conference, IPCC '09*, Honolulu, Hawaii, July 20-22. np. (6267 words).
15. Driesbach, C., Walton R., Kolko, B., & Seidakmatova, A. (2009). Asking Internet Users to Explain Non-Use in Kyrgyzstan. In *Proceedings of International Professional Communication Conference, IPCC '09*, Honolulu, Hawaii, July 20-22. np. (4124 words).
16. Anderson, R.E., Poon, A., Lustig, C., Brunette, W., Boriello, G., & Kolko, B. E. (2009). “Building a Transportation Information System Using Only GPS and Basic SMS Infrastructure.” In *Proceedings of ACM/IEEE International Conference on Information and Communication Technologies and Development, ICTD '09*, Doha.Qatar, April 17-19, 2009. pp. 233-242. Acceptance rate 18%.
17. Kolko, B. & Putnam,C. (2009). Computer Games in the Developing World: The Value of Non-Instrumental Engagement with ICTs, or Taking Play Seriously. In *Proceedings of ACM/IEEE International Conference on Information and Communication Technologies and Development, ICTD '09*, Doha.Qatar, April 17-19, 2009. pp. 46-55. Acceptance rate 18%.
18. Best, M., Thakur, D., & Kolko, B. (2009). “The Contribution of User Based Subsidies to the Impact and Sustainability of Telecenters – the eCenter Project in Kyrgyzstan.” In *Proceedings of ACM/IEEE International Conference on Information and Communication Technologies and Development, ICTD '09*, Doha.Qatar, April 17-19, 2009. pp. 192-200. Acceptance rate 18%.
19. Kolko, B.E., Rose, E.J., & Johnson, E.J. (2007). Information Seeking as Communication: The Case for Mobile Social Software in Developing Regions.” *Proceedings of the 16th Annual IW3C2/ACM International WWW Conference (WWW2007)*. pp. 863-872. Acceptance rate14.7%. Citations: 23
20. Kolko, B.E., Johnson, E.J., & Rose, E.J. (2007). Mobile Social Software for the Developing World. *Proceedings of HCI International. Vol. 4564*. Springer Berlin. pp. 385-394.
21. Chen, V. H., Duh, H. B., Kolko, B., Whang, L. S., & Fu, M. C. (2006). Games in Asia project. In *CHI '06 Extended Abstracts on Human Factors in Computing Systems* (Montréal, Québec, Canada, April 22 - 27, 2006). CHI '06. ACM, New York, NY. pp. 291-294.
22. Wei, C. & Kolko, B.E. (2005). “Studying Mobile Phone Use in Context: Cultural, Political, and Economic Dimensions of Mobile phone use.” *Proceedings from the Annual IEEE IPCC Conference*. July 2005. (4690 words) Citations: 19.
23. Kolko. B.E. & Thayer, A. (2003). “Games as Technological Entry Point: A Case Study of Uzbekistan.” *Proceedings of the Digital Games Research Association*. Utrecht University. 19 pages.
24. Spyridakis, J.H., Wei, C., & Kolko, B.E. (2003).“The Relationship of Culture and Information-Seeking Behaviour: A Case Study in Central Asia.” *Adjunct Proceedings of HCI International 2003,* Crete University Press. pp. 167–168.
25. Kolko, B.E. (2002). “International IT Implementation Projects: Policy and Cultural Considerations.” *Proceedings from the Annual IEEE IPCC Conference*, Portland, OR, September 2002. pp. 352-359.
26. Kolko, B.E. & Whang, L. (2002). “Assessing Reliability and Credibility for Online Engineering Resources.” *American Society for Engineering Educators Annual Conference Proceedings*. 7 pp; session 1520.

### Abstract Refereed Conference Proceedings

1. Alexis Hope, Matthew A. Hicks, Wayne Gerard, Pratik Prasad, Karen Saville, Waylon Brunette, Leo Ham, Jacqueline Keh, Ruth E. Anderson, Gaetano Borriello, Beth E. Kolko, Robert Nathan, (2011). "*Designing an Intelligent Medical Assistant for Diagnostic Ultrasound*". Workshop on Intelligent User Interfaces for Developing Regions (IUI4DR) 2011 International Conference on Intelligent User Interfaces." February 2011.
2. Kolko, B.E. (1998). “Mapping Real Success for Virtual Worlds: The Rhetoric of Space and Interactivity.” *SIGGRAPH Conference Abstracts and Applications*. ACM: New York, 1998. pp.194.
3. Kolko, B.E. (1998). “Collaborative Virtual Space: Pedagogy and the Presence of Others in MOOs.” *Proceedings of ED-Media/ED-Telecom 98: World Conference on Educational Multimedia and Hypermedia and World Conference on Educational Telecommunications*, edited by Thomas Ottmann and Ivan Tomek. AACE: Charlottesville, VA, 1998. p.1903.
4. Ericson, D. & Kolko, B. E. (1993). “Teaching Argumentation in Hypertext: Mentoring Arguments with ArguMentor." *Proceedings from the Ninth Conference on Computers and Writing*. Ann Arbor, MI, May 1993. pp. 73-75.

## Books and Editing

1. Kolko, B.E., (Ed.) (2003). *Virtual Publics: Policy and Community in an Electronic Age*. Columbia University Press. New York.
2. Kolko, B.E., Regan, A., & Romano, S. (2001). *Writing in an Electronic World*. Addison Wesley Longman: New York.
3. Kolko, B.E., Regan, A., and Romano, S. (2001). *Writing in an Electronic World, Instructor’s Manual*. Addison Wesley Longman. New York.
4. Kolko, B.E., Nakamura, L., & Rodman, G.B. (Eds.) (2000). *Race in Cyberspace*. Routledge: New York.

### Refereed Book Chapters

Kolko, B.E. (2006). “Cultural Considerations in Internet Policy and Design: A Case Study from Central Asia.” *Critical Cyberculture Studies: Current Terrains, Future Directions*. Ed. David Silver and Adrienne Massanari. New York: NYU Press. 145-157.

Kolko, B.E. (2003). “Introduction: The Reality of Virtuality.” *Virtual Publics: Policy and Community in an Electronic Age*. Ed. Beth Kolko. Columbia University Press: New York. 1-7. Citations: 15

Kolko, B.E. (2000). “Intellectual Property in Synchronous and Collaborative Virtual Space.” *Computers and Composition 15:2*, 163-183 (1998). Reprinted in *Cyberethics: Social and Moral Issues in the Computer Age*. Prometheus Books: New York. 257-281.

Kolko, B.E. (2000). "Cultural Studies In/And the Networked Writing Classroom." *The Online Writing Classroom*. Ed. Michael Day, Susanmarie Harrington, and Rebecca Rickly. Hampton Press: Cresskill, NJ. 29-43.

Haynes, C., Holmevik, J.R., Kolko, B.E., & Vitanza, V. (2000). “MOOs, Cyberspace, Anarchitexture: Towards a New Threshold,” in *The Emerging CyberCulture: Literacy, Paradigm, and Paradox*. Ed. Stephanie Gibson and Ollie Oviedo. Hampton Press: Cresskill, NJ. 229-262.

Kolko, B.E. (2000). “Erasing @race: Going White in the (Inter)Face.” In *Race in Cyberspace*. Beth Kolko, Lisa Nakamura & Gilbert B. Rodman (Eds). Routledge: New York. 213-232. Citations: 58

Kolko, B.E., Nakamura, N., & Rodman, G.B. (2000). “Introduction.” In *Race in Cyberspace*. Ed. Beth Kolko, Lisa Nakamura and Gil Rodman. Routledge: New York. 1-13. Citations: 203

Kolko, B.E. & Reid Steere, E. (1998). “Dissolution and Fragmentation: Problems in Online Communities.” *Cybersociety 2.0*, Steven Jones (Ed.). Sage Press: Thousand Oaks, CA. 212-229. Citations: 32

Kolko, B.E. (1998). "Bodies in Place: Real Politics, Real Pedagogy, and Virtual Space." *High Wired: On the Design, Use, and Theory of Educational MOOs*. Ed. Cynthia Haynes and Jan Rune Holmevik. University of Michigan Press: Ann Arbor. 253-265.

Kolko, B.E. (1998). "We Are Not Just (Electronic) Words: Learning the Literacies of Culture, Body, and Politics.” *Literacy Theory in the Age of the Internet*. Ed. Irene Ward and Todd Taylor. Columbia UP: New York. 61-78. Citations: 15

## Project Reports (reports to sponsors)

1. Final Report. (Fall 2010). "ITR:  The Effect of the Internet on Society:  Incorporating Central Asia into the Global Perspective." NSF. 2003-2011. $1.23 million.
2. “The Big Questions of ICT4D.” (2009). Toyama, K., Peters, T. Best, M., Coward, C., & Kolko, B.E. Whitepaper for potential funding organizations. Funded by Microsoft.
3. “Evaluation of World Food Programme ICT Management and Training.” (March 2007). Kolko, B.E. Report to the United Nations Foundation.
4. “Design and Evaluation of Monitoring and Evaluation Tools for Cybergrants System.” (2006, multiple). Coward, C., Garrido, M., Gordon, A., & Kolko, B.E. Report to Microsoft: Baseline Report, Quarterly Report, and Final Report.
5. “Microsoft Unlimited Potential Monitoring & Evaluation Strategy.” (2006). Coward, C., Garrido, M., Gordon, A., Kolko, B.E., & Wood. M. Report to Microsoft Corporation.
6. “Digital Technology and the Changing Cultures of Play: An Overview and Field Mapping.” (2006). B.E. Kolko. Report to the Ford Foundation.
7. “Microsoft UP Program Hong Kong Trip Report.” (2005). Kolko, B.E. Report to Microsoft Corporation.
8. “Visio 2002 v. Visio 2003 Benchmarking Results.” (2003). Eliot, M., Kolko, B.E., & Ramey, J. Report to Microsoft.
9. “Usability test of Microsoft Windows XP Accessibility Features for People with Disabilities.” (2001). Dellino, D., Eliot, M., Kolko, B.E., Burgstahler, S., & Jirikowic, T. Report to Microsoft.
10. “Usability test of Microsoft Windows XP Accessibility Features for Older Adults.” (2002). Dellino, D., Eliot, M., Kolko, B.E., Burgstahler, S., & Jirikowic, T. Report to Microsoft.
11. “A Vision for Virtual Community Informatics.” (2002). Civille, R., Bieber, M., Gurstein, M., Kolko, B.E., Silver, D., & White, N., Civille and Associates.
12. “Analysis of Web-based WSDOT Traveler Information: Testing Users’ Information Retrieval Strategies.” (September 2002). Haselkorn, M., Kolko, B.E., Rose, E., & Sauer, G. Prepared for the Washington State Transportation Commission Department of Transportation and in cooperation with U.S. Department of Transportation Federal Highway Division.
13. “Washington State Department of Transportation Electronic Information and Supporting Systems: Challenges to Effective Practice and Policy. (January 2005). Haselkorn, M., Kolko, B.E., Krug, M.A., Rose, E., & Sauer, G. Prepared for Transportation Northwest (TransNow), the Washington State Transportation Commission Department of Transportation and the Washington State Transportation Center (TRAC) and in cooperation with U.S. Department of Transportation Federal Highway Division.

# Other Scholarly activity

## Invited Lectures, Seminars, and workshop presentations

***International***

Hackademia: An Introduction” Two day workshop sponsored by the International Centre for Open Source Software, Trivandrum, India. February 22-23, 2013.

Plenary.“User, Hacker, Builder, Thief: Creativity and Consumerism in a Digital Age.” IEEE Chapter, Trivandrum, India. February 23, 2013.

Plenary. “Human Computer Interaction and Human Centered Design.” Chochin University of Science and Technology. Kochi, India. February 25, 2013.

Plenary. “Human Centered Design & Engineering: Building Technologies for a Better World.” With Robert Racadio. Hosted by Luciano Meria of Federal University of Pernambuco, Brazil and Porto Digital. January 29, 2013.

Plenary. “Open Innovation and the Contributions of Non-Experts.” Re:publica 12. Berlin, Germany. May 2-5, 2012.

“Social Media for Development.” All-day workshop at CSCW 2011, Hangzhou, China. Co-organizer and leader with Suzanne Hupner (IBM Research NY) and Kentaro Toyama (UCBerkley). March 2011.

“IPAI Global Project Meeting.” International Development Research Centre. Presentation on cross-country methodology. Doha, Qatar. April 2009.

“Creative Consumption: Innovation, Hacking, and Resource-constrained Environments.” Subversion, Conversion, Development Conference. Cambridge University, Kings College. April 24-26, 2008.

 “IPAI Global Project Meeting.” International Development Research Centre. Presentation on cross-country survey methodology. Valparaiso, Chile. October 2008.

Workshop on “Digital Tools and Activism.” Contribution to panel on “E-Mobilization and Participation.” Sponsored by Berkman Center, Harvard University. Budapest. June 2008.

Workshop on “Digitally Empowered Activists: Getting the Tools to the People Who Need Them.” Sponsored by Berkman Center, Harvard University. Istanbul, Turkey. February 2008.

International Development Research Centre –Pan Asia Network Workshop on ITID Research Methodologies. Bangalore, India. December 2007.

 “ICTs and Development: Measuring Public Access.” International Development Research Centre. Participation in Methodology discussion. Ottawa, Canada. October 2007.

“Playing off the Beaten Path: Games in the Developing World.” Lecture in Game Culture Series. University of Tampere, Finland. December 11, 2006.

Methodology consultant. “Humanitarian Action Systems: Developing an Interdisciplinary Research Agenda.” Lake Naivasha, Kenya. June 8-10, 2006.

Methodology consultant. “Universities and ICT4D Research.” Bangkok, Thailand. April 23-26, 2006.

National University of Singapore, Communications and New Media Programme. Singapore. “Computer Games and Their Players: Myths, Misconceptions, and Reasons to Study How People Play.” April 2005.

Nanyang Technical University. School of Communication and Information. Singapore. “Computer Games and Their Players: Myths, Misconceptions, and Reasons to Study How People Play.” April 2005.

Manila, Philippines. “Higher Education, Information Technology, and Sustainable Development Workshop,” Presentations and facilitation on “Games for Development,” and “Interdisciplinary Work in Universities.” January 2005.

 “ICT and Sustainable Development Workshop,” Co-sponsored by National Science Foundation, World Bank, United Nations. Bangalore, India. January 2004.

UN World Summit on the Information Society, SSRC Workshop on Media Policy. Geneva, Switzerland. December 2003.

 “New Media and International Development: Lessons From the Field,” Oxford University, Oxford, England. Programme in Comparative Media Law & Policy. Oxford University Centre for Socio-Legal Studies. July 2003.

Turkmen State University, Ashgabat, Turkmenistan, “The Internet.” December 2000.

Turkmen State University Business School. Ashgabat, Turkmenistan, “Business Trends and the Internet.” December 2000.

InterContinental Hotel, Tashkent, Uzbekistan. “The Internet and the Campaign Process,” Presentation at “The US Presidential Election,” sponsored by the US Embassy. November 2000.

Tashkent, Uzbekistan. “Distance Education and Computers in Language Teaching,” Uzbekistan Teachers of English Association, Tashkent, Uzbekistan. November 2000.

Tashkent, Uzbekistan. “Teaching Writing: Pedagogy and Theory,” Uzbekistan Teachers of English Association, Tashkent, Uzbekistan. October 2000.

Samarkand, Uzbekistan, “Cultural Diversity and Democracy,” Keynote Presentation at “Language, Ethnicity, Cultural Diversity and Democracy Conference,” Sponsored by the US Embassy in Uzbekistan and the Institute for Strategic and Regional Studies under the President of the Republic of Uzbekistan. September 2000

***National***

Keynote at the The IEEE 2012 International Conference on Collaboration Technologies and Systems (CTS 2012), Hackademia: Hackers, Makers, DIY, and Non-Expert Innovation. Denver, Colorado. May 24, 2012.

“Hackademia: Cultivating Innovation with Non Experts.” 10Conference. Invited Plenary Speaker. Sleeping Lady Resort. September 26-28 2012.

“Non-expert Innovation.” Open Science Summit. Palo Alto, CA Keynote at the The 2012 International Conference on Collaboration Technologies and Systems (CTS 2012), Hackademia: Hackers, Makers, DIY, and Non-Expert Innovation. Denver, Colorado. May 24, 2012.

Invited talk. “Hackademia: Leveraging the Conflict Between Exp**ertise and Innovation to Create** Disruptive Technologies.” Berkman Center for Internet and Society. Harvard University. January 24, 2012.

Invited lecture. Depaul University College of Computing. “Hackademia: Leveraging the Potential of Non-Expert Innovation.” Chicago, IL. October 2011.

“Design and Policy Challenges to Mapping in the Developing World.” Where 2.0. San Jose, CA. March 30- April 1, 2010.

 “Design and Policy Challenges to Mapping in the Developing World.” Microsoft Social Computing Symposium. NYU. January 2010.

“Grand Challenges of ICT4D Research.” Computing at the Margins workshop. Georgia Tech. February 2010.

 “ICTs and Resource Constrained Environments.” Social Computing Group. IBM T.J. Watson Research Center. Yorktown Heights, NY. June 2009.

“Form, Function and Fiction: ICTs and Their Uses in Resource Constrained Environments.” Harvard University. Cambridge, MA. June 2009.

 “On Discovering a Time Machine: On Discovering a Time Machine Solving for X: New Tools, Players, and Solutions.” The Push Institute Futures Conference. June 2008. Minneapolis, Walker Art Center.

 “User, Hacker, Builder, Thief: Creativity and Consumerism in a Digital Age.” Harvard University, Cambridge, MA. January 2008.

“Open World” session. With Best, M. Berkman Ten Year Anniversary Conference. Harvard University. Cambridge, MA. May 2008

“The Other Five Billion Users, Gamers, Searchers, Social Networkers, SMSers, Browsers.” Microsoft Research. Redmond, WA. June 2007.

 “The Social Meaning of Information and Communication Technologies.” Invited lecture for Hutton Lecture Series. Purdue University. November 2, 2006.

“ICT for Development in Central Asia.” Invited paper at workshop on Gender, Empowerment and ICTs during bi-annual Sam Nunn Policy Forum. Georgia Tech University. March 28, 2006.

“Cultural Considerations in Internet Policy and Design: A Case Study from Central Asia.” Presentation at Ford Foundation Conference on Critical Cyberculture Studies: Current Terrain, Future Directions. University of Washington. May 2003.

IBM Silicon Valley Lab, Santa Teresa, CA. “Communication and Collaboration in Online Environments.” April 6, 2001.

Washington D.C. “Culture of Cyberspace.” Invited panelist to American Society for International Law Annual Conference. March 1999.

Jackson Hole, WY, Keynote Presentation, Ethics and the Cybersociety Symposium, “Virtual Communities as Ethical Space, or, Why Cyberspace Does Not Signal the End of Civilization as We Know It." October 1996.

University of Hawaii at Manoa, Honolulu, HI, Women's Studies Seminar, "Subversive Harlequins?" March 1996.

***Local***

“Mobile Social Software.” Humanitarian Service Science and Engineering workshop. University of Washington. October 2007.

“ICT adoption in Central Asia.” DUB. University of Washington. March 2006.

“Computer Games and Gamers: Myths, Misconceptions, and Reasons to Study How People Play.” Presentation to the UW Digital Media Working Group. April 2005.

“Researching ICT in Central Asia.” Presentation to Kalonji’s MSE undergraduate class. November 2004.

“Cultural Considerations for Interface Design.” Presentation to School of Architecture Design Machine Group. May 2003.

Invited Participant/Facilitator in Andrew W. Mellon funded workshop/retreat on “From Vision to Transformation: New Models of Academic Support for Digital Scholarship” by the UW Libraries. Leavenworth, WA. March 2003.

 “Cross-cultural ICT Research.” Presentation to I-School ASIS SIG on International Issues. February 2002.

 “Online Discussion Software as Part of a Computer-Based Pedagogy,” UW School of Education Colloquium on Educational Technology. April 2001.

## phd Students

Colin Birge. Degree awarded June 2013.

Cynthia Putnam. Degree awarded June 2011.

Emma Rose, Degree awarded June 2011

Carolyn Wei. Degree awarded March 2007.

## Selected recent grants

|  |  |  |  |
| --- | --- | --- | --- |
| Funding Agency |  Project Title | Amount | Dates |
| NSF | SHB: Large: Collaborative Research: From the Ground Up -- Mobile Tools for Grassroots Programs in Public Health | $2,000,926 | 9/1/11-8/21/14 |
| Bill & Melinda Gates Foundation | Building a Mobile Midwives’ Ultrasound | $100,000 | 10/2010-04/2011 |
| IDRC | “Non instrumental use of ICTs as a component of general ICT skill acquisition” | Approx.$175K | 9/15/09-6/15/11 |
| IDRC | “ICT and Public Access: Investigating the Social and Economic Impact of Public Access to Information and Communication Technologies” | $4.8 million | 10/1/07-9/30/12  |
| NSF | “The Effect of the Internet on Society: Incorporating Central Asia into the Global Perspective” | $1.23 million | 9/01/03-8/31/08extended to 8/31/2010 |
| Microsoft | ICT for Development Whitepaper (Microsoft and Gates Foundation) | $75K | 7/15/08-7/15/09 |
| Microsoft  | Unlimited Potential Evaluation Project | $605,000 | 6/19/07-6/30/08 |
| United Nations Foundation | Monitoring & Evaluation Strategy for VGF/UNF Program: World Food Program and World Health Organization | $19,213 | 1/1/07-3/31/07 |
| Microsoft | “Unlimited Potential Evaluation Project: Computer Technology Learning Centers Worldwide: Developing an Evaluation Methodology for Assessing the Impact of IT on Diverse Communities” | $150,000 | 4/1/06-3/31/07 |
| Microsoft | Unlimited Potential Evaluation Project | $150,000 | 6/1/05-1/31/06 |
| NSF | “Cross-Cultural Patterns of Information Technology Adoption and Adaptation: Lessons from Central Asia” | $100,000 | 8/31/02-8/31/03 |