

# Susan Wyche, Ph.D.

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## EDUCATION

- 2010      Ph.D. in Human-Centered Computing  
            School of Interactive Computing  
            Georgia Institute of Technology
- 2004      M.S. Applied Research in Human-Environment Relations  
            Department of Design and Environmental Analysis  
            Cornell University
- 1998      B.F.A. Industrial Design, minor in History  
            School of Design  
            Carnegie Mellon University

## ACADEMIC EMPLOYMENT

- 2012-present      Assistant Professor  
                        Department of Media and Information  
                        Michigan State University
- 2014-present      Consulting Faculty African Studies Center  
                        Michigan State University
- 2012-2015      Global Center for Food Systems Innovation (GCFSI) a development lab funded by USAID  
                        in their Higher Education Solutions Network  
                        Michigan State University
- 2010-2012      NSF/CRA Computing Innovation Fellow (postdoctoral scholar)  
                        Department of Computer Science  
                        Virginia Tech

## RESEARCH FUNDING

- 2016-2021      NSF CAREER Award, “Information and Communication Technology Use in Communities  
                        with Limited Technical Infrastructures,” Susan Wyche, PI, \$582,613
- 2014-2016      USAID/DIV, “Simu Shape Up”: Edutainment to Shape Up Cellphone use Among African  
                        Rural Farmers,” Susan P. Wyche, PI and Charles Steinfield, co-PI, \$99,787
- 2013      Google Faculty Research Award, Susan P. Wyche, PI, \$40,000  
            Nokia’s University Cooperation Funding, Susan P. Wyche, PI, \$9,309  
            Facebook Inc., unrestricted gift, Susan P. Wyche, \$40,000
- 2011      Skype Inc., unrestricted gift, Susan P. Wyche, \$15,000

- 2010 Virginia Tech's Office of International Research, Education, and Development, Susan P. Wyche, PI, \$2,500  
National Science Foundation (NSF) via CRA (Computing Research Association), Steve Harrison, PI (Postdoctoral Sponsor), \$270,500
- 2002 S.C. Johnson & Son, Inc., unrestricted gift, Susan P. Wyche, \$50,000

## FELLOWSHIPS AND AWARDS

- 2015 NSF CAREER Award  
2015 Best Paper Honorable Mention, ACM SIGCHI Conf. on Ubiquitous Computing  
2013 Best Paper Honorable Mention, ACM SIGCHI Conf. on Human Factors in Computing Systems  
2010 NSF via CRA "Computing Innovation Fellow"  
2008 Georgia Product Development Management Association's Student Design Competition, First Prize for "Sun Dial"  
2007 Google Anita Borg Scholarship Finalist  
2006 Best Paper Honorable Mention, ACM SIGCHI Conf. on Computer Supported Cooperative Work  
1997 School of Design Merit Award Winner, Carnegie Mellon University

## PUBLICATIONS

### Peer Reviewed Journal Articles

- 2016 **Wyche, S.** and Baumer, E.P.S. "Imagined Facebook: An Exploratory Study of Non-Users' Perceptions of Social Media in Rural Zambia," *New Media & Society*, DOI:10.1177/1461444815625948
- Wyche, S.** Simiyu, N. and Othieno, M.E. "Mobile Phones as Amplifiers of Social Inequality among Rural Kenyan Women," *ACM Transactions on Computer-Human Interaction (TOCHI)*, 23(3), Article no. 14.
- Wyche, S.** "Exploring Women's Everyday Mobile Phone Experiences in Nairobi, Kenya" *Interacting with Computers*, DOI: 10.1093/iwc/iww028.
- 2015 **Wyche, S.** and Steinfield, C. "Why Don't Farmers Use Cell Phones to Access Market Prices? Technology Affordances and Barriers to Market Information Services Adoption in Rural Kenya." *Information Technology for Development*, 20(2), Pgs. 320-333.
- 2012 Grinter, R.E., **Wyche, S.P.**, Hayes, G.R. and Harvel, L.D. "Technology in Protestant Ministry." *Journal of Computer Supported Cooperative Work (JCSCW)*. Vol. 20 (6). Pgs. 449-472.
- 2004 Sengers, P., Kaye, J., Boehner, K., Fairbanks, J., Gay, G., Medynskiy, E. and **Wyche, S.** "Culturally Embedded Computing." *IEEE Pervasive Computing, Special Issue on Art, Design, and Entertainment*. Vol. 3 (1), Pgs. 14-22.

### Peer Reviewed Conference Publications

- 2016 **Wyche, S.**, Steinfield, C., Cai, T., Simiyu, N., Othieno, M.E. (2016). "Reflecting on Video: Exploring the Efficacy of Video for Teaching Device Literacy in Rural Kenya," *Proc. of the International Conference on Information and Communication Technologies and Development (ICTD '16)*, Ann Arbor, MI. Article No. 8 (Acceptance Rate: 27%).
- 2015 **Wyche, S.**, Dillahunt, T.R., Simiyu, N. and Alaka, S., "If God Gives Me the Chance I will Design My Own Phone: Exploring Mobile Phone Repair and Postcolonial Approaches to Design in Rural

- Kenya,” *Proc. of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp’15)*, Osaka, Japan, Pgs. 463-473. (Acceptance Rate: 25%). **(Awarded Best Paper Honorable Mention, Nomination Rate: 5%)**
- Wyche, S.** “Exploring Mobile Phone and Social Media Use in a Nairobi Slum: A Case for Alternative Approaches to Design in ICTD,” *Proc. International Conference on Information and Communication Technologies and Development (ICTD ‘15)*, Singapore, Article No. 12. (Acceptance Rate: 21%).
- Wyche, S.P.**, Densmore, M. and Geyer, B.S., “Real Mobiles: Kenyan and Zambian Smallholder Farmers’ Contemporary Attitudes Towards Mobile Phones,” *Proc. International Conference on Information and Communication Technologies and Development (ICTD ‘15)*, Singapore, Article No. 9. (Acceptance Rate: 21%).
- Steinfeld, C. **Wyche, S.P.**, Cai, T. and Chiwasa, H.R. “The Mobile Divide Revisited: Mobile Phone Use by Smallholder Farmers in Malawi,” *Proc. International Conference on Information and Communication Technologies and Development (ICTD ‘15)*, Singapore, Article No. 8 (Acceptance Rate: 21%).
- 2013 **Wyche, S.P.**, Forte, A. and Schoenebeck, S.Y. “Hustling Online: Understanding Consolidated Facebook Use in an Informal Settlement in Nairobi,” *Proc. ACM SIGCHI Conf. on Human Factors in Computing Systems (CHI ‘13)*, Paris, France, Pgs. 2823-2832. (Acceptance Rate: 20%). **(Awarded Best Paper Honorable Mention, Nomination Rate: 5%)**
- Wyche, S.P.**, and Chetty, M. “‘I want to imagine how that place looks:’ Designing to Support Connectivity Between African Migrants and Home,” *Proc. ACM SIGCHI Conf. on Human Factors in Computing Systems (CHI ‘13)*, Paris, France, Pgs. 2755-2764. (Acceptance Rate: 20%)
- Wyche, S.P.** and Murphy, L.L. “Powering the Cellphone Revolution: Findings from Mobile Phone Charging Trials in Off-Grid Kenya,” *Proc. ACM SIGCHI Conf. on Human Factors in Computing Systems (CHI ‘13)*, Paris, France, Pgs. 1959-1968. (Acceptance Rate: 20%)
- Wyche, S.P.**, Schoenebeck, S.Y. and Forte, A. “‘Facebook is a Luxury’: An Exploratory Study of Social Media Use in Rural Kenya,” *Proc. ACM SIGCHI Conf. on Computer Supported Cooperative Work (CSCW ‘13)*, San Antonio, TX, Pgs. 33-44. (Acceptance Rate: 37%)
- 2012 **Wyche, S.P.** and Murphy, L.L. “‘Dead China-Make’ Phones Off the Grid: Investigating Mobile Phone Use in Rural Africa.” *Proc. ACM SIGCHI Conf. on Designing Interactive Systems (DIS ‘12)*, Newcastle, UK, Pgs. 186-195. (Acceptance Rate: 19%)
- Wyche, S.P.** and Grinter, R.E. “Using Sketching to Support Design Research in New Ways: A Case Study Investigating Design and Charismatic Pentecostalism in São Paulo, Brazil.” *Proc. iConference 2012*, Toronto, Canada, Pgs. 63-71. (Acceptance Rate: 32%)
- Wyche, S.P.** and Grinter, R.E. “This is How We Do it in My Country: A Study of Computer-Mediated Family Communication among Kenyan Migrants in the United States.” *Proc. ACM SIGCHI Conf. on Computer Supported Cooperative Work (CSCW ‘12)*, Seattle, WA, Pgs. 87-96. (Acceptance Rate: 40%)
- 2010 **Wyche, S.P.**, Smyth, T.N., Chetty, M., Aoki, P.M. and Grinter, R.E. “Deliberate Interactions: Characterizing Technology Use in Nairobi, Kenya.” *Proc. ACM SIGCHI Conf. on Human Factors in*

- Computing Systems* (CHI '10), Atlanta, GA, Pgs. 2593-2602. (Acceptance Rate: 22%)
- 2009 **Wyche, S.P.**, Magnus, C.M. and Grinter, R.E. "Broadening UbiComp's Vision: An Exploratory Study of Charismatic Pentecostals and Technology Use in Brazil." *Proc. of the 11th International Conference on Ubiquitous Computing* (UbiComp '09), Orlando, FL, Pgs. 145-154. (Acceptance Rate: 12.5%)
- Wyche, S.P.** and Grinter, R.E. "Extraordinary Computing: Using Religion as a Lens for Reconsidering the Home." *Proc. ACM SIGCHI Conf. on Human Factors in Computing Systems* (CHI '09), Boston, MA, Pgs. 749-758. (Acceptance Rate: 25%)
- Wyche, S.P.**, Caine, K.E., Davison, B.K., Patel, S.N., Arteaga, M. and Grinter, R.E. "Sacred Imagery in Techno-Spiritual Design." *Proc. ACM SIGCHI Conf. on Human Factors in Computing Systems* (CHI '09), Boston, MA, (CHI Note), Pgs. 55-58. (Acceptance Rate: 25%)
- Le Dantec, C.A., Poole, E.S. and **Wyche, S.P.** "Values as Lived Experience: Evolving Value Sensitive Design in Support of Value Discovery." *Proc. ACM SIGCHI Conf. on Human Factors in Computing Systems* (CHI '09), Boston, MA, Pgs. 1141-1150. (Acceptance Rate: 25%)
- 2008 Taylor, A., **Wyche, S.P.**, and Kaye, J."J." "Pottering by Design." *Proc. of the 5th ACM SIGCHI Nordic Conference Human-Computer Interaction: Building Bridges* (NordicCHI '08), Lund, Sweden, Pgs. 363-372. (Acceptance Rate: 33%)
- Wyche, S.P.**, Aoki, P.M., and Grinter, R.E. "Re-Placing Faith: Reconsidering the Secular-Religious Use Divide in the United States and Kenya." *Proc. ACM SIGCHI Conf. on Human Factors in Computing Systems* (CHI '08), Florence, Italy, Pgs. 11-20. (Acceptance Rate: 24%)
- 2006 **Wyche, S.**, Hayes, G., Harvel, L. and Grinter, R.E. "Technology in Spiritual Formation: An Exploratory Study of Computer Mediated Religious Communications." *Proc. ACM SIGCHI Conf. on Computer Supported Cooperative Work* (CSCW '06), Banff, Canada, Pgs. 199-208. (Acceptance Rate: 22%). (**Awarded Best Paper Honorable Mention, Nomination Rate: 5%**)
- Wyche, S.**, Sengers, P. and Grinter, R.E. "Historical Analysis: Using the Past to Design the Future." *Proc. of the 8th International Conference on Ubiquitous Computing* (UbiComp '06), Orange County, CA, Pgs. 35-51. (Acceptance Rate: 19%)

#### Peer Reviewed Posters

- 2015 Cai, T., Chiwasa, H., Steinfield, C. and **Wyche, S.** "Participatory Videos for Nutrition Training in Malawi: an Analysis of Knowledge Gain and Adoption. Note, *Proc. International Conference on Information and Communication Technologies and Development* (ICTD '15), Singapore, Article No. 29.
- 2009 **Wyche, S.P.**, Magnus, C.M. and Grinter, R.E. "Designer's Sketchbook: Developing Technologies to Support Brazilian Pentecostals' Religious Practices." *Artifact, Proc. of the Ethnographic Praxis in Industry Conference* (EPIC '09), Chicago, IL, Pg. 328
- Wyche, S.P.** "Investigating Techno-Spiritual Practices Among Culturally Different Religious Groups." Doctorial Consortium. *Extended Abstracts, 11th International Conference on Ubiquitous Computing* (UbiComp '09), Orlando, FL

- 2008 **Wyche, S.P.** “Investigating Design for Global Techno-Spiritual Practices.” Doctorial Consortium. *Extended Abstracts, ACM SIGCHI Conf. on Computer Supported Cooperative Work (CSCW ‘08)*, San Diego, CA
- Wyche, S.P.**, Caine, K.E., Davison, B., Arteaga, M. and Grinter, R.E. “Sun Dial: Exploring Techno-Spiritual Design through a Mobile Islamic Call to Prayer Application.” Work-in-progress, *Extended Abstracts, ACM SIGCHI Conf. on Human Factors in Computing Systems (CHI ‘08)*, Florence, Italy, Pgs. 3411-3416
- 2007 **Wyche, S.P.**, Medynskiy, E. and Grinter, R.E. “Exploring Large Displays in American Megachurches.” Work-in-progress, *Extended Abstracts, ACM SIGCHI Conf. on Human Factors in Computing Systems (CHI ‘07)*, San Jose, CA, Pgs. 2771-2776
- Wyche, S.P.**, Taylor, A., and Kaye, J. “Pottering: A design-oriented investigation.” Experience Report, *Extended Abstracts, ACM SIGCHI Conf. on Human Factors in Computing Systems (CHI ‘07)*, San Jose, CA, Pgs. 1893-1898
- 2005 **Wyche, S.** “Designing speculative cleaning products for older adults.” Poster, *ACM Conference on Designing for User eXperience (DUX ‘05)*, San Francisco, CA, Article No. 49

#### Peer Reviewed Position Papers

- 2017 **Wyche, S.** “Lessons from the field: Using Design Methods in Rural Kenya.” *The 20th ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2017): Workshop on Reflection of Design Methods for Underserved Communities*. Portland, OR.
- 2009 **Wyche, S.P.** “Design Charrettes as a Resource: A Case Study with Students at the University of Nairobi.” *11th International Conference on Ubiquitous Computing (UbiComp ‘09): Workshop on Globicomp: Taking UbiComp Beyond the Developed World*. Orlando, FL
- 2006 **Wyche, S.**, Harvel, L. and Grinter, R.E. “Entertaining Spirituality.” *ACM SIGCHI Conf. on Human Factors in Computing Systems (CHI ‘06): Workshop on Entertaining Media at Home Looking at the Social Aspects*. Montreal, Quebec, Canada
- 2005 Dow, S. and **Wyche, S.** “Designing for Place in Urban Cemeteries.” *ACM SIGCHI Conf. on Human Factors in Computing Systems (CHI ‘05): Workshop on Engaging the City: Public Interfaces as Civic Intermediary*. Portland, OR
- 2003 **Wyche, S.** “The Elderly and Domestic Cleaning Technology: Looking Towards the Past to Shape the Future.” *ACM SIGCHI Conf. on Human Factors in Computing Systems (CHI ‘03): Workshop on Designing Culturally Situated Technologies for the Home*. Ft. Lauderdale, FL

#### Workshop Organization

- 2016 Kumar, N., Dray, S., Dearden, A., Dell, N., Densmore, M., Grinter, R. Liu, Z., Moreno-Rocha, M., Peters, A., Sari, E., Thies, W. Medhi-Thies, I., Tucker, W., Bahamondez, E., and **Wyche, S.** “Development Consortium: HCI4D Across Borders,” *Extended Abstracts, ACM SIGCHI Conf. on Human Factors in Computing Systems (CHI ‘16)*, San Jose, CA, Pgs. 3620-3627.
- 2015 Srinivasan, J., Oreglia, E. and **Wyche, S.** “Thinking about market information systems: Bridging

theory and practice.” *Open Session, International Conference on Information and Communication Technologies and Development (ICTD ‘15)*, Singapore

- 2013 Steinfield, C. and **Wyche, S.P.** “ICT4Ag: Opportunities and Challenges for Using Technology to Reach Rural Farmers in the Developing World.” *Open Session, International Conference on Information and Communication Technologies and Development (ICTD ‘13)*, Cape Town, South Africa
- 2012 **Wyche, S.P.**, Oreglia, E., Ames, M.G., Hoadley, C., Johri, A., Sengers, P. and Steinfield, C. “Learning from Marginalized Users: Reciprocity in HCI4D.” *Extended Abstracts, ACM SIGCHI Conf. on Computer Supported Cooperative Work (CSCW ‘12)*, Seattle, WA, Pgs. 27-28
- 2006 Brewer, J., Kaye, J., Williams, A. and **Wyche, S.** “Sexual interactions: why we should talk about sex in HCI.” *Extended Abstracts, ACM SIGCHI Conf. on Human Factors in Computing Systems (CHI ‘06)*, Montreal, Quebec, Canada, Pgs. 1695-1698

### Invited Panels

- 2016 Donner, J., Larsson, C. W., Ling, R., Toyama, K., **Wyche, S.** “After Access: Inclusion, Development and a More Mobile Internet.” *Panel at the International Conference on Information and Communication Technologies and Development (ICTD ‘16)*, Ann Arbor, MI.
- Ntarangwi, M., Weatherspoon, L. **Wyche, S.**, Me-Scope, N., and Wambua, P. “Africa's Youth, Meeting Global Challenges of the Future.” *Panel at Michigan State University's “Eye on Africa” Series*, East Lansing, MI., February 4, 2016.
- 2014 **Wyche, S.P.**, Lampe, C., Rangaswamy, N., Peters, A., Monroy-Hernández, and Antin, J. “Facebook in the Developing World: The Myths and Realities Underlying a Socially Networked World.” *Extended Abstracts, ACM SIGCHI Conf. on Computer Supported Cooperative Work (CSCW ‘14)*, Baltimore, MD, Pgs. 121-124.
- 2012 schraefel, m.c., Kellogg, W., Ackerman, M., Marsden, G., Bødker, S., **Wyche, S.P.**, Reddy, M. and Rouncefield, M. “Domain crossing: how much expertise is enough?” *Extended Abstracts, ACM SIGCHI Conf. on Computer Supported Cooperative Work (CSCW ‘12)*, Seattle, WA, Pgs. 29-32

### Theses

- 2012 **Wyche, S.P.** *Investigating Religion and Computing: A Case for Using Standpoint Theory in Technology Evaluation Studies*, Dissertation, Georgia Institute of Technology, Atlanta, GA
- 2004 **Wyche, S.** *Designing Speculative Cleaning Products: Using Elders' Past and Present Cleaning Experiences to Inform Design*, Master's thesis, Cornell University, Ithaca, NY

### White Paper

- 2013 Steinfield, C. and **Wyche, S.P.** *Information and Communication Technology for Development*, White Paper Series, Global Center for Food Systems Innovation, Michigan State University, East Lansing, MI

### Magazine Articles

- 2011 **Wyche, S.P.** “Designing for Everyday Interactions in HCI4D.” *ACM Interactions Magazine*. March/April 2011
- 2008 **Wyche, S.** “Designing in the Wild.” *Ambidextrous: The Stanford University Journal of Design*

2006 Wyche, S. "Inspiring Ways to Design and Clean." *Ambidextrous: The Stanford University Journal of Design*

### SOFTWARE ARTIFACT

2009 iPhone Application, Sun Dial, Islam Tech, LLC., Released December 22

### INVITED KEYNOTE PRESENTATIONS

2011 "Investigating How Religious Uses of Computing Challenges Visions of Technology's Futures," Conference on Using Technology in Worship and Teaching. Union Presbyterian Seminary, Richmond, VA, October 18

2010 "Investigating How Religious Uses of Computing Challenges Visions of Technology's Futures," Workshop on Exploring Social Networking Media for Your Congregation. Columbia Theological Seminary, Decatur, GA, July 7

### INVITED TALKS

2016 "Exploring Mobile Phones and Postcolonial Approaches to Design in Rural Kenya," GVU Center, Georgia Tech, October 6, 2016.

"Exploring Mobile Phones and Postcolonial Approaches to Design in Rural Kenya," School of Computing and Information Technology, Jomo Kenyatta University of Agriculture and Technology, June 9, 2016.

"Exploring Mobile Phones and Postcolonial Approaches to Design in Rural Kenya," ATLAS Institute, University of Colorado, Boulder, February 24, 2016.

2015 "If God Gives Me the Chance I will Design My Own Phone': Rural Kenyan Repairers and Reimagining Mobile Phone Design, Wesleyan University, Africanizing Technology Workshop, March 6, 2015.

2014 "Understanding Barriers to Mobile Phone Use in Rural Africa," Cornell University Cornell University, International Institute for Food, Agriculture and Development (CIIFAD) seminar on October 1, 2014.

"Facebook is a Luxury': No Electricity, High Costs and other Barriers to Social Media Adoption in Rural Kenya," Symposium on Internet Adoption in the Developing World: Expert Forum; Facebook Inc., Menlo Park, CA, September 8, 2014.

"Human-Centered Technology Design," State of the Science Conference presented by the Development Impact Lab, "Revealing Demand for Pro-Poor Innovations," Georgetown University, Washington, DC, March 7, 2014.

2013 "Facebook is a Luxury': No Electricity, High Costs and other Barriers to Social Media Adoption in Rural Kenya," University of Michigan, School of Information, Ann Arbor, MI, October 8

"Facebook is a Luxury': Discussing High Costs and other Barriers to Social Media Adoption in Rural Kenya," University of North Carolina, School of Information and Library Science, Chapel Hill, NC, September 27

- “Social Media Use in Rural and Urban Kenya,” Michigan State University’s Eye on Africa Speaker’s Series, East Lansing, MI, February 14
- 2012 “Designing for Emerging Markets,” Skype Ltd., London, U.K., April, 23
- “Computing at the Margins: Exploring & Designing for Underserved Users,” Michigan State University Science and Technology Communications Short Course, East Lansing, MI, August 16; Department of Science and Technology in Society, Virginia Tech, Blacksburg, VA, February 17; Department of Telecommunication, Information Studies, and Media, Michigan State University, East Lansing, MI, January 31; Center for Human-Computer Interaction (CHCI) Seminar, Virginia Tech, Blacksburg, VA, January 27; Brown Bag Session, Syracuse University, School of Information Studies, Syracuse, NY, January 17
- 2011 “Design 101,” Research @ \*iHub Workshop, \*iHub, Nairobi, Kenya, June 22
- “Transnational Design: Exploring the Local and the Global in HCI,” Institute of Computer Science and Information Technology, Jomo Kenyatta University of Agriculture and Technology, Nairobi, Kenya, June 14; Berkeley Institute of Design (BiD) Seminar, University of California, Berkeley, CA, March 9; Seminar on People, Computer and Design, Stanford University, Palo Alto, CA, March 4
- 2010 “Design for the Developing World,” Interaction Design Association (IXDA) Conference (Interaction ‘11), Boulder, CO, February 10
- “Extraordinary Computing: Investigating Religion, ICT Use and Design,” Human Factors and Ergonomics Society, Virginia Tech, Blacksburg, VA, October 1; Human-Computer Interaction Institute, Carnegie Mellon University, Pittsburgh, PA, March 15; Microsoft Research New England, Cambridge, MA, February 18; The School of Information, University of Michigan, Ann Arbor, MI, January 27; The School of Interactive Arts + Technology, Simon Fraser University, Surrey, BC, Canada, January 18
- 2008 “Fieldwork and Sketching: Translating Research Themes into Conceptual Designs,” Interaction Design Association (IXDA) Conference (Interaction ‘08), Savannah, GA, February 9
- “Re-Placing Faith: Reconsidering the Secular-Religious Use Divide in the United States and Kenya,” Presented to Intel Corporation’s User Experience Group, Intel, Hillsboro, OR, June 28
- 2004 “Aging and Housework: New Approaches to Designing Human-Centered Cleaning Products,” Presented at Intel Corporation’s “Design Brown Bag” Series, Intel, Hillsboro, OR, July 20

## TEACHING EXPERIENCE

### Michigan State University, Department of Media and Information

- 2017 Instructor, “Creating Human Centered Technology,” Spring
- 2017 Instructor, “Creating Human Centered Technology,” Fall
- 2016 Instructor, “Qualitative Research Methods,” Spring
- 2016 Instructor, “Human Computer Interaction and Experience Design,” Spring
- 2015 Instructor, “Human Computer Interaction and Experience Design,” Fall
- 2015 Instructor, “Human Computer Interaction and Experience Design,” Spring
- 2014 Instructor, “Human Computer Interaction and Experience Design,” Spring
- 2013 Instructor, “Human Computer Interaction and Experience Design,” Spring
- 2012 Instructor, “Information and Communication Technology For Development,” Fall



- Virginia Tech, College of Engineering (Course Cross-Listed in Computer Science, Engineering Education, and Industrial Design Departments)**  
 2011 Co-Instructor and course developer, “Engineering Design for Social Development,” Fall
- Virginia Tech, College of Architecture and Urban Studies**  
 2011 Co-Instructor and course developer, “Introduction to Human Computer Interaction,” Spring
- Georgia Tech, School of Interactive Computing**  
 2005 Graduate Teaching Assistant, “Introduction to Human-Centered Computing,” Fall
- Cornell University, Department of Human Development**  
 2003 Graduate Teaching Assistant, “Human Bonding,” Fall  
 2001 Graduate Teaching Assistant, “Human Bonding,” Fall
- Cornell University, Department of Design and Environmental Analysis**  
 2002 Graduate Teaching Assistant, “Design Studio I,” Spring

## STUDENTS ADVISED

### Michigan State University

- Brian Geyer, *Anthropology*, (Fall 2016-present), PhD  
 Chimobi Ucha, *Media and Information*, (Fall 2016-present), MIS PhD  
 Hope Chidziwisano, *Media and Information*, (Spring 2016-present), MA Student  
 Hanlu “Annie” Ying, *Media and Information*, (Spring 2017-present), MA Student  
 Duoni Yao, *Media and Information*, (Fall 2015-present), MA Student  
 Christopher Root, *Agricultural Food and Resource Economics*, (Fall 2015-Spring 2017), MS Student, graduated  
 Y-Chuan Wang, *Media and Information*, (Fall 2015-Fall 2016), MA Student  
 Whisnu Triwibowo, *Media and Information*, (Fall 2014-Spring 2015), MIS PhD  
 Brittany Holmes, *Media and Information*, (Fall 2014-Spring 2015), MA Student  
 Shengjie “Holly” Zhou, *Media and Information*, (Spring 2014-Spring 2015), M.A. Student, graduated  
 Tian Cai, *Media and Information* (Fall 2013-present), MIS PhD  
 Leena Masquood, *Media and Information* (Spring 2014-Fall 2014), MA Student, graduated

### Michigan State University, Paid Research Assistance

- Holly Osmer, (Fall 2016-present), Paid research assistant  
 Ian O’Bara, (summer 2016), Paid research assistant  
 Ashleigh Lovette, (Spring 2014), Paid research assistant  
 Brian Geyer, (Spring 2014), Paid research assistant  
 Daniel Ninsiima, (Fall 2013-Fall 2014), M.A. Student, graduated  
 Chandan “Dan” Sarkar, Graduate (Fall 2012-Spring 2013), Ph.D. Dissertation Committee, graduated  
 Jonathon Choti, Graduate (Spring 2013-Summer 2013), Paid research assistant  
 Dominic Nangea, Undergraduate (Spring 2013), Paid research assistant

### Georgia Tech

- Peter Kinnaird, Graduate (Fall 2008), Independent Study  
 Ronald Stevens, Graduate (Spring 2008), Independent Study  
 Yevgeniy “Eugene” Medynskiy, Graduate (Fall 2006-Spring 2007), Independent Study

### University of Barcelona

- Camila Munari Magnus, (Summer 2008), Paid research assistant

## **Cornell University**

Josh Taylor, (Spring 2002), Paid research assistant

## **EXTERNAL EXAMINER FOR DISSERTATION**

R. Ssembatya, Department of Computer Science, University of Cape Town

Frederick W. Meissner, Department of Computer Science, University of Cape Town

## **SERVICE TO PROFESSION**

**Papers Co-Chair**, with Lakshmi Subramanian (NYU) ACM International Conference on Information and Communication Technologies and Development (ICTD'16), Ann Arbor, MI (2016)

“CSCWhat’s Next” Co-Chair, with Mark Handel (Boeing), ACM Conf. on Computer Supported Cooperative Work (CSCW '14), Baltimore, MD (2014)

“Faculty Mentor,” Doctoral Colloquium, ACM Conf. on Computer Supported Cooperative Work (CSCW '13), San Antonio, TX (2013)

**Papers Associate Chair**, ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW) (2014)

**Papers Associate Chair**, ACM Conference on Designing Interactive Systems (DIS)(2012)

**Papers Associate Chair**, ACM Conference on Human Factors and Computing Systems (CHI)(2011, 2012, 2017)

**Papers Associate Chair**, IEEE/ACM International Conference on Information and Communication Technologies and Development (ICTD)(2011, 2014)

**Organizing Committees**, AfriChi, 2016, Nairobi Kenya; iConference 2016, Drexel University, Philadelphia, PA (2016)

**Big Ideas@Berkeley**, Proposal Judge (2014)

**Works-in-Progress Program Committee**, ACM Conference on Human Factors and Computing Systems (CHI)(2013)

**Works-in-Progress Program Committee**, ACM Conference on Human Factors and Computing Systems (CHI)(2013,2017)

## **Peer Review**

2014 CHI 2014 Student Research Competition

Ongoing **Conferences**, ACM Conference on Human Factors and Computing Systems (CHI); ACM Conference on Computer-Supported Cooperative Work (CSCW); International Conference on Ubiquitous Computing (UbiComp); IEEE/ACM International Conference on Information and Communication Technologies and Development (ICTD); International Conference on Tangible, Embedded and Embodied Interaction (TEI); ACM Conference on Designing Interactive Systems (DIS); Participatory Design Conference (PDC)

Ongoing **Journals**, Interacting with Computers, ACM Transactions on Computer-Human Interaction (TOCHI), New Media & Society, Mobile Media & Communication, Human Computer Interaction

2011 National Science Foundation (NSF)

## **SERVICE TO MICHIGAN STATE UNIVERSITY**

Human Centered Technology Faculty Search Committee, 2016-present

Internet Economics Faculty Search Committee, 2015-2016

Annual Performance Review Committee, 2013-2014

Social Computing Faculty Search Committee, 2012-2013

ICTD/Agricultural Economics Faculty Search Committee, 2012-2013

## **INDUSTRY RESEARCH EMPLOYMENT**

2007 Intel Research, Berkeley, CA and Nairobi, Kenya  
Research Intern

2006 Microsoft Research, Cambridge, United Kingdom  
Research Intern, Socio-Digital Systems Group

## **PROFESSIONAL EMPLOYMENT**

2009-present IslamTech LLC, Atlanta, GA  
Co-Founder, Chief Design Officer,

2004 Intel Corporation, Hillsboro, OR  
Design Research Intern, User-Centered Design Group

2003 S.C. Johnson & Son, Inc., Racine, WI  
Design Research Intern, Consumer and Product Insights Group

1998-2000 Libbey Inc., Toledo, OH  
Lead Industrial Designer, New Product Development Group

## **DESIGN PATENTS**

2003 "Container," U.S. Patent number: D484365, Issue date: December 30. Assignee: Libbey Glass Inc.

2002 "Goblet," U.S. Patent number: D460323, Issue date: July 16. Assignee: Libbey Glass Inc.

"Glass," U.S. Patent number: D456214, Issue date: April 30. Assignee: Libbey Glass Inc.

"Stem for an article of stemware," U.S. Patent number: D453282, Issue date: February 5. Assignee: Libbey Glass Inc.

2001 "Glass," U.S. Patent number: D451346, Issue date: December 4. Assignee: Libbey Glass Inc.

"Glass," U.S. Patent number: D462238, Issue date: September 3. Assignee: Libbey Glass Inc.

"Baking Dish," U.S. Patent number: D441598, Issue date: May 8. Assignee: Libbey Glass Inc.

"Baking Dish," U.S. Patent number: D441597, Issue date: May 15. Assignee: Libbey Glass Inc.

"Baking Dish," U.S. Patent number: D442019, Issue date: May 8. Assignee: Libbey Glass Inc.

"Baking Dish," U.S. Patent number: D442425, Issue date: May 22. Assignee: Libbey Glass Inc.

2000 "Glass," U.S. Patent number: D424377, Issue date: May 9. Assignee: Libbey Glass Inc.

## **INVITED WORKSHOPS AND DOCTORAL CONSORTIUM PARTICIPATION**

2011 "Consortium for the Science of Socio-Technical Systems (CSST) Summer Research Institute," NSF Sponsored Workshop, Captiva Island, FL

"Slow Down, You Move Too Fast": Rethinking the Culture of Busyness and IT, NSF Sponsored Workshop, University of Washington, Seattle, WA

2010 "Computing at the Margins," NSF Sponsored Workshop, Georgia Tech, Atlanta, GA

2008 “The Discipline of Design,” NSF Sponsored Workshop, University of Michigan, Ann Arbor, MI

### SELECTED PRESS

- 2016 “Next Billion People Online Will Get Odd Versions of the Internet.” *New Scientist*, February 3, 2016. <https://www.newscientist.com/article/2075978-next-billion-people-online-will-get-odd-versions-of-the-internet/>
- 2013 “Facebook Is Being Redefined by Its Developing World Users.” *MIT Technology Review*, July 22. <http://www.technologyreview.com/view/517371/facebook-is-being-redefined-by-its-developing-world-users/>
- 2011 “Susan Wyche receives Skype grant for human-computer interaction research.” *Virginia Tech News*, July 21. <http://www.vtnews.vt.edu/articles/2011/07/072111-engineering-wycheskypegrant.html>
- 2010 “A CI Fellow’s Perspective: “Becoming a Better Researcher.” *The Computing Community Consortium Blog*, March 31, 2010. <http://www.cccb.org/2011/03/31/a-cifellows-perspective-becoming-a-better-researcher/>
- 2009 “Time to Pray? Better Check Your Phone.” *DISCOVER: Science, Technology, and The Future*, April 7. <http://blogs.discovermagazine.com/discoblog/2009/04/07/time-to-pray-better-check-your-phone/>
- “Sun Dial -Mobile Phone App Alerts Muslims About Prayer Times.” *Scientific blogging*, April 5. [http://www.scientificblogging.com/news\\_releases/sun\\_dial\\_mobile\\_phone\\_app\\_alerts\\_muslims\\_about\\_prayer\\_times](http://www.scientificblogging.com/news_releases/sun_dial_mobile_phone_app_alerts_muslims_about_prayer_times)
- “Mobile Phone Application “Mobile Phone Application Reminds Muslims When to Pray,” *PBA Online*, the website of Public Broadcasting Atlanta, online interview, April 7

### AFFILIATIONS

- 2005-present ACM SIG-CHI Member  
1995-present Industrial Designers Society of America (IDSA) Member