

Susan Wyche, Ph.D.

Michigan State University
Department of Media and Information
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EDUCATION

Ph.D. in Human-Centered Computing
School of Interactive Computing
Georgia Institute of Technology, Atlanta, GA

M.S. in Applied Research in Human-Environment Relations
Department of Design and Environmental Analysis
Cornell University, Ithaca, NY

B.F.A. in Industrial Design, minor in History
School of Design
Carnegie Mellon University, Pittsburgh, PA

APPOINTMENTS

2018-present Associate Professor
Department of Media and Information
Michigan State University, East Lansing, MI

2012-2018 Assistant Professor
Department of Media and Information
Michigan State University, East Lansing, MI

2012-present Consulting Faculty African Studies Center
Consulting Faculty Center for Gender in Global Context (GenCen)
Michigan State University, East Lansing, MI

2012-2015 Information Communication Technology and Development (ICTD) Co-Lead
Global Center for Food Systems Innovation (GCFSI)
A development lab established through a five-year, \$25 million award from United States Agency for International Development (USAID) as a part of their Higher Education Solutions Network (HESN) program.
Michigan State University, East Lansing, MI

2010-2012 NSF/CRA Computing Innovation Fellow (Postdoctoral Scholar)
Department of Computer Science
Virginia Tech, Blacksburg, VA

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

LANGUAGE SKILLS

Kiswahili (intermediate)

FELLOWSHIPS AND AWARDS

- 2022 John K. Hudzik Emerging Leader in Advancing International Studies and Programs Award, Michigan State University
- 2021 Best Paper Award, ACM SIGCAS Conference on Computing and Sustainable Societies (ACM COMPASS 2021)
- 2015 CAREER Award, National Science Foundation (NSF)
- 2015 Best Paper Honorable Mention, ACM SIGCHI Conf. on Ubiquitous Computing (UbiComp 2015)
- 2013 Best Paper Honorable Mention, ACM SIGCHI Conf. on Human Factors in Computing Systems (CHI'13)
- 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 (CSCW'06)
- 1997 School of Design Merit Award Winner, Carnegie Mellon University

EXTERNAL GRANTS

- 2023 National Science Foundation (NSF) Workshop 2023 Conference on Computer Supported Cooperative Work & Social Computing (CSCW), **Susan Wyche, (PI). Budget \$19,956.**

- 2019-2022 National Institutes of Health (NIH) R21 Award, "Building Capacity in Human-Centered Design: Developing a Diabetes mHealth Application for and with Kenyan Adolescents," **Susan Wyche (PI); Jennifer Olson (Co-I); Bree Holtz (Co-I); and Denise Hershey (Co-I). Budget \$445,705**

- 2016-2022 National Science Foundation (NSF) CAREER Award, "Information and Communication Technology Use in Communities with Limited Technical Infrastructures," **Susan Wyche, (PI). Budget \$582,613.**

- 2014-2015 The United States Agency for International Development (USAID) Development Innovation Ventures (DIV), "Simu Shape Up": Edutainment to Shape Up Cellphone use Among African Rural Farmers," **Susan Wyche (PI) and Charles Steinfield (Co-I). Budget \$99,787.**

- 2010 National Science Foundation (NSF) via CRA (Computing Research Association), Steve Harrison (PI) (Postdoctoral Sponsor). **Budget \$270,500.**

CORPORATE GIFTS

- 2023-2024 Mozilla Responsible Computing Challenge Award, **Susan Wyche (PI) and Jonathan Choti (Co-I). Budget \$150,000.**

- 2022 Google *exploreCSR* Award, **Susan Wyche (PI). Budget \$10,000.**

- 2021 Google *exploreCSR* Award, **Susan Wyche (PI). Budget \$15,000.**

- 2013 Google Faculty Research Award, **Susan Wyche (PI). Budget \$40,000.**
Nokia's University Cooperation Funding, **Susan Wyche (PI). Budget \$9,309.**
Facebook Inc., unrestricted gift, **Susan Wyche (PI). Budget \$40,000.**

- 2011 Skype Inc., unrestricted gift, **Susan Wyche (PI). Budget \$15,000.**
- 2002 S.C. Johnson & Son, Inc., unrestricted gift, **Susan Wyche (PI). Budget \$50,000.**

INTERNAL GRANTS

- 2020 Michigan State University's Alliance for African Partnership (AAP) African Futures—Early Career Research Leadership Program. Program provides support for a Visiting Scholar (Dr. Miriam Charimbu, Egerton University) to come to MSU and collaborate on a one-year project. **Budget \$56,000.**
- 2018 Michigan State University's Trifecta Initiative Facilitating Funds Award, "Addressing an Emerging Epidemic: Human-Centered Design Approaches to Developing Personalize mHealth Services to Support Diabetes Prevention and Management in Urban Kenya," Investigators: **Susan Wyche (PI)**; Jennifer Olson (Co-I); Bree Holtz (Co-I); and Denise Hershey (Co-I). **Budget \$5,000.**
- 2017 Michigan State University's Alliance for African Partnership (AAP) Grant, "Addressing the Agricultural Labor Burden in Rural East Africa: A Human-Centered Design Approach," Investigators: Jennifer Olson (PI); **Susan Wyche (Co-I)**; Ruth Oniang'o (Rural Outreach Africa) (Co-I); and Eric Tarkelson (Enda Tech) (Co-I). **Budget \$50,000.**
- 2010 Virginia Tech's Office of International Research, Education, and Development, **Susan Wyche (PI). Budget \$2,500.**

PUBLICATIONS

Peer-Reviewed Journal Articles

- 2022 **Wyche, S.** "Reimagining the Mobile Phone: Investigating Speculative Approaches to Design in Human-Computer Interaction for Development (HCI4D)." *ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2022)*. Article no. 535.
- 2020 **Wyche, S.** "Using Cultural Probes in HCI4D/ICTD: A Design Case Study from Bungoma, Kenya." *ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2020)*. Article no. 063.
- Wyche, S.**, Greenwood, A., Geyer, B.S. "Exploring Photography in Rural Kenyan Households: Considering "Relational Objects" in CSCW and HCI." *ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2020)*. Article no. 046.
- 2019 Hardy, J., **Wyche, S.**, and Veinot, T. "Rural HCI Research: Definitions, distinctions, methods, and opportunities," *ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2019)*, Austin, TX. Article no. 196.
- Wyche, S.**, Olson, J., & Karanu, M. "Redesigning agricultural hand-tools in Western Kenya: Considering human-centered design in ICTD." *Information Technologies & International Development (ITID)*, 15(16).

- 2018 **Wyche, S.**, Simiyu, N. and Othieno, M.E. "Understanding Women's Mobile Phone Use in Rural Kenya: An Affordance-Based Approach," *Mobile Media & Communication*, DOI: 2050157918776684.
- Wyche, S.** and Olson, J. "Kenyan Women's Rural Realities, Mobile Internet Access, and "Africa Rising," *Information Technologies & International Development (ITID)*, 14(15).
- 2017 **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*, 19(7). Pgs. 1092-1108.
- 2016 **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*, 29(3). Pgs. 391-402.
- 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*. 22(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.** (2004). "Culturally Embedded Computing." *IEEE Pervasive Computing, Special Issue on Art, Design, and Entertainment*. Vol. 3(1), Pgs. 14-22

Peer-Reviewed Conference Publications

- 2021 **Wyche, S.** "The Benefits of Using Design Workbooks with Speculative Design Proposals in Information Communication Technology for Development (ICTD)." *ACM Conference on Designing Interactive Systems (DIS 2021)*, Virtual event (Acceptance Rate: 24.5%)
- Chidzwisano, G. H., Mariakakis, A., **Wyche, S.**, Mafeni, B., Banda, E.G. "NkhukuProbe: Using a Sensor-Based Technology Probe to Support Poultry Farming Activities in Malawi." *ACM SIGCAS Conference on Computing and Sustainable Societies (COMPASS 2021)*, Virtual event (Acceptance Rate: 27%) (**Awarded Best Paper**)
- 2020 Chidzwisano, G.H., **Wyche, S.**, Erick Oduor. "GridAlert: Using a Sensor-Based Technology to Monitor Power Blackouts in Kenyan Homes," *ACM Conference on Human Factors in Computing Systems (CHI 2020)*, Honolulu, Hawaii (Acceptance Rate: 24%)
- Chidziwisano, G.H., Kisyula R., **Wyche, S.** (2020). "SmartChama: Designing Collaborative Digital Financial Systems for Chama Groups in Kenya", *ACM Conference on Information and Communication Technologies and Development (ICTD 2020)*, Guayaquil, Ecuador (Acceptance Rate: 50%)
- 2018 **Wyche, S.**, Chidzwisano, G., Uwimbabazi, F. and Simiyu, N. "Defamiliarizing the Domestic: Exploring M-Kopa Solar Use and Sustainable Practices in Rural Kenyan Households," *First ACM*

Conference on Computing & Sustainable Societies (COMPASS 2018), Menlo Park, CA, Pgs. 35-46. (Acceptance Rate: 28%)

Chidziwisano, G.H. and **Wyche, S.** “M-Kulinda: Using a Sensor-Based Technology Probe to Explore Domestic Security in Rural Kenya,” *ACM Conference on Human Factors in Computing Systems (CHI 2018)*, Montreal, Canada, Paper No. 10. (Acceptance Rate: 26%)

2016 **Wyche, S.**, Steinfield, C., Cai, T., Simiyu, N., and Othieno, M.E. “Reflecting on Video: Exploring the Efficacy of Video for Teaching Device Literacy in Rural Kenya,” *Proceedings of the International Conference on Information and Communication Technologies and Development (ICTD2016)*, Ann Arbor, MI. (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%)

Steinfield, 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. (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 Interactive Posters and Works In Progress

- 2019 **Wyche, S.** “Using Cultural Probes in New Contexts: Exploring the Benefits of Probes in HCI4D/ICTD.” *Extended Abstracts, ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2019)*, Austin, TX. Pgs. 423-427.
- 2017 Holeman, I., Blake, E., Densmore, M., Ssozi, F., Goodman, E., Medhi Thies, I., and **Wyche, S.** “Co-Design Across Borders Special Interest Group.” *Extended Abstracts, ACM SIGCHI Conf. on Human Factors in Computing Systems (CHI ‘17)*, Denver, CO, Pgs. 1318-1321.
- 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

- 2019 **Wyche, S.** “Reflection on the Role of History in Design.” *ACM SIGCHI Conf. on Computer Supported Cooperative Work (CSCW 2019): Workshop on Fostering Historical Research in CSCW & HCI*, Austin, TX.

- 2017 **Wyche, S.** “Lessons from the Field: Using Design Methods in Rural Kenya.” *ACM SIGCHI Conf. on Computer Supported Cooperative Work (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

Peer-Reviewed Abstracts

- 2018 **Wyche, S.** Olson, J., and Karanu, M. “Human-Centered Approaches to Redesigning Small Holder Farmers’ Agricultural Tools: Insights into Sustainable Development from Rural Kenya,” *Sustainability and Development Conference*. Ann Arbor, MI. (Acceptance Rate: ~30%)
- 2018 Olson, J., **Wyche, S.** and Karanu, M. “Testing the Human-Centered Design Approach to Reduce the Labor Burden among Farmers in Kenya: Participatory Development Redux?,” *Sustainability and Development Conference*. Ann Arbor, MI. (Acceptance Rate: 30%)

Guest Editor

- 2017 **Wyche, S.** ICTD 2016| From the Guest Editor—Selected Papers from ICTD2016. *Information Technologies & International Development*, 13(2).

Workshop Organization

- 2018 Hardy, J., Dailey, D., **Wyche, S.**, and Su, N.M. “Rural Computing: Beyond access and infrastructure,” Extended Abstracts, *ACM SIGCHI Conf. on Computer Supported Cooperative Work and Social Computing (CSCW ‘18)*, Jersey City, NJ, Pgs. 463-470
- 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

Books

2023 **Wyche, Susan**, Olson, Jennifer, Omondi, Eric, Karekezi, Catherine and Ngugi, Nancy. 2023. *My Journal to Better Health: Type 1 Diabetes (T1D) for Kenya Youth*. East Lansing, Michigan, USA.

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 (non-peer reviewed)

2019 **Wyche, S.**, “Considering cultural probes in HCI4D/ICTD research.” *ACM Interactions*, December 2019, 27(1), Pgs. 80-83.

- 2019 Hardy, J., Phelan, C., Vigil-Hayes, M., Su, N., **Wyche, S.**, Sengers, P. “Designing from the rural.” *ACM Interactions*, July/August 2019, 26(4), Pgs. 37-41.
- 2011 **Wyche, S.P.** “Designing for Everyday Interactions in HCI4D.” *ACM Interactions Magazine*. March/April 2011, 18(2), Pgs. 52-56.
- 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 TALKS

- 2023 “Designing mHealth Interventions for Kenyan Youth with Type 1 Diabetes (T1D).” *mHealth Network Meeting*, National Institutes of Health, Fogarty International Center, October 25, 2023 (available online: <https://mregs.nih.gov/FIC/1EDF-B535>).
- “Considering Speculative Design in Global Digital Development.” Global Digital Development Forum, *Lightning Talk*, April 27, 2023 (*virtual presentation*)
- “Reimagining Human-Centered Design: Considering Reflexivity, Speculation and Long-term Engagement in ICTD.” Northeastern University, Khoury College of Computing, April 5, 2023
- “Considering Non-Digital Technologies in Rural Computing.” Michigan State University, Rural Computing Research Symposium, March 31, 2023.
- “Reimagining Human-Centered Design: Considering Reflexivity, Speculation and Long-term Engagement in ICTD.” University of Washington CHANGE Seminar, January 31, 2023 (*virtual presentation*) (available online: <https://change.washington.edu/talk/reimagining-human-centered-design-considering-reflexivity-speculation-and-long-term-engagement-in-ictd/>)
- 2022 “Reimagining Human-Centered Design: Considering Reflexivity, Speculation and Long-term Engagement in ICTD.” Department of Human Centered Design, Cornell University, December 1, 2022
- “Irrational Design: Considering Reflexivity, Speculation and Long-term Engagement in Human-Computer Interaction for Development (HCI4D).” Microsoft Africa Research Institute (MARI) Seminar, Nairobi, Kenya, September 15, 2022
- “Designing Solutions to their Own Problems: Teaching Human-Centered Design to Kenyan Computer Science Students.” USAID’s “Higher Education Global Evidence Summit, May 3, 2022 (*virtual presentation*)
- “Irrational Design: Considering Reflexivity, Speculation and Long-term Engagement in Human-Computer Interaction for Development (HCI4D).” Department of Information Sciences and Technology, George Mason University, March 15, 2022 (*virtual presentation*)
- “Considering Non-Digital Technologies in ICTD.” (Co-presenter Dr. Miriam Charimbu,

- Egerton University) Invited Presentation at *ICTforAg Conference*, March 10, 2022 (*virtual presentation*)
- “Considering Human-Centered Design in Development Research.” Egerton University, Njoro, Kenya, February 28, 2022
- “Irrational Design: Considering Reflexivity, Speculation and Long-term Engagement in Human-Computer Interaction for Development (HCI4D).” Department of Computer Science, George Mason University, February 17, 2022 (*virtual presentation*)
- 2021 “Reconsidering Human-Centered Approaches to Design in Human-Computer Interaction and Development (HCI4D): Using Design Methods to Reimagine Technology in Rural Kenya,” Human-Computer Interaction Institute, HCII Seminar, Carnegie Mellon University, September 17, 2021 (*virtual presentation*)
- “Rethinking Design for Marginalized Communities: Using Design Methods in ICTD Research,” College of Information Sciences and Technology, The Pennsylvania State University, March 11, 2021 (*virtual presentation*)
- 2020 “Rethinking Design in HCI4D/ICTD,” Computational Media Seminar, Jack Baskin School of Engineering, U.C. Santa Cruz, December 7, 2020 (*virtual presentation*)
- “Using Cultural Probes in HCI4D/ICTD: A Design Case Study from Bungoma, Kenya,” Michigan Interactive and Social Computing (MISC) Speaker Series, University of Michigan, November 19, 2020 (*virtual presentation*)
- “Redesigning Agricultural Hand Tools in Western Kenya: Considering Human-Centered Design in Development Research,” Michigan Interactive and Social Computing (MISC) Speaker Series, University of Michigan, March 30, 2020 (*cancelled due to COVID-19*)
- “Redesigning Agricultural Hand Tools in Western Kenya: Considering Human-Centered Design in Development Research,” (co-presented with Dr. Jennifer Olson) “Eye on Africa” Speaker Series, Michigan State University, February 6, 2020
- 2019 “Exploring Mobile Phones and Alternative Approaches to Design in Rural Kenya,” Department of Information Systems, University of Maryland, Baltimore County (UMBC), February 13, 2019
- 2018 “Exploring Mobile Phones and Alternative Approaches to Design in Rural Kenya,” Department of Informatics Seminar, U.C. Irvine, January 12, 2018
- 2017 “Exploring Mobile Phones and Alternative Approaches to Design in Rural Kenya,” Technology and Social Behavior Speaker Series, Northwestern University, October 19, 2017
- “Exploring Mobile Phones and Alternative Approaches to Design in Rural Kenya,” School of Informatics and Computing, Indiana University, April 14, 2017
- 2016 “Exploring Mobile Phones and Alternative Approaches to Design in Rural Kenya,” GVU Center, Georgia Tech, October 6, 2016

- “Exploring Mobile Phones and Alternative 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 Alternative 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,” USAID’s 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, 2013
- “Social Media Use in Rural and Urban Kenya,” Michigan State University’s Eye on Africa Speaker’s Series, East Lansing, MI, February 14, 2013
- 2012 “Designing for Emerging Markets,” Skype Ltd., London, U.K., April 23, 2012
- “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, 2012
- 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, 2011
- “Design 101,” Research @ *iHub Workshop, *iHub, Nairobi, Kenya, June 22, 2011

- “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, 2011
- 2010 “Design for the Developing World,” Interaction Design Association (IXDA) Conference (Interaction ‘11), Boulder, CO, February 10, 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, 2010
- “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, 2008
- “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, 2008
- 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, 2004

TEACHING EXPERIENCE

- Michigan State University, Department of Media and Information**
- 2024 Instructor, “Creating Human Centered Technology,” Spring
Instructor, “ICTD Project Design Course,” Spring
- 2023 Instructor, “Interactive Prototyping,” Fall
Instructor, “Creating Human Centered Technology,” Spring
- 2022 Instructor, “Interactive Prototyping,” Fall
Instructor, “Creating Human Centered Technology,” Spring
Instructor, “ICTD Project Design Course,” Spring
- 2021 Instructor, “Interactive Prototyping,” Fall
- 2020 Instructor, “Creating Human Centered Technology,” Spring
- 2019 Instructor, “Doctoral Seminar: Human Computer Interaction,” Fall
Instructor, “Interactive Prototyping,” Fall
Instructor, “Creating Human Centered Technology,” Spring
Instructor, “ICTD Project Design Course,” Spring

- 2018 Instructor, “Interactive Prototyping,” Fall
 Instructor, “Creating Human Centered Technology,” Spring
 Instructor, “ICTD Project Design Course,” Spring
- 2017 Instructor, “Creating Human Centered Technology,” Fall
 Instructor, “Creating Human Centered Technology,” Spring
- 2016 Instructor, “Creating Human Centered Technology,” Fall
 Instructor, “Qualitative Research Methods,” Spring
 Instructor, “Human Computer Interaction and Experience Design,” Spring
- 2015 Instructor, “Human Computer Interaction and Experience Design,” Fall
 Instructor, “Human Computer Interaction and Experience Design,” Spring
- 2014 Instructor, “Human Computer Interaction and Experience Design,” Fall
 Instructor, “Human Computer Interaction and Experience Design,” Spring
- 2013 Instructor, “Human Computer Interaction and Experience Design,” Fall
 Instructor, “Human Computer Interaction and Experience Design,” Spring
- 2012 Instructor, “Information and Communication Technology for Development,” Spring
 Instructor, “Human Computer Interaction and Experience Design,” 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

POSTDOCTORAL MENTORING

Dr. Miriam Charimbu, Lecturer in Crop Production and Protection, Egerton University, 2021-present
Visiting Scholar supported by MSU’s Alliance for Africa Partnership’s “African Futures Scholars” program

DOCTORAL STUDENTS ADVISED

Michigan State University (Ph.D.)

Dr. Hope Chidziwisano, Media and Information, (Spring 2016–Spring 2022) (**graduated Spring 2022**),
 I&M Ph.D. Primary Advisor, *currently a Presidential Postdoctoral Fellowship from Carnegie Mellon*

Brian Geyer, Anthropology, (Fall 2016-present), Anthropology Ph.D. Candidate, Primary Advisor (with Dr. Chantal Tetrault, Anthropology)

DOCTORAL STUDENTS COMMITTEE MEMBER

Joyline Chepkorir, School of Nursing, John Hopkins University, (Spring 2022-present)

Megan Knittel, Media and Information (Spring 2019-Fall 2023), I&M Ph.D., Dissertation Committee
(graduated Fall 2023)

Ji Youn Shin, Media and Information (Spring 2019-Spring 2022), I&M Ph.D., Dissertation Committee
(graduated Spring 2022)

Dee Jordan, Geography, (Fall 2017-Spring 2019), Geography Ph.D. Student, Dissertation Committee

Mengyan Ma, Advertising + Public Relations (Fall 2016- Spring 2019), I&M Ph.D., Dissertation Committee

Tian Cai, Media and Information, MIS Ph.D., Dissertation Committee **(graduated Summer 2017)**

Chimobi Ucha, Media and Information (Fall 2016-Fall 2017), I&M Ph.D.

Chandan "Dan" Sarkar, Media and Information (Fall 2012-Spring 2013), I&M Ph.D., Dissertation Committee **(graduated Summer 2013)**

Michigan State University (M.A. and M.S.)

Humera Fatima, Media and Information, M.A. Student, 2023-present

Sneha Bang, Media and Information, M.A. Student, 2022-present

Yuxin Jiang, Media and Information, M.A. Student **(graduated Fall Spring 2020)**

Yufen Hsi, Media and Information, M.A. Student **(graduated Summer 2019)**

Hope Chidziwisano, Media and Information, M.A. Student **(graduated Fall 2017)**

Emily Fesler, Media and Information, (Spring 2016-present), M.A. Student, Thesis Committee,
(graduated Summer 2019)

Jeremy Rook, Media and Information, M.A. Student, Thesis Committee, **(graduated Fall 2018)**

Christopher Root, Agricultural, Food, and Resource Economics (AFRE), M.S. Student **(graduated Spring 2017)**

Daniel Ninsiima, Media and Information, M.A. Student **(graduated 2014)**

Shengjie "Holly" Zhou, Media and Information, M.A. Student **(graduated 2015)**

Leena Masquood, Media and Information, M.A. Student **(graduated 2014)**

PAID RESEARCH ASSISTANTS

Michigan State University

Tanzil Zubair Bin Zaman, Spring 2024-present

April Greenwood, Anthropology, Spring, Summer 2018

Hope Chidziwisano, Media and Information, (Spring 2016-present)

Holly Osmer, Media and Information (Fall 2016-Spring 2017)

Ashleigh Lovette, Communication (Spring 2014)

Brian Geyer, Anthropology (Spring 2014, Spring 2018)

Jonathon Choti, Department of Linguistics & Germanic, Slavic, Asian and African Language (Spring 2013)

Dominic Nangea, Agribusiness Management (Spring 2013)

PAID RESEARCH ASSISTANTS (TRAVELLED TO KENYA)

Michigan State University

Chimobi Ucha, Media and Information (Summer 2017)

Hope Chidziwisano, Media and Information (Summer, 2016 and Summer 2017)

Rellikson Kisyula, Media and Information (Summer 2017)
Ian O'Bara, Media and Information (Summer 2016)
Florence Uwimbabazi, Advertising + Public Relations (Summer 2016)
Dominic Nangea, Agribusiness Management (Summer 2012)
Carol Myers-Scotton, PhD., Department of Linguistics & Germanic, Slavic, Asian and African Language (Summer 2012)

EXTERNAL EXAMINER FOR DISSERTATION

Pietari Keskinen, Department of Computer Science, Aalto University School of Science
R. Ssematya, Department of Computer Science, University of Cape Town
Frederick W. Meissner, Department of Computer Science, University of Cape Town

SERVICE TO PROFESSION

Doctoral Consortium Co-Chair, with Rosa Arriaga (GaTech), ACM Conf. on Computer Supported Cooperative Work (CSCW '23), Minneapolis, MN (2022-2023)

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

Program Committee Member, ACM *Conference on Computer-Supported Cooperative Work and Social Computing* (2018–2021)

Associate Editor, ACM *Conference on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)* (2017-2018)

Papers Associate Chair, ACM Conference on Human Factors and Computing Systems (CHI) (2011, 2012, 2017, 2018, 2022)

Papers Associate Chair, IEEE/ACM International Conference on Information and Communication Technologies and Development (ICTD) (2011, 2014, 2017, 2018, 2019, 2020)

Guest Editor, *Information Technologies & International Development (ITID)*, “Best of ICTD 2016 Conference”

Organizing Committee, iConference 2016, Drexel University, Philadelphia, PA (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, 2019, 2020)

Papers Associate Chair, ACM Conference on Designing Interactive Systems (DIS)(2012, 2018)

Papers Associate Chair, ACM African Conference on Human Computer Interaction (AfriCHI)(2016, 2018)

Works-in-Progress Program Committee, ACM Conference on Human Factors and Computing Systems (CHI) (2013, 2016, 2017)

Big Ideas@Berkeley, Proposal Judge (2014)

Peer Review

- 2021 National Institutes of Health (NIH) and National Science Foundation (NSF)
- 2019 National Science Foundation (NSF)
- 2018 National Science Foundation (NSF)
- 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); ACM Conference on Designing Interactive Systems (DIS); AfriChi, 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:** *Climate and Development; Interacting with Computers; ACM Transactions on Computer-Human Interaction (TOCHI); New Media & Society; Mobile Media & Communication; Information, Communication, and Society; The Information Society; Journal of Communication; International Journal of Communication; Information Technologies & International Development; Sociological Forum; World Development*
- 2011 National Science Foundation (NSF)

SERVICE TO MICHIGAN STATE UNIVERSITY

- Dean Search, College of Communication Arts and Sciences, 2022-present
- Open Rank Tenure (Brandt Chair) Faculty Search Committee, 2021-2022
- Open-Rank Position in Media and Information Faculty Search Committee (Chair), 2019-2020
- Annual Performance Review Committee, 2019
- Department Chair Search Committee, 2018-2019
- Human-Centered Technology Focus Area Curriculum Development Committee, 2014-2018
- Undergraduate Curriculum Committee, 2017
- Human-Centered Computing Faculty Search Committee, 2016
- Internet Economics Faculty Search Committee, 2015
- Annual Performance Review Committee, 2013
- Social Computing Faculty Search Committee, 2012
- ICTD/Agricultural Economics Faculty Search Committee, 2013
- ICTD/Agricultural Economics Faculty Search Committee, 2012

Invited Judge, MIS Ph.D. Research Symposium, 2015

INDUSTRY RESEARCH EMPLOYMENT

- 2007 Intel Research, Berkeley, CA
Research Intern
- 2006 Microsoft Research, Cambridge, United Kingdom

PROFESSIONAL EMPLOYMENT/INTERNSHIPS

- 2009-2012 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

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

- 2018 "Consortium for the Science of Socio-Technical Systems (CSST) Research Institute," NSF Sponsored Workshop, Ann Arbor, MI
- 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

- 2024 *Ugonjwa wa Kisukari* (Diabetes). WestTV, Bungoma, Kenya, May 1, 2023. Available online: <https://www.youtube.com/watch?v=Lg8Ii1ulRyk>
- 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/>

- 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
- “Mobile Phone Application “Mobile Phone Application Reminds Muslims When to Pray,” *PBA Online*, the website of Public Broadcasting Atlanta, online interview, April 7