

Revi Sterling, Ph.D.
Curriculum Vitae

USAID (seconded from DAI)

- Director, Women's Global Development and Prosperity Gender and Technology Programs (2019 -)
- Director, USAID WomenConnect Challenge (2018 -)

Consulting and Teaching (current)

- CARE: designing digitalization strategies for CARE Rwanda and Uganda
- African Union and ITU: Digital Africa gender-responsive review for transformative agriculture, education, and health strategies
- Adjunct Professor (Spring 2022): Columbia University School of International Public Affairs

NetHope

- USAID Global Broadband and Innovation Program Chief of Party (2016 -2018)
- USAID Global Broadband and Innovation Program Deputy Chief of Party (2014 - 2016)

University of Colorado at Boulder

- Founding Director and Faculty, ICTD Graduate Studies Program, ATLAS Institut (2009 – 2015)
- Affiliate faculty positions in Women's and Gender Studies, Interdisciplinary Telecommunications, and Civil Engineering departments (2012–2015)
- Instructor, ATLAS Institute (2007–2008)
- Research Assistant, National Center for Women and IT (2005–06)

Microsoft Corporation

- Doctoral Research Intern, Microsoft Research Labs, India (2008)
- Senior Program Manager, Microsoft Research (2001–2005)
- Program Manager, Emerging Technologies Division (1998–2001)
- Program Manager, Windows Operating Systems Division (1995–1998)

Education

- Ph.D. University of Colorado, ATLAS Institute, 2008 –Technology, Media and Society
- Graduate Certificate – Global Mental Health and Refugee Trauma, 2013 – Harvard University
- Graduate Certificate – Developing Areas Research and Teaching (DART), 2007 – U Colorado
- B.A. University of Montana/Carnegie Mellon University, 1995 – English, Critical Theory

Honors and Awards

- Women in Technology Impact.Engineered Award (Engineering4Change/ASME) (2019)
- USAID Activism Against Gender Violence award (2014)
- Woman of the Year: Boulder Business and Professional Women (2014)
- Women of Vision Social Impact Award, Anita Borg Institute for Women and Technology (2012)
- Women Making a Difference award, University of Colorado (2010)
- Society for New Communications Research Fellow (2009–2010)
- Provided congressional testimony before the Committee on Education and the Workforce – “How the Private Sector is Helping States and Communities Improve High School Education” (2005)

Publications

Reports Authored

- USAID: The Gender Digital Divide Primer (2020)
- USAID: WHAT'S NEXT: Closing the Gender Digital Divide (2020)
- USAID Bangladesh: Gender and AgTech analysis (2020)
- USAID Research Technical Assistance Center: Beyond the Gender Digital Divide: Utilizing Research to Transform the Impact of Digital Technology for Women (2019)

Refereed Conference Paper and Journal Publications

- S. Revi Sterling, Tom Koutsky and Lauren Grubbs. "Breaking through the Gender Digital Divide." 48th Research Conference on Communications, Information, and Internet Policy. December 2020.
- S. Revi Sterling and Tom Koutsky. "Understanding the Gender Digital Divide: Social Norms and the USAID WomenConnect Challenge." 46th Research Conference on Communications, Information, and Internet Policy. September 2018.
- Heather Underwood, S. Revi Sterling, John K. Bennett. "PartoPens at the Point of Care: Evaluating Digital Pen-Based Maternal Labor Monitoring in Kenya." International Conference on Health Informatics. March 2014.
- Heather Underwood, S. Revi Sterling, John K. Bennett. "The PartoPen in Practice: Evaluating the Impact of Digital Pen Technology on Maternal Health in Kenya." 6th International Conference on Information and Communication Technologies and Development. December 2013.
- Leslie Dodson, John K. Bennett and S. Revi Sterling. "Minding the Gaps: Cultural, Technical and Gender-based Barriers to Mobile Use in Oral-Language Berber Communities in Morocco." 6th International Conference on Information and Communication Technologies and Development. December 2013.
- Mustafa Naseem and S. Revi Sterling. "The Role of Different Players in The ICT Ecosystem Towards Poor Adoption of Broadband in Pakistan." 6th International Conference on Information and Communication Technologies and Development. December 2013.
- S. Revi Sterling and John K. Bennett. "The Case for Interdisciplinarity: Lessons from the Field." IEEE Global Humanitarian Technical Conference. October 2014.
- Leslie Dodson, S. Revi Sterling and John K. Bennett. "Considering Failure: Eight Years of ITID Research." Information Technology for International Development. 9 (2). 2013.
- Josephine Kilde, John K Bennett, Lorenzo Gonzales, S. R. Sterling. "A connective massive open online course for K-12 science, technology, engineering, and mathematics teachers in New Mexico Pueblo schools." Proceedings of the Sixth International Conference on Information and Communications Technologies and Development. December 2013.
- S. Revi Sterling. "Designing for trauma: the roles of ICTD in combating violence against women (VAW)." Proceedings of the Sixth International Conference on Information and Communications Technologies and Development. 2013.
- Leslie Dodson, S. Revi Sterling and John K. Bennett. "The Mobile Utility Gap: SMS use by Low-Literate Berber Women in Morocco." Intelligent User Interfaces for Developing Regions. San Diego, US. March 2013.
- Heather Underwood, S. Revi Sterling and John K. Bennett. "The PartoPen in Training and Clinical Use: Two Preliminary Studies in Kenya." Proceedings of the International Conference on Health Informatics (HEALTHINF 2013). February 2013.
- Heather Underwood, S. Revi Sterling and John K. Bennett. "The Design and Implementation of the PartoPen Maternal Health Monitoring System." Proceedings of the ACM third annual Symposium on Computing for Development. India. January 2013.
- Heather Underwood, S. Revi Sterling and John K. Bennett. "Improving Maternal Labor Monitoring in Kenya Using Digital Pen Technology: A User Evaluation." Proceedings of the 2011 IEEE Global Humanitarian Technology Conference. October 2012.
- S. Revi Sterling and John K. Bennett. "Three Bad Assumptions – Why Technologies for Social Impact Fail." International Journal of Computational Engineering Research. August 2012.
- Leslie Dodson, S. Revi Sterling and John K. Bennett. "Considering Failure: Eight Years of ITID Research." Proceedings of the 4th IEEE/ACM International Conference on Information and Communication Technologies and Development. April 2012.

- Leslie Dodson and S. Revi Sterling. "Ethics of Participation: Research or Reporting?" *The Electronic Journal of Information Systems in Developing Countries*. 50(6). 2012.
- S. Revi Sterling and John K. Bennett. "Crossing the Real Chasm in Humanitarian Technology Work." *Proceedings of the 2011 IEEE Global Humanitarian Technology Conference*. October 2011.
- S. Revi Sterling and Nimmi Rangaswamy. "Constructing Informed Consent in ICT4D Research." *Proceedings of the 3rd IEEE/ACM International Conference on Information and Communication Technologies and Development*. December 2010.
- Leslie Dodson and S. Revi Sterling. "Ethics of Participation: Research or Reporting?" *Proceedings of the 4th International Development Informatics Association Conference*. November 2010.
- S. Revi Sterling and Sophia Huyer. "89.1 FM: The Place for Development: Power shifts and participatory spaces in ICTD." *Journal of Community Informatics*. 5(3); 6(1).
- S. Revi Sterling, John W. O'Brien and John K. Bennett. "Advancement through Interactive Radio." *Information Systems Frontiers*. 11(2). Summer 2008.
- S. Revi Sterling and John K. Bennett. "User-Centric Design for Innovative Women." *Information for Development*, 3(2). 2008.
- S. Revi Sterling, John W. O'Brien and John K. Bennett. "Advancement through Interactive Radio." In *Proceedings of the 2nd IEEE/ACM International Conference on Information and Communication Technologies and Development*. December 2007.
- S. Revi Sterling and John K. Bennett. "Women's Identity Production through Participatory Community Radio." In *Proceedings of the International Conference on Communication for Development and Social Change*. July 2006.
- Claudia Morrell and S. Revi Sterling. "ICT Strategies for Gender Empowerment: Actionable Approaches and Recommendations." In *Proceedings of the ACM/IEEE Information and Communication Technologies for Development*. 2006.

Reports and Other

- Sterling, R. "Why Women Aren't Using Your Ag App." *AgriLinks*, 2021. <https://agrilinks.org/post/why-women-arent-using-your-ag-app>
- Maitland, C., Motalebi, N., and Sterling, R. "An Information Centric Approach to Coherence: Uganda's Coherence Policies." *Pennsylvania State University*, 2020. <https://coherence4rd.com/files/UgandaPolicyAnalysis.pdf>

Invited talks and Conference/Workshop Presentations

Alliance for Affordable Internet, Amplio, BT50, Cell and Self, Center for Global Development, CGIAR, Computing Community Consortium, ConnectHer, DataRev, DIAL, Gates Foundation, Global Digital Development Forum, Grace Hopper Celebration of Women and Computing, Engineers without Borders, FFC, Financial Inclusion Week, ICT for Ag, ICTD, ICT4D, IEEE, Iliff School of Theology, Intel Corporation, International Development Institute, MCC, Michigan State University, Microsoft Research, Mt. Holyoke College, Nepal Academy of Science and Technology, NetHope Summit, Partnership for Progress on the Digital Divide, Pennsylvania State University, Reliance Foundation, Royal Geographic Society, SafariCom, SEEP, Society for International Development, Stanford Liberation Technology Seminar Series, SWE, Tanzania Development Trust, TechSalon, Temple University, UC Santa Cruz, UCOM, UNDP, UNESCO, UNICEF, University of Colorado Medical School, University of Kentucky, University of Toronto, University of Washington, #UnlockingHerPotential, USAID RTAC, USTTI, Web Foundation, WISE, WorldAg Info, World Bank/IMF

Book

- S. Revi Sterling. *Broadcasting Women: The Advancement through Interactive Radio project*. VDM Press, 2009. ISBN 978-3639137835.

Book Chapter

- S. Revi Sterling and Matthew Hulse. *Sustainable Energy and ICT*. In *International Energy and Poverty: The emerging contours*. Ed: L. Guruswamy. Routledge Studies in Energy Policy, 2015.

Posters

- S. Revi Sterling. "Designing for Trauma: the roles of ICTD in combating violence against women (VAW)." 6th International Conference on Information and Communication Technologies and Development. December 2013.
- S. Revi Sterling and Nimmi Rangaswamy. "Constructing Informed Consent in ICT4D Research." 4th IEEE/ACM International Conference on Information and Communication Technologies and Development. December 2010
- S. Revi Sterling. "Advancement through Interactive Radio." Computing Research Association Committee on the Status of Women in Computing – Graduate Cohort Workshop. 2008.
- S. Revi Sterling and John K. Bennett. "Hear My Voice: A System to Capture Personal Ethnographies from African Mweethyas." Third International Ethnographic Praxis in Industry Conference. October 2007.
- S. Revi Sterling and John Bennett. "Digital Inclusion: the AIR Project." Microsoft Research Latin American Summit. 2007.
- Claudia Morrell and S. Revi Sterling. "ICT Strategies for Gender Empowerment: Actionable Approaches and Recommendations." ACM/IEEE International Conference on Information and Communication Technologies for Development. 2006.

Book Reviews

- Review of African Women and ICTs: Investigating Technology, Gender and Empowerment. Ineke Buskens and Anne Webb (Eds.). International Development Research Centre (IDRC), London: Zed Books, 2009. Information Technologies & International Development. 7(1)

Editor

- Women's Socioeconomic Empowerment through ICT in Latin America: Peru, Colombia, Ecuador. UNDP/APWINC press, 2013. ISBN 978-8950182263.

Service

- Board of Directors, Amplio (2020 --)
- Advisory Board, Gates Foundation/Cornell University Digital Agriculture Initiative
- Contributing Editor - Engineering4Change (2016 --)
- Chair - Nominating Committee for Social Impact and Change Agent awards, Anita Borg Institute (2013 --)
- ICTD Senior Program Committee (2013 --)
- Research Workstream lead, UNWomen ICT Taskforce (2012 --)
- Practicum Advisor, Mortenson Center for Engineering for Developing Communities (2012 --)
- Mentor, Unreasonable Institute (2010 – 2013)
- Guest Lecturer, Microsoft Research India/IISc Bangalore Summer School (2010)
- Editorial Board, Information Technologies & International Development (2009 --)
- High Level Panel of Experts, UN-GAID (2009–2011)
- International Program Liaison, National Center for Women and IT (2008–2009)
- Journal and Conference Referee (multiple years): ACM Journal on Educational Resources in Computing Special Issue on Gender and Computing in the Classroom; Asian Journal of Agricultural Extension, Economics & Sociology; ASME Innovation Showcase 2020; CHI; EPIC; European Conference on Information Systems; Free Knowledge; Future Food Institute; Grace Hopper Celebration of Women and Computing; Humanitarian OpenStreetMap Annual Conference, IEEE Global Humanitarian Technology Conference; Information Technology and People; IFIP WG 8.2 (Information Systems and Organization), 9.1 (ICT and work) and 9.4 (Social implications for computers in Developing countries); INTERACT; Interacting with Computers; International Conference on Intercultural Collaboration; International Conference for Transformations in Engineering Education; International Multiconference on Computer Science and IT;

International Symposium on Technologies for Social Advancement; Journal of Contingencies and Crisis Management; mLife; NSF ADVANCE; SIGDEV

Teaching

Student Evaluation Scores: Average 5.6 over 25 classes; 6.0-point scale. No score lower than 5.

Courses

- SSIR 1010: Social Entrepreneurship and Sustainability/Human Centered Design
- GEEN 1440: Sustainable Engineering
- ATLS 5210: Global Development I – Theories, Policies and Institutions
- ATLS 5220: Global Development II – Current Topics in Sustainable Development
- ATLS 5230: Case Studies in ICTD
- ATLS 5240: ICTD Project Laboratory
- ATLS 5250: Practitioner Fieldwork Methods
- ATLS 6910: MS-ICTD Practicum

Advising (Chair)

- Ph.D. – Hasib Ahsan , 2022 IT University of Copenhagen
- Ph.D. – Leslie Dodson, 2014 (co-chair) -- Information System for equitable fog water distribution (funding: American Institute for Maghrib Studies, NSF)
- Ph.D. – Heather Underwood, 2014 (co-chair) -- [PartoPen](#) (funding: NSF Graduate Fellowship, Bill and Melinda Gates Foundation)
- M.S. – Mahmoud Al Juhani, 2011
- Advisor for over 40 MS-ICTD students
- B.A. Honor's Undergraduate -- Sarah Bensreiti, 2012

Advising (Committee member)

- Ph.D. – Shikoh Gitau, 2013 (University of Cape Town); Elisa Teipel, 2014; Aaron Brown, 2015; Leah Teeters, 2015; David Espinoza, 2016; Kyle Karber, 2017
- M.S. – Devon Wilton, 2013; Michael Bauer, 2013
- M.A. – Lauren Seaton, 2011; Brett Labbe, 2010
- Honor's Undergraduate -- Carolyn Foster, 2012; Rachel Strobel, 2011; Maryam Gooyabadi, 2010

Consulting/Partnerships

ACM-W, Amplio Network, Asia Pacific Women's Information Network Center, ASEAN, Ashoka Changemakers, Bill and Melinda Gates Foundation, CARE, Global Women's Technology Collaboration, Headlight Consulting, IEEE, Information Society Innovation Fund, Intel, Microsoft, National Center for Women and IT, NORC, SIGDEV, UNESCO, UNDP, UN Programme on Governance, UNICEF, UN Women, US Department of State, US Department of Defense, USTTI, WISAT, several local and regional NGOs and CBOs worldwide

Memberships

4S, AAG, ACM, ACM-W, AIS, HDCA, IEEE, IDIA, SIGCAS, SIGDEV