

# SCOTT D. MAINWARING

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## PROFILE

- 20-year experience in corporate/academic human-centered technology research
- Lead individual studies, multi-year research programs, and research institutes
- Proficient in ethnographic, design, and quantitative methods; conducted fieldwork in US, UK, Japan, China, S Korea, Mexico, Morocco, Kenya, and S Africa
- Research interests in social and ubiquitous computing, digital money and payment systems, consumerization, privacy and trust, ICTs and development

## EDUCATION

- Stanford University: Ph.D. in Cognitive Psychology, 1994 (Advisor: Barbara Tversky)
- Harvard University: A.B. in Computer Science, 1985

## EMPLOYMENT

2000–2013 Intel Corporation, Hillsboro, OR

- *Co-PI, Intel Science and Technology Center for Social Computing, 2011–2013.* Defined, launched, and directed a five-university distributed research institute on the social and cultural construction of technology. Crafted mission statement and research themes to tie together multidisciplinary researchers from Informatics, Anthropology, and Media Studies. Created sponsorship framework to create conversations between academics and Intel researchers, and venues for graduate students to present work in progress and build community. Oversaw operations, working closely with co-PIs, Profs. Paul Dourish (Informatics) and William Maurer (Anthropology) at UC Irvine.
- *Senior Research Scientist, 2002–2013.* Lead research projects on rural broadband adoption, resistance to ubiquitous infrastructure, home architecture and within-home mobility, digital wallets and urban mobility, mobile money innovation, social forces in ICT-based development projects, and vibrant personal media. Awarded and coordinated multi-year research grants to academic experts on community, privacy, and trust. Served as interim lab director, People and Practices Research group in 2006. Co-organized workshops at Intel, UC Irvine, and the CHI and Ubicomp conferences on a range of topics. Supervised PhD candidates in internship projects.
- *Research Scientist, 2002–2013.* Lead research projects on broadband connected homes, personal digital media, and home media server field trials. Collaborated with market researchers and designers.

1994–2000 Interval Research Corporation, Palo Alto, CA

- *Member, Research Staff.* Research foci included online communities, information appliances, demographic opportunities around aging Baby Boomers, and interactive television services. Awarded patents on shared media-space systems. Served on internal institutional review board for human studies.

## SELECTED PEER-REVIEWED PUBLICATIONS

- Shklovski, I., Mainwaring, S.D., Hrund Skúladóttir, H., and Borgthorsson, H. 2014. **Leakiness and creepiness in app space: Perceptions of pivity and mobile app use**. In CHI 2014. (CHI is the ACM Conference on Human Factors in Computing Systems.)
- Dourish, P. and Mainwaring, S.D. 2012. **Ubicomp's colonial impulse**. In UbiComp 2012. (UbiComp is the Conference on Ubiquitous Computing.)
- Mainwaring, S.D., March, W., and Maurer, B. 2008. **From *meiwaku* to *tokushita!*: Lessons for digital money design from Japan**. In CHI 2008. [Best paper/note award]
- Wang, Y. and Mainwaring, S.D. 2008. **"Human-Currency Interaction": learning from virtual currency use in China**. In CHI 2008.
- Mainwaring, S.D., Anderson, K., and Chang, M.F. 2005. **Living for the global city: Mobile kits, urban interfaces, and ubicomp**. In UbiComp 2005.
- Mainwaring, S.D., Anderson, K., and Chang, M.F. 2005. **What's in your wallet?: Implications for global e-wallet design**. In CHI Extended Abstracts 2005.
- Mainwaring, S.D., Anderson, K., and Chang, M.F. 2004. **Infrastructures and their discontents: Implications for ubicomp**. In UbiComp 2004.

## OTHER SELECTED PUBLICATIONS

- Mainwaring, S.D. and Dourish, P. 2012. *The Intel Science and Technology Center for Social Computing*. Published as anonymous Intel Labs whitepaper.
- Maurer, B. and Mainwaring, S.D. 2012. **Anthropology with business: Plural programs and future financial worlds**. *Journal of Business Anthropology*, 1(2), 177-196.
- Kuriyan, R., Kitner, K., Mainwaring, S., and Nafus, D. 2010. *Reassessing ICTs and Development: The Social Forces of Consumption*. Research report released at 2010 World Congress on Information Technology (WCIT).
- Mainwaring, S. 2010. **Real money and its alternatives**. In Cliver, M. (Ed.) *New Organizational Models: Open-Source Financial Services Research* (pp. 42-43). Released at 2010 Ethnographic Praxis in Industry Conference (EPIC).
- Maurer, W. M. and Mainwaring, S.D. 2009. *The value of mobile banking, models, and methods: Can you hear me now?* Annual Meeting of the American Anthropological Association, 2009.
- Mainwaring, S.D. and George, C. 2008. *Navigating future moneyscapes* (video and booklet). Distributed at the Intel Developers Forum (IDF), San Francisco, 2008.

## PROFESSIONAL SERVICE

- Reviewer for CHI, CSCW (ACM Conference on Computer-Supported Cooperative Work), UbiComp, and EPIC conferences. Program Committee member, EPIC 2014, DIS 2014, CHI 2013, UbiComp 2013. Workshops Co-Chair, CSCW 2011. Publications Co-Chair, CSCW 2002. Electronic Publishing Chair, CSCW 2000, CSCW 1998, CSCW 1996.
- External Advisory Board Chair, Institute for Money, Technology, and Financial Inclusion (IMTFI), UC Irvine, 2008-present.

## ADDITIONAL INFORMATION

- For complete publications, presentations, workshops organized, patents awarded, and interns supervised, please see [scott.mainzone.com/mainwaring-cv.pdf](http://scott.mainzone.com/mainwaring-cv.pdf).
- Portland, Oregon based. Webmaster for the Portland Flag Assn ([portlandflag.org](http://portlandflag.org)).