

Publications: Conference Papers (Refereed)

2018

Oduor, E., Nyota, T, Wachira, C., Osebe, S., Sekou, R. and Walcott, A. (2018) **Medication Management Companion (MMC) for a Rural Kenyan Community**, *Conference Extended Abstracts on CSCW* New York, NY.

Oduor, E., Waweru, P., Neustaedter, C., Lenchner, J. (2018) *Practices and Technology Needs of a Network of Farmers in Tharaka Nithi, Kenya. Proceedings of the Conference on Computer Human Interaction* New York, NY, USA, ACM. (**Honourable Mention Award for CHI 2018, Paper ranked among the top 5% of 2500 submissions to the SIGCHI 2018 conference**).

2017

Kinai A., Marcus, I., Diriye, A. & **Oduor, E.** (2017). *Asset-Based Lending via a Secure Distributed Platform*. Proceedings of International Conference on Information and Communication Technologies and Development (ICTD). New York, NY, USA, ACM.

2016

Walcott-Bryant, A., Tatsubori, M., Bent, O., Bryant, R., **Oduor E.**, Omondi, S., Osebe, S. & Wamburu, J. (2016) *Swerving to Avoid Nairobi's Potholes: Context-based Driver Behavior in Developing Cities*. IEEE 19th International Conference on Intelligent Transportation Systems (ITSC)

Oduor, E., Neustaedter, C., Odom, W., Tang, A., Moallem, N., Tory, M. & Irani, P. (2016) *The Frustrations and Benefits of Mobile Device Usage in the Home when Co-Present with Family Members*, Proceedings of the Conference on Designing Interactive Systems. (**Honourable Mention Award for DIS 2015, Paper ranked among the top 5% of all submissions**).

2015

Melvin, R., Bunt, A., **Oduor, E.** & Neustaedter, C. (2015) *The Effect of Signal Expense and Dependability on Family Communication in Rural and Northern Canada*, *Proceedings of the Conference on Computer Human Interaction*, New York, NY, USA, ACM.

2014

Hillman, S., Neustaedter, C., **Oduor, E.** & Pang, C. (2014) *User Challenges and Successes with Mobile Payment Services in North America*, *Proceedings of Mobile HCI*, New York, NY, USA, ACM.

Hillman, S., Neustaedter, C., **Oduor, E.** & Pang, C. (2014) *Mobile Payment Systems in North America: User Challenges and Successes*, *CHI '14 Extended Abstracts on Human Factors in Computing Systems* New York, NY, USA, ACM, 1909-1914.

Oduor, E., Neustaedter, C., Judge, T., Hennessy, K., Pang, C. & Hillman, S. (2014) *The Reasons Behind Kenyan Family Communication Patterns*, *GRAND Conference Research Note (2014)*.

Oduor, E., Neustaedter, C., Judge, T. K., Hennessy, K., Pang, C. & Hillman, S. (2014) *How Technology Supports Family Communication in Rural, Suburban, and Urban Kenya*, *Proceedings of the 32Nd Annual ACM Conference on Human Factors in Computing Systems* New York, NY, USA, ACM, 2705-2714.

Oduor, E., Neustaedter, C., Judge, T. K., Hennessy, K., Hillman, S. & Pang, C. (2014) *How Technology Supports Family Communication in Rural, Suburban, and Urban Kenya*, *Proceedings of the Conference on Computer Human Interaction (CHI)*.

2013

Forghani, A., **Oduor, E.**, Hillman, S. & Neustaedter, C. (2013) *Designing Video Communications for Families with Young Children*, *Proceedings of GRAND Conference*.

Hillman, S., Neustaedter, C., Pang, C. & **Oduor, E.** (2013) *"Shared joy is double joy": the social practices of user networks within group shopping sites*, *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*, 2417-2426.

Oduor, E., Neustaedter, C., Hillman, S. & Pang, C. (2013) *Family communication in rural and slum regions of Kenya*, *Proceedings of CHI Extended Abstracts on Human Factors in Computing Systems*, 847-852.

Oduor, E., Neustaedter, C., Venolia, G. & Judge, T. K. (2013) *The Future of Personal Video Communication: Moving Beyond Talking Heads to Shared Experiences*, *CHI '13 Extended Abstracts on Human Factors in Computing Systems* New York, NY, USA, ACM, 3247-3250.

Pang, C., Neustaedter, C., Riecke, B. E., **Oduor, E.** & Hillman, S. (2013) *Technology preferences and routines for sharing health information during the treatment of a chronic illness*, *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*, 1759-1768.

2012

Hillman, S., Neustaedter, C., Pang, C. & **Oduor, E.** (2012) *"Shared Joy is Double Joy": The Social Practices of User Networks Within Group Shopping Sites*, *Technical Report 2012-1023-01*, *Connections Lab*, *Simon Fraser University*, Surrey, BC, Canada, October.

2009

Oduor Erick Nelson Otieno, Anna Gryszkiewicz, Nihal Siriwardanagea, & Fang Chen. Concept for intelligent integrated system for crisis management *ISCRAM 2010-7th International Conference on Information Systems for Crisis Response and Management: Defining Crisis Management 3.0*, *Proceedings*, ISCRAM.

Publications: Technical Reports

Hillman, S., Neustaedter, C., **Oduor, E.** & Pang, C. (2014) *User Challenges and Successes with Mobile Payment Systems in North America*, *Connections Lab Technical Report 2014-0124-01*, *Simon Fraser University*.

Pang, C., Forghani, A., **Oduor, E.**, Neustaedter, C., Walker, I. & Robinson, D. (2014) *Reactions to Mixed Context Always-On Video for Connecting Close Personal and Work Contacts*, *Connections Lab Technical Report 2014-0120-01*, *Simon Fraser University*

Publications: Videos (Refereed)

Oduor, E. & Neustaedter, C. (2014) *The Family Room: A Multi-camera, Multi-display Family Media Space*, *Proceedings of the Companion Publication of the 17th ACM Conference on Computer Supported Cooperative Work and Social Computing* New York, NY, USA, ACM, 289-292.

Publications: Theses

Oduor, E. (2015) *Family Communication Technology Design in Rural and Low Income Parts of Kenya*. PhD Thesis, School of Interactive Arts & Technology, Simon Fraser University, January 2015.

Oduor E. (2010) *Concept for intelligent integrated system for crisis management*. MSc Thesis, Department of Applied IT, Chalmers University.

Publications: Workshop Organization (Peer Reviewed)

Oduor, E., **Neustaedter, C.**, Venolia, G., and Judge, T. (2013) 'The Future of Personal Video Communication: Moving Beyond Talking Heads to Shared Experiences', *Workshop in the Proceedings of the ACM Conference on Computer Human Interaction*, ACM Press, 4 pgs.

Neustaedter, C., **Oduor, E.**, Venolia, G. & Judge, T. K. (2012) *Moving Beyond Talking Heads to Shared Experiences: The Future of Personal Video Communication*, *Proceedings of the 17th ACM International Conference on Supporting Group Work* New York, NY, USA, ACM, 327-330.

Publications: Workshop Papers (Peer Reviewed)

Oduor, E. & Neustaedter, C. (2012) *The Village Media Space: The Initial Design of an Asynchronous Media Space for Developing Countries*, *Workshop on Beyond Talking Heads*, GROUP Conference.

Neustaedter, C., Judge, T., Hillman, S., Oduor, E., and Pang, C. (2012) Connecting Families through Technology, In *ACM CHI 2012 Workshop on Technologies for Today's Families*. Organized by Jerry Fails, Mona Leigh Guha, Michael Horn, and Sara Isola, 4 pages.

Patent Applications Filed

A SYSTEM AND METHOD FOR CONTEXT-BASED DRIVER BEHAVIOR SCORING.
Disclosure YOR820152218, Docket YOR920160109KE1.

External Presentation and Talks

March 2017 **IBM Design Thinking Workshop**, Safaricom Academy, Nairobi, Kenya

May 2018 **Application of HCI Research in ICTD Settings Lecture**, Catholic University of East Africa, Nairobi, Kenya

March 2017 **IBM Design Thinking Workshop**, Safaricom Academy, Nairobi, Kenya

Dec 2016 **Technology use in the management of Water Resources in Arid and Semi-Arid Northern Kenya**, IBM Research Yorktown Heights, NY, USA.

Sept 2015 **Safaricom AppWiz Competition**, Strathmore University, Nairobi, Kenya

May 2013 **Design of Communication Technology**, Microsoft Research Bangalore, India

Service: Conference Organization and Review Committees

2017 – Present: Associate Chair, Human Factors in Computing (CHI)

2016 - 2017 Demo Co-Chair & Reviewer, African conference for HCI (AfriCHI)

2015 - 2017 Reviewer, Intl Conf. on Information & Comm. Technologies and Dev. (ICTD)

2012 - Present: Reviewer, ACM Conference on Computer-Human Interaction (CHI)

2012 - Present: Reviewer, ACM Conference on Designing Interactive Systems (DIS)

2012 - Present: Reviewer, ACM Conf. on Computer Supported Collaborative Work (CSCW)

Selected Awards and Scholarships

2014 - Simon Fraser University, Graduate International Travel Awards (GIRTA) \$6250

2014 - Simon Fraser University, President's PhD Scholarship \$6250, per semester.

2013 - Simon Fraser University, Graduate Fellowship funding \$3125, per semester.

2012 - Simon Fraser University, Graduate Fellowship funding \$6250, per semester.

2011- Simon Fraser University, Graduate Fellowship funding \$6250, per semester.

2010 - Chalmers University, Conference attendance funds, per trip.

2003 - 2007 Lee University, Cleveland, TN. Athletic scholarship, \$60,000 for four years.

Organizational Memberships

2017- Present: Program Member (AfriCHI)

2011 – Present: Association for Computing Machinery (ACM)

2011 – Present: Special Interest Group on Human Interaction (SIGCHI), ACM

2007 – Present: Project Management Institute (PMI)