

NORAH ABOKHODAIR

Curriculum Vitae

<http://norahak.com>

RESEARCH STATEMENT

I'm an applied social scientist working in the field of human-computer interaction, emergent and pervasive computing and social media. My research spans two areas: the first one is information system design with focus on invisible (understudied) users, and the second one is social computing systems design and policy with focus social bots. Overall, my research reflects my strong passion for understanding people's social and collaborative interactions in their everyday digital and physical contexts with the goal of designing and evaluating collaborative, social, and inclusive technologies. I combine my experience conducting and designing research projects, my expert knowledge of qualitative methods, and my multilingual and cross-cultural background to turn complex ideas and results to actionable insights.

EDUCATION

Ph.D. in Information Science

University of Washington, Seattle, USA (Expected June 2017)

Dissertation: A Cross-Sectional Study to Understand How Transnational Saudi Arabian Youth Use Facebook and Experience Privacy and Identity

Advisor: David Hendry

Committee: Katie Davis, Elizabeth Churchill, David McDonald

M.S. in Information Management (MSIM)

University of Washington, Seattle, USA, 2011

Focus: Information Assurance

Thesis: Vendor-Hosting vs. Cloud-Hosting Consultation for University-Wide Public and Occupational Health Services Delivery

B.S. in Computer Science

King Saud University, Riyadh, Saudi Arabia, 2006

PROFESSIONAL EXPERIENCE

Research Associate, Qatar Computing Research Institute, Qatar 2015 – 2016.

Research Fellow, The Central European University, Hungary; Jan-Feb 2015.

Direct Sales Manager, DHL Express, Saudi Arabia 2007-2009.

PUBLISHED WORK

Peer Reviewed Conference Papers

- Hendry, D., **Abokhodair, N.**, Kinsley, R., & Woelfer, J. (Accepted). University District Job Cop: Community Members' Perceptions of an Envisioned Employment System for Homeless Young People. Manuscript submitted for publication.
- Al Dawood, A., **Abokhodair, N.**, El Mimouni, H., Yarosh, S. (2017). Against Marrying a Stranger: Marital Matchmaking Technologies in Saudi Arabia. *Proceedings of the ACM Conference on Designing Interactive Systems (DIS '17)*. ACM Press.
- Abokhodair, N.**, Hodges, A., Vieweg, S. (2017). Photo Sharing in the Arab Gulf: Expressing the Collective and Autonomous Selves. *Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW)*. ACM Press. ***Honorable Mention**
- Walid Magdy, Kareem Darwish, **Norah Abokhodair**. (2016). #ISISisNotIslam or #DeportAllMuslims? Predicting Unspoken Views. In *Proceedings of the ACM conference on Web Science (WbSci'16)*. Germany.
- Abokhodair, N.**, Alabbar, S., Vieweg, S., Mejova, Y. (2016). Privacy and Twitter in Qatar: Traditional Values in the Digital World. In *Proceedings of the ACM conference on Web Science (WbSci'16)*. Germany.
- Abokhodair, N.**, Vieweg, S. (2016). Privacy & Social Media in the Context of the Arab Gulf. In *Proceedings of the biennial ACM Designing Interactive Systems (DIS'16)*. Brisbane, Australia.
- Walid Magdy, Kareem Darwish, **Norah Abokhodair**. (2015). Quantifying Public Response towards Islam on Twitter after Paris Attacks. ARXIV: <http://arxiv.org/abs/1512.04570>
- Abokhodair, N.**, Yoo, D., McDonald, D. (2015). Dissecting a Social Botnet: Growth, Content and Influence on Twitter. In *Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW 2015)*. ACM Press, 2015.
- Dehlawi, Z., **Abokhodair, N.** (2013) Saudi Arabia's Response to Cyber Conflict: A case study of the Shamoon malware incident. In *Proceedings of IEEE International Conference on Intelligence and Security Informatics (ISI)*. 4-7 June 2013.
- Gomez, R., **Abokhodair, N.**, Bayo, I., & Park, M. (2013). Computer Training to Empower Day Laborers: A Heat Map to Address Emotional Barriers and Technical Skills. In *Proceedings of the 46th Hawaii International Conference on System Sciences (HICSS)*, 7-10 Jan. 2013.
- Baron, L.F., **Abokhodair, N.**, Garrido, M. (2013). Human and Political Grievances for Mobilization: Different roles of Facebook during the Egyptian Arab Spring. In *Proceedings of the 12th International Conference on Social Implications of Computers in Developing Countries*, Montego Bay, Jamaica, May 2013.
- Abokhodair, N.**, Taylor, H., Hasegawa, J., & Jones Mowery, S. (2012). "Heading for the Clouds?" Implications for Cloud Computing Adopters. In *Proceedings of the American Conference on Information Systems (AMCIS)*. Paper 6.
- Conference Posters, Extended Abstracts, & Invited Presentations**
- Abokhodair, N.** (Submitted) Culturally Sensitive Design for Privacy: A case study of the Arabian Gulf. *Position paper submitted to attend CHI'16 workshop "Bridging the Gap between Privacy by Design and Privacy in Practice."*

- Abokhodair, N.,** Vieweg, S. (Submitted) Spatial & Social Connectedness in the Arabian Gulf: How to connect when connection is forbidden. *Position Paper submitted to attend CSCW16' workshop "Where did my Office go? Is it in the Cloud!?" – Workshop on Spatial and Social Connectedness in Virtual and Mediated Environments.*"
- Abokhodair, N.** (2015). Automated Actors Online: Algorithms and Bots Panel. *Society for Social Studies of Science (4S)*, Denver, USA.
- Abokhodair, N.,** Woolly, S., Howard, P., McDonald, D. (2015). Architecture for Understanding the Automated Imaginary: A Working Qualitative Methodology for Research on Political Bots. *Internet Research 16.0 Conference (AoIR 16)*
- Abokhodair, N.,** Yoo, D., (2015). Dissecting a Social Botnet: Growth, Content and Influence on Twitter. *The ACM Conference on Computer-Supported Cooperative Work CSCW 2015*, Vancouver, CA.
- Abokhodair, N.** (2015) Summary of my Research. *Blogs and Bullets Workshop*. Hosted by PeaceTech Lab, George Washington University, and the Program on Liberation Technology, Stanford University. March 6, 2015
- Abokhodair, N.** (2015) Transmigrant Saudi Arabian Youth and Social Media: Privacy, Intimacy and Freedom of Expression. *In Proceedings of the 33rd Annual ACM Conference Extended Abstracts on Human Factors in Computing Systems (CHI EA '15)*. ACM, New York, NY, USA, 187-190. DOI=10.1145/2702613.2702629 <http://doi.acm.org/10.1145/2702613.2702629> [Doctorial consortium paper]
- Abokhodair, N.,** Yoo, D., (2014). Growth of a Social Botnet on Twitter. *The Information School Research Fair*, Seattle, WA, USA
- Garrido, M., Baron, L.F., **Abokhodair, N.** (2013). XI Congreso Espanol de Sociologia. Crisis y Cambio Propuestas desde la Sociologia. July 10-12, Madrid, Spain
- Abokhodair, N.,** Baron, L.F., Garrido, M. (2012). Different roles of Facebook during the Egyptian Arab Spring. *Presentation at the Computer Science Department Change Meetings*. Nov 30, Seattle, WA, USA
- Abokhodair, N.,** Alva, A., (2012) "Cyber Fratricide: A Literature Review". *7th International Conference on Information Warfare and Security ICIW-2012*, Seattle, WA, USA
- Garrido, M., **Abokhodair, N.,** Maziad, M., Lysenko v., (2013) "'Appropriating" Facebook: The trajectory of Egypt's April 6th Movement through the lens of a social networking site". *Internet Research 13.0 Conference (AoIR 13)*, Manchester, UK

Book Chapters

Maziad, M., **Abokhodair, N.,** Garrido, M., (2017) The Road to Egypt's Tahrir Square: Social Movements in Convergence, Coalitions and Network. In Gordon, S. R. (Ed.), *Online Communities as Agents of Change and Social Movements*.

RESEARCH EXPERIENCE

Research Associate, Qatar Computing Research Institute, Qatar 2015-2016

Research Assistant, Dept. of Communication, University of Washington, Seattle, 2014-2015
Project: Computational Propaganda and The Production/Detection of Bots

Research Assistant, Information School, University of Washington, Seattle, WA; 2014
Project: University District Job Co-op: Community Members' Perceptions of an Envisioned Employment System for Homeless Young People

Student Researcher, *Design Kit: Human-Centered Design*, Acumen+ & DEO.org; 2014
Project: Healthier Food Options for Homeless Adults in the Seattle Area

Research Assistant, Information School, University of Washington; 2013
Project: Computer Training to Empower Day Laborers in Seattle

Research Assistant, Technology & Social Change Group, University of Washington; 2012
Project: Youth, ICTs, and Democracy in Egypt

Research Assistant, Center for Information Assurance & Cybersecurity, University of Washington, Seattle, WA, 2011
Project: King County Public Health Department study on SMS Risk Analysis

AWARDS, GRANTS, SCHOLARSHIPS, & FELLOWSHIPS

Honorable Mention (ACM Computer-Supported Cooperative Work and Social Computing)
Abokhodair, N., Hodges, A., Vieweg, S. (2017). Photo Sharing in the Arab Gulf: Expressing the Collective and Autonomous Selves.

Grace Hopper and The Anita Borg Institute Award, June 2016

National Science Foundation Grant, \$218,825, Award# 1450193, EAGER: Computational Propaganda: The Production/Detection of Bots. 2014-2016 (Co-writer of the grant.)

King Abdullah Foreign Full Ride Scholarship, Ministry of Higher Education, Saudi Arabia, 2012- 2016

Center for Media, Data and Society Fellowship, Public Policy School at the Central European University, Hungary, \$2,000, 2015

Association for Computing Machinery Doctoral Consortium Award, \$2,500, 2015

Fulbright Science and Technology Award, full ride scholarship, 2009-2011

ADDITIONAL EDUCATIONAL & PROFESSIONAL ACTIVITIES

Workshop on Internet of Things (IoT): Designing for Human Values, DIS'16, Brisbane, Australia, 2016.

Summer Doctoral Programme, Oxford Internet Institute, University of Oxford, Oxford, UK, July, 2015.

Doctoral Consortium, The ACM Conference on Human Factors in Computing Systems (CHI), Seoul, Korea, May, 2015.

Doctoral Colloquium, Association of Internet Researchers (AoIR), Daegu, Korea, October, 2014.

Design Kit: The Course for Human-Centered Design, Acumen+ & IDEO.org, December 2014

Alene Moris National Education for Women's Summer Leadership Institute, University of Washington Women's Center, July 2013

Certified Information Assurance Professional, Center of Information Assurance and Cybersecurity, University of Washington, Seattle, June 2010

ACADEMIC TEACHING

Teaching Assistant, Information School, University of Washington, Seattle, WA

- Capstone: Graduate Project Planning & Implementation (Winter – Spring 2017)
- Management of Information Organization (Autumn 2016, Autumn 2011)
- Information Systems Analysis and Management (Winter 2013)
- Research Methods in Informatics (Autumn 2013)
- Capstone: Undergraduate Project Planning and Implementation (Winter – Spring 2014)
- Information Architecture Series (Spring 2012)

MEDIA COVERAGE

Pew Research Center (2017), The Future of Free Speech, Trolls, Anonymity and Fake News Online ([link](#)).

The New York Post (2017), The trolling has only just begun ([link](#)).

CNN (2016), Social media users denounce #StopIslam trend after attack ([link](#)).

UW Today (2016), Study: Most tweets following fall Paris attacks defended Islam, Muslims.

Desmog (2016), Did an Industry Front Group Create Fake Twitter Accounts to Promote the Dakota Access Pipeline?

ORGANIZED WORKSHOPS & INVITED PANELS

Co-organizer, CHI 2017 SIG Meeting on Human-Computer Interaction across the Arab World, Denver US, 2017.

Co-organizer, DIS 2017 Workshop on Designing for the Arab World, Edinburgh UK, 2017.

Invited Panelist, *Design.Use.Build.* (DUB) Retreat: Summer schools and Doctoral Consortium Panel, University of Washington, Seattle, 2016.

Invited Panelist, CHI Doctoral Consortium 2015: Networking and Mentorship Panel, CHI'16, San Jose, USA, 2016.

Organizer and presenter of the workshop title “Design for Human Values”, Qatar Computing Research Institute. Doha, Qatar. October 2015

Organizer and presenter of the workshop titled “Networking and Mentorship”, Saudi Student Club, Seattle, USA. July 2013 and February 2014.

PROFESSIONAL ACADEMIC SERVICE

University Leadership Roles

Students Representative, PhD Admissions committee, The Information School, UW, 2015- 2016

Students Representative, PhD Leadership committee, The Information School, UW, 2013- 2015

Reviewing

The 2016 International Conference on Information Systems (ICIS)

The ACM Conference on Human Factors in Computing Systems (CHI): Full papers, posters, and late breaking work during 2015, 2016, 2017.

The ACM Conference on Computer-Supported Cooperative Work & Social Computing (CSCW): Posters and work in progress during 2015, 2016.

The Annual Americas Conference on Information Systems (AMCIS): Full and short papers during 2015.

The Association of Internet Researchers (AoIR): abstracts 2014-2016.
WebSci Conference

Mentoring

Arab Women in Computing (Arab WiC) STEM collage program; *New Leadership Puget Sound* – Women Center Mentor; *iDiversity* Ambassadors for Ph.D. in Information Science

PROFESSIONAL MEMBERSHIPS

The Anita Borg Association; Association of Internet Researchers; Arab Women in Computing – Saudi Arabia Chapter; Association for Computing Machinery (ACM); Value Sensitive Design Lab; Political Bots - politicalbots.org; Fulbright Association - Greater Puget Sound Chapter