Nikki L. Stevens
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Education

2017-2022   Arizona State University
Ph.D., Human and Social Dimensions of Science and Technology
Dissertation: *Modeling Power: Data Models and the Production of Social Inequality*

2009   University of Hawai`i, Mānoa
M.Ed., Educational Foundations
Graduate Certificate, Women's Studies
Thesis: Grassroots Feminist Organizing: A Model for Informal Education

2000   University of Nevada, Las Vegas
B.S.B.A. (with honors), Management Information Systems

Publications

Wernimont, Jacqueline and **Nikki L. Stevens.** "From Lab to Cooperative: A Feminist Infrastructural Reimagining." *Feminist Digital Humanities* (forthcoming).

Stevens, Nikki L., Anna Lauren Hoffman, Sarah Florini. "The Unremarked Optimum: Whiteness, Optimization, and Control in The Database Revolution." *Review of Communication*. June 2021.

Stevens, Nikki L. and Os Keyes. "The Domestication of Facial Recognition Technology." *Cultural Studies*. March 2021

Stevens, Nikki L. "Dataset Failures and Intersectional Data." *Journal of Cultural Analytics*. March 2019.

Stevens, Nikki L. and Jacqueline Wernimont. "Seeing 21st Century Data Bleed through the 15th Century Wound Man.*" IEEE Technology and Society*. December 2018

Grants

Neukom Institute Grant. "Trace" (Co-author & researcher), $20,000

Awards and Honors

2020   Google "Women Techmakers" Scholarship ($10,000)

2019   Champion of the Future Award, Arizona State University
2018   Institute for Humanities Research Graduate Fellow, Arizona State University
2018   RedHat Women in Open Source Awards Finalist
2018   Sackler Symposium Student Fellow
2018   Computing Research Association Women's Cohort
2018   HASTAC 2017-2019 Student Fellow
2018   Human and Social Dimensions of Science and Technology Doctoral Advancement Award
2017   Aaron Winborn Award for Outstanding Community Service (Drupal)
2017   Open Source Summit Travel Scholarship and Grant ($3500)
2017   Trans*Hack Scholarship

Popular Media (editor reviewed)

Keyes, Os, Nikki L. Stevens and Jacqueline Wernimont. "The Government is Using the Most Vulnerable People to Test Facial Recognition Software" Slate.com, March 17, 2019. https://slate.com/technology/2019/03/facial-recognition-nist-verification-testing-data-sets-children-immigrants-consent.html (33%)

Popular Media

Hanna, Alex, Nikki L. Stevens, Os Keyes, and Malia Ahmed. "Actually, We Should *Not* All Use They/Them Pronouns." May 3, 2019. https://blogs.scientificamerican.com/voices/actually-we-should-not-all-use-they-them-pronouns/ (25%)

Invited Talks

Stevens, Nikki L. February 2022. Applied Trans Technology Symposium. Center for Applied Transgender Studies. (remote).

Stevens, Nikki L. June 2020. Keynote. Enthusiasticon 2020. Berlin, Germany (remote due to Covid-19)

Stevens, Nikki L. March 2020. "Cultivating a Critical Technology Practice." Critical Choreographies. Brown University.

Stevens, Nikki L. April 2019. "Collecting Demographic Data in Software Engineering Communities. Stack Overflow.

Stevens, Nikki L. February 2019. "Critical Data and Critical Mathematics." San Francisco State University Math Club.

Stevens, Nikki L. 2018. Keynote. "Breaking the Binary: The Politics of Code and Inclusivity in Technology" Drupal TexasCamp. Austin, TX.

Stevens, Nikki L. 2016. Keynote "Drupal as a model for inclusion." DrupalCamp Costa Rica. San Jose, CR.

Stevens, Nikki L. 2014. "Empowering Women in Business." Engineering speaker at Philippines Consulate. New York, NY.

Stevens, Nikki L. 2013. "Women Talk Tech." Bloomberg Center for Communications. New York, NY.

Stevens, Nikki L. 2013. "Lessons Learned: Overcoming Our Mistakes." Presentation given at Facebook Tech Events. New York, NY.

Stevens, Nikki L. 2013. "#techinmotion. Struggles of Women in Technology." New York, NY.

Conference Presentations and Posters

Stevens, Nikki L. "Resisting False Relationality: Reification, Generalization and Decontextualization as Barriers to Kin Connection Through Databases." October 6, 2021. 4s (Society for Social Studies of Science) conference (online due to COVID-19).

Stevens, Nikki L. "Inequalities and Digital Labor." March 26, 2021. STGlobal conference (online due to COVID-19).

Slupska, Julia, Rys Farthing, and Nikki L. Stevens. February 17, 2021 "Movement 1". The Fourteenth Workshop on the Social Implications of National Security (online due to COVID-19)

Fleet, Chancey, Nikki L. Stevens, Berhan Taye and Mark A. Vasquez. November 12, 2020. "Designing Without the -Isms: How Tech Inclusion Benefits Society" IEEE International Symposium on Technology and Society (online due to COVID-19)

Brock, André, Sarah Florini, Catherine Steele, Miriam E. Sweeney, Nikki L. Stevens, Kishonna Gray. November 10, 2019. "Cultural Identity, Collective Action, and Critical Data: Future Directions at the Intersection of Media Studies and Digital Humanities." American Studies Association. Honolulu, HI.

Stevens, Nikki L., Molly Morin, Liz Lessner and Jason Barrett-Fox. July 23-26, 2019. "Co-creating Affect: Towards an Ontology of Joy." Association for Computers and the Humanities. Pittsburgh, PA.

Stevens, Nikki L. May 18, 2019. "Hidden Surveillance and Affective Power of Data." HASTAC. Vancouver, BC.

Stevens, Nikki L. February 2, 2019. "Who's a Good Ploy: Hidden Surveillance in Animal Lives." Digital Humanities Utah 4. Weber State University, Ogden, Utah

Karwat, Darshan M.A., Nikki L. Stevens and Jorge Morales. April 26, 2018. "Understanding environmental and energy justice communities' science and engineering needs." National Environmental Justice Conference and Training Program. Washington, DC.

Stevens, Nikki L. March 10, 2018. "Inclusivity in Data Lifecycles." Sackler Student Fellows Symposium. Washington. DC.

Wernimont, Jacqueline and Nikki L. Stevens. Keynote, March 1-3, 2018. "Safe Harbor: Art, an Ethics of Care, and Californian Eugenics" Archives Against Amnesia, Obermann Center for Advanced Studies, University of Iowa, Iowa City Iowa.

Hippensteele, Susan, Nikki L. Stevens and Kathryn Xian. June 17, 2006. "Grassroots activist feminisms and their community impacts." National Women's Studies Association Meeting, Oakland, CA.

Conference Discussant

Discussant. "Contested Data Workshop." March 2020. Data & Society. New York, NY.

Respondent. "Intimate Surveillance." AMRO 2020. June 2020. Online due to COVID-19.

Research Experience

Research Associate   Dartmouth College   6/19 - present
>   Developing data visualizations and data analysis of 118-million record dataset
>   Assisting grant writing
>   Creating large-scale interactive data viseralization

Research Associate   Arizona State University   8/17 - 6/19
>   Developed custom sonification and haptification of 22,000-record dataset using
>   SuperCollider and haptuators (with Jacqueline Wernimont)
>
>   Developed community-centered, benefits-first interview methodology for
>   community activist groups (with Darshan Karwat)
>   Surveillance and data ontology research (at Institute for Humanities Research)

Diversity and Inclusion Consultant   Mozilla   2017
>   Lead designer of quantitative survey of Mozilla community (500+ respondents)
>   Conducted, coded and synthesized qualitative interviews with open source
>   community leaders

Recent Post-Secondary Teaching Experience

Instructor   *Arizona State University*   2021-present
Courses Taught: The Moviegoer's Guide to the Future

                                              Arizona State University
Graduate mentor   *SFIS Undergraduate Research Program*   2018-2019

Instructor   *Platt College*   2016-2017
Courses Taught: Introduction to Math Fundamentals

Instructor   *Hawai`i Business College*   2004-2006
Courses Taught: Introduction to Algorithms, Advanced Algorithms for Web
Programming, Mathematics Fundamentals for Computing, Business Technology
Communication

Instructor   *Remington College*   2000-2004
Courses Taught: Introductory Algorithms, Advanced Algorithms, Data Modeling
Fundamentals, Introduction to Computer Networking, Fundamentals of Computing
Mathematics

Recent Post-Secondary Guest Lectures

2021   Sarah Florini, Arizona State University, "Sex and Data"
2021   Sarita Shonebeck, University of Michigan, "Algorithms and Society"
2021   CJ Valasek, University of California, San Diego, "Introduction to STS"
2020   Jenny Brian, Arizona State University, "Queer Bioethics"

Advising

2020   Alexa Ng, ASU Barret Honors College, Undergraduate Thesis

Technical Digital Projects

2018   San Francisco Health Services System. ($250k project). Technical
              Lead/Chief Architect.
2017   San Francisco Public Library. ($1m project). Technical Lead/Chief
              Architect, managing 12 developers.
2016   Neurohacker ($25,000 contract).
2016   American Girl ($1.5m project). API designer v1.
2016   Sanford Burnham Prebys. ($500,000 build) Technical Architect, Lead
              Developer, managing 4 developers.
2015   DietBet. Technical Manager for web and mobile apps.
2015   Memorial Sloan Kettering. ($250,000 project) Technical Architect.
2015   Redhat.com. Senior Software Engineer.
2013   Coca-Cola ($3m contract). Technical Consultant on multi-screen World
              Cup experience.

2013	Sony ($150,000 project). Architect and Lead Developer on TweetSinger.com
2013	Sony Mobile. ($250,000 project). Architect on Instagram partnership.
2012	AmericansElect.com. ($3m project) Lead Developer, managing 9 developers.
2011	National Enquirer. Performance Consultant.
2011	Global Grind. High-traffic performance tuning.
2011	LinkedIn ($8,000 contract) Geolocation tuning.
2011	Dove ($5,000). Performance and geolocation tuning.
2010	Major League Soccer (18 month contract). Architect/Lead Developer on all MLS sites migrating to Drupal 6 multi-site.
2007-2010	DivX.com. Lead Developer, managing team of 4 developers.
2008	San Diego Airport Authority ($15,000 project). Developer and Architect.
2008	National Foundation for Autism Research ($7,000 project). Architect for site rebuild.
2008	Viejas Casino. Performance Consultant.

Digital and Creative Work

Nikki L. Stevens, Jacqueline Wernimont, Christiana Rose. *Trace.*

Wernimont, Jacqueline and Nikki L. Stevens. *Anatomies for Quantified Life.*

Wernimont, Jacqueline and Nikki L. Stevens. *Wound Person.*

Rose, Christiana, Nikki L. Stevens, Jacqueline Wernimont. *Heart Monitor*.

Stevens, Nikki L. *STSThoughts.*

Recent Technology Industry Experience

Senior Technical Architect   Kanopi Studios   2016 - 2019
Client-facing technical lead handing all technical communications, development timelines, deployment pipelines and processes; Technical architect on seven $250,000+ projects

Director of Engineering   MJD   2016
Expanded development team from 1 to 7 engineers and implemented continuing education and recruitment pathways; Created agency-wide Drupal 8 build/CI-testing pipeline with Vagrant, Probo.ci, and Bitbucket

Vice President of Engineering   WayBetter, Inc.   2015
Transitioned organization from outsourced to internal development, hired 6 developers and QA staff; Designed delivery pipeline, deployment, security policies and all technical roadmaps; Lead internal education program and diversity initiatives

Senior Software Engineer   Phase 2 Technology   2014-2015
Technical architect for Memorial Sloan-Kettering projects; Senior engineer for
Redhat.com relaunch

CTO   Yellowsmith   2013
Managed development, server architecture and deployment for ~$1m e-commerce site;
Designed UX and design for strategic rebrand and relaunch; Awards: InStyle Magazine
Best of the Web

Director of Engineering   Refinery29   2013
Directed team of 25+ local and remote engineers; Managed timelines and deliveries of
major brand integrations; Developed internal education system to advance careers of
junior developers

Lead Developer/Technical Architect   LBi   2011-2013
Lead developer for AmericansElect.com managing team of 16 engineers; Technical
architect for Coca-Cola, Sony, and SonyMobile projects. Awards: SXSW People's Choice:
Americans Elect; CLIO: Americans Elect; Digiday Sammy: Sony Mobile

Selected Technical Skills

LAMP stack (PHP 6+, SQL databases (mysql, percona) modeling and administration,
Apache configuration) development, Python, Ruby on Rails, vanilla JavaScript &
JAMstack development, AWS configuration, Drupal 6+

Selected Technical Presentations

Stevens, Nikki L. May, 2020. "Trans Drupal." DrupalCon Minneapolis. Online due to
COVID-19.

Stevens, Nikki L., Fatima Khalid, Marc Drummond, Tara King. April, 2018. "Drupal
Diversity and Inclusion." Conference Session in the Community Conversations track at
Drupalcon Nashville. Nashville, TN.

Stevens, Nikki L. 2017. "100 Ways to be an Ally." Drupalcon Baltimore. Baltimore, MD.

Stevens, Nikki L. Ruby Sinreich. 2017. "Lessons learned: diversity and inclusion
advocacy." Conference session at Drupalcon Baltimore. Baltimore, MD.

Stevens, Nikki L. 2016. "Dogooding 101." Conference session at BADCamp. San
Francisco, CA.

Stevens, Nikki L, Karyn Cassio. 2016. "Together we can be the model for diversity." Core
conversations conference session at Drupalcon New Orleans. New Orleans, LA.

Stevens, Nikki L. 2016. "Calling all white men." Conference session delivered at
SANDCamp, San Diego, CA.

Stevens, Nikki L. 2012. "How to create a diverse development teams." Presentation given at Drupal + 2 World Trade Center. New York, NY.

Service

2021	Journal of Intercultural Communication Research Reviewer
2021	ASU School for the Future of Innovation in Society Director Search Committee Member
2021	IEEE International Symposium on Technology and Society Paper Conference Reviewer
2020	FAccT Conference Reviewer
2019, 2021	Association for Computers and the Humanities Conference Reviewer
2019-2022	Convergence Reviewer
2019-2020	CTD Journal Reviewer
2019-2020	Arizona State University Graduate Professional Awards Reviewer
2019	Digital Humanities Quarterly Reviewer
2019	53rd Hawaii International Conference on System Sciences Reviewer
2019	STGlobal Conference, Student Submissions & Programming Track Chair
2018	Arizona State University Biodesign Institute Diversity Focus Group
2018	DrupalCon Nashville Community Summit organizer & lead
2018	DrupalCon Nashville Birds of a Feather lead
2018	Drupal Association Governance Focus Group Meeting
2018	Drupal Code of Conduct reviewer
2015-2017	Working Group Lead, Drupal Diversity & Inclusion Initiative
2015-2017	DrupalCon "Women in Drupal" organizer
2017	Drupal Governance Committee member
2017	DrupalCon Baltimore Birds of a Feather lead
2017	DrupalCon Baltimore Community Summit organizer and co-lead (with Kelly Albrecht)
2015	"Creating Inclusive Technology Events" community guide co-author
2015	"Who Makes The Web" survey coauthor and $20,000 grant manager
2013-2015	iMentor
2011-2013	Stonewall Quarter Share Board of Directors

Professional Associations

Society for the Study of Science (4s)
Association of Internet Researchers
Senior Global Futures Scientist, Julie Ann Wrigley Global Futures Laboratory, Arizona State University