



JENNA BURRELL
Professor

102 South Hall
Berkeley, CA 94720-4600

T 510-642-7548
F 510-642-5814
jenna@ischool.berkeley.edu

ischool.berkeley.edu/~jenna/

EMPLOYMENT

FULL PROFESSOR, SCHOOL OF INFORMATION, UC-BERKELEY, BERKELEY, CA * 2021 - PRESENT

INTERIM DIRECTOR OF RESEARCH, DATA & SOCIETY, 2021 - PRESENT

ASSOCIATE PROFESSOR, SCHOOL OF INFORMATION, UC-BERKELEY, BERKELEY, CA * 2013 - 2021

ASSISTANT PROFESSOR, SCHOOL OF INFORMATION, UC-BERKELEY, BERKELEY, CA * 2007 - 2013

EDUCATION

London School of Economics, London, UK — 2003-2007
PhD in Sociology

Cornell University, Ithaca, NY — 1997-2001
BA (with honors) in Computer Science
Areas of Concentration: Psychology, Organizational Behavior

PUBLICATIONS IN PROGRESS

Burrell, J. (book in progress) *Bypassed: Rural Resistance and Revival in the Digital Economy*

REFEREED BOOKS

Burrell, J. (2012) *Invisible Users: Youth in the Internet Cafés of Urban Ghana*. Cambridge, MA: MIT Press.

REFEREED JOURNAL ARTICLES

Burrell, J. and Marion Fourcade (2021) The Society of Algorithms. *Annual Review of Sociology*. 47: 213-237. Available <https://www.annualreviews.org/doi/abs/10.1146/annurev-soc-090820-020800>.

Kahn, Z and **J Burrell** (2021) A Sociocultural Explanation of Internet-Enabled Rural Work. *ACM Transactions of Computer-Human Interaction*, 28(3): 1-22.

Burrell, J. (2020) On Half-Built Assemblages: Waiting for a Data Center in Prineville, Oregon. *Engaging Science, Technology and Society*. Vol. 6. Available <https://estsjournal.org/index.php/ests/article/view/447>.

Jonas, A and **J. Burrell** (2019) Friction, Snake Oil, and Weird Countries: Cybersecurity Systems Could Deepen Global Inequality through Regional Blocking. *Big Data & Society*, 6(1). — (impact factor 4.577).

Burrell, J. (2018) Thinking Relationally About Digital Inequality in Rural America. *First Monday*, 23(4-6). Available at: <http://firstmonday.org/ojs/index.php/fm/article/view/8376/7421>.

Aker, J., I. Ghosh, and **J. Burrell**. (2016) The Promise (and Pitfalls) of ICT for Agriculture Initiatives. *Agricultural Economics*, 47(S1): 35-48.

Burrell, J. (2016) How the Machine 'Thinks': Understanding the Opacity of Machine Learning Algorithms. *Big Data & Society*, 3(1). — (impact factor 4.577) *** **in the top 3 most read and cited articles in the journal** ***

Burrell, J. (2016) Material Ecosystems: Theorizing (Digital) Technologies in Socio-Economic Development. *Information Technologies and International Development*, 12(1). Available at: <https://itidjournal.org/index.php/itid/article/view/1472>

Burrell, J. and E. Oreglia. (2015) The Myth of Market Price Information: Mobile Phones and The Application of Economic Knowledge in ICTD. *Economy and Society*, 44(2): 271-292.

Abridged version in M. Graham (Ed). (2019) Digital Economies at Global Margins. Cambridge, MA: The MIT Press.

Srinivasan, J. and **Burrell, J.** (2015) On the Importance of Price Information to Fishers and to Economists: Revisiting Mobile Phone Use Among Fishers in Kerala. *Information Technologies and International Development: *** Best of ICTD 2013 Special Issue ****

Burrell, J. (2014) Modernity in Material Form? Mobile Phones in the Careers of Ghanaian Market Women. *Review of African Political Economy*, 41(142): 579-593.

Burrell, J. (2012) Technology Hype Versus Enduring Uses: A Longitudinal Study of Internet Use Among Early Adopters in an African City. *First Monday*, 17(6). Available: <http://bit.ly/KYrbov>. (15% acceptance rate)

Burrell, J. (2011) User Agency in the Middle Range: Rumors and the Reinvention of the Internet in Accra, Ghana. *Science, Technology & Human Values*, 36(2): 139-159. (22% acceptance rate)

Burrell, J. (2010) Evaluating Shared Access: Social Equality and the Circulation of Mobile Phones in Rural Uganda. *Journal of Computer-Mediated Communication*, 15(2): 230-250. (2.4% acceptance rate)

Burrell, J. (2009) The Fieldsite as a Network: A Strategy for Locating Ethnographic Research. *Field Methods*, 21(2): 181-199. (34% acceptance rate)

Abridged version in Hjorth, L., H. Horst, A. Galloway, and G. Bell (2016) The Routledge Companion to Digital Ethnography. Routledge: London.

Burrell, J. and K. Toyama. (2009) What Constitutes Good ICTD Research? *Information Technologies and International Development*, 5(3): 82-94. (33% acceptance rate)

Burrell, J. (2008) Problematic Empowerment: West African Internet Scams as Strategic Misrepresentation. *Information Technologies and International Development*, 4(4): 15-30. (33% acceptance rate)

Burrell, J. and K. Anderson. (2008) "I Have Great Desires to Look Beyond my World:" Trajectories of Information and Communication Technology use Among Ghanaians Living Abroad. *New Media & Society*, 10(2): 203-224. (17% acceptance rate)

REFEREED CONFERENCE PAPERS

Burrell, J., Z. Kahn, A. Jonas, and D. Griffin (2019) When Users Control the Algorithms: Values Expressed in Practices on Twitter, in *proceedings of the ACM Computer-Supported Cooperative Work and Social Computing (CSCW) conference*. Austin, TX (31% acceptance rate)

Ames, M. and **J. Burrell** (2017) 'Connected Learning' and the Equity Agenda: A Microsociology of Minecraft Play, in *proceedings of the ACM Computer-Supported Cooperative Work and Social Computing (CSCW) conference*. Portland, OR (34.5% acceptance rate) (** **Best Paper Award, top 1% of submissions** **)

Srinivasan, J. and **Burrell, J.** (2013) Revisiting the Fishers of Kerala, India. *International Conference on Information and Communication Technologies and Development 2013*. Cape Town, South Africa. (25% acceptance rate). (** **selected for Best of ICTD Special Issue** **)

INVITED BOOK CHAPTERS

Burrell, J. (2015) Through a Screen Darkly: On Remote, Collaborative Fieldwork in the Digital Age. In Sanjek, R. and Tratner S. (Eds), *eFieldnotes: Makings of Anthropology in a Digital World*. University of Pennsylvania Press.

Burrell, J. (2013) The Materiality of Rumor. In Leonardi, P., B. Nardi, and J. Kallinikos (Eds), *Materiality and Organizing*. Oxford, UK: Oxford University Press.

Burrell, J. (2009) Could Connectivity Replace Mobility? An Analysis of Internet Café Use Patterns in Accra, Ghana. In de Bruijn, M., F. Nyamnjoh, and I. Brinkman (Eds), *Mobile Phones: The New Talking Drums of Everyday Africa*. Bamenda, Cameroon: Langaa Publishers / ASC.

REVIEWS AND EDITORIALS

Burrell, J. (2021) "The Ethics of Uncertainty." Review of Cloud Ethics: Algorithms and the Attributes of Ourselves and Others, by Louise Amoore. **European Journal of Sociology**. 61(3).

Burrell, J. (2016) "The Internet: Integration" **Cultural Anthropology**. Blog post in Correspondences series. Available <http://www.culanth.org/fieldsights/869-the-internet-integration>

Baumer, E., M. Ames, J. Burrell, J. Brubaker, and P. Dourish (2015) Why study technology non-use? (editors introduction) **First Monday**, 20(11). *Special Issue: Non-use of technology — Perspectives and approaches*. Available <http://firstmonday.org/ojs/index.php/fm/issue/view/463/showToc>.

Baumer, E. J. Burrell, M. Ames, J. Brubaker, and P. Dourish (2015) On the Importance and Implications of Studying Technology Non-Use. **Interactions**, 22(2): 52. Available <http://interactions.acm.org/archive/view/march-april-2015/on-the-importance-and-implications-of-studying-technology-non-use>.

Burrell, J. (2018) Introduction to section "Technology and Social Relations" In Maurer, B., S. Musaraj, and I. Small (Eds). *Money at the Margins: Global Perspectives on Technology, Financial Inclusion & Design*

Burrell, J. (2013) Introduction to Issue 9.1. **Information Technologies and International Development**, 9(1): v-vii.

Burrell, J. (2013) Raising the Stakes: E-Sports and the Professionalization of Computer Gaming, by T.L. Taylor (Book Review). **Contemporary Sociology: A Journal of Reviews**, 42(4): 623-624.

REPORTS

Burrell, J., D. Mulligan, D. Kluttz, J. Kroll, A. Smart, and A. Elazari (2018) Report from the First AFOG Summer Workshop. Available at <https://afog.berkeley.edu/2018/08/13/report-from-the-first-afog-summer-workshop/>

Burrell, J. (2016) The Value of the Internet to Rural Populations: a case study from Mendocino county, CA. A report prepared for the **Broadband Alliance of Mendocino County** and **Further Reach**. Available at <http://www.mendocinobroadband.org/wp-content/uploads/Jenna-Rural-Internet-Report.pdf>

Burrell, J., E. Kansa, N. Kersey, K. McPherson, C. Riley, G. Vaswani (2010) Humanities Scholarship and Possibilities for Digital Collaboration: A Qualitative Study for **Project Bamboo**.

Burrell, J. (2008) Livelihoods and the Mobile Phone in Rural Uganda. A report for the **Grameen Foundation USA**.

REFEREED PUBLICATIONS PRIOR TO PHD

Burrell, J., T. Brooke, and R. Beckwith. (2004) Vineyard Computing: The Application of Sensor Network Technologies to Work Practices in an Agricultural Production Environment. **IEEE Pervasive Computing**, 3(1): 38-45.

Burrell J. and G.K. Gay. (2002) E-graffiti: Evaluating Real-World Use of a Context-Aware System. **Interacting with Computers** (Special Issue on Universal Usability) 14(4): 301-312.

Sherry, J., S. Mainwaring, J. Burrell, R. Beckwith, and T. Salvador. (2004) 'This all together hon?' Ubicomp in non-office work environments. Proceedings of the **Conference on Ubiquitous Computing**. (Nottingham, UK).

Burrell, J., G.K. Gay, K. Kubo, and N. Farina. (2002) Context-Aware Computing: a test case. Proceedings of the **Conference on Ubiquitous Computing**. (Gothenburg, Sweden).

INVITED TALKS AND SELECTIVE WORKSHOPS

2022 invited speaker, Media Rurality event, **McGill University**

2021 invited speaker, retreat on "Algorithms in the making. What are the programming practices behind gender biases. A female perspective for society." **École Polytechnique Fédérale de Lausanne**, Switzerland.

invited speaker, "The Society of Algorithms," Tech/Law Colloquium Series, **Cornell University**.

invited speaker (with Marion Fourcade) on "The Society of Algorithms," Platform Economies Research Network, **The New School**

mentor at the Summer Research Institute for the Science of Sociotechnical Systems, held virtually, hosted by **University of Texas-Austin, School of Information**

keynote speaker, Workshop on Digital Citizenship, ACM Computer-Human Interaction conference.

invited presenter (with Marion Fourcade), Department of Sociology, **Columbia University**, Society of Algorithms Workshop

2020 plenary speaker, South American Business Forum, **Instituto Tecnológico de Buenos Aires**. Buenos Aires, Argentina. (postponed indefinitely due to Covid-19 pandemic)

19th Klaus Tschira symposia on Knowledge and Space, "Knowledge and Technology: Spatial Relations in a Digital Age," **Heidelberg University**, Germany. (postponed due to Covid-19 pandemic)

invited keynote panelist, **Theorizing the Web**, Museum of the Moving Image, Queens, NY. (cancelled due to Covid-19 pandemic)

invited workshop participant, "AI and Justice in 2035," **UCLA School of Law**

2019 invited speaker, "When Users Control the Algorithms," **Twitter**

invited speaker, "When Users Control the Algorithms," **Mozilla**

keynote speaker, "Algorithms that Make You Think," **Virginia Tech** Center for Human-Computer Interaction

- invited panelist, "The Active Citizen in the Digital Age," Digital Civil Society Lab, **Stanford Center on Philanthropy and Civil Society**
- 2018 invited lecturer, "Urban Crowds and Rural Clouds," Fall Berkeley 150 Roadshow, **Palo Alto** event.
- invited speaker, "Fairness, Interpretability, Democracy," American Academy / Royal Society Workshop on AI and the Social Good, **Stanford University**.
- invited panelist, **Intel AI**, San Francisco, CA
- 2017 invited conference participant, Algorithms and Explanations, **New York University**, New York, NY
- invited workshop participant, Rural Connectivity Workshop, **Intel Corporation**, Hillsboro, OR
- 2016 invited workshop participant, Eclectic Ideas, **Data & Society Research Institute**. New York, NY.
- invited speaker, Fairness, Accountability, and Transparency in Machine Learning (FAT/ML), **Data Transparency Lab Conference**. New York, NY (participating remotely)
- invited speaker, Connected Learning Research Network Meeting, **UC-Berkeley**.
- mentor at the **Summer Research Institute for the Science of Sociotechnical Systems**, Stevenson, WA
- invited workshop participant, Shift CTRL: New Perspectives on Computing and New Media Conference & Workshop, **Stanford University**
- invited speaker, Conference on 'Technology & Governance: The Next 20 Years,' **National Intelligence Council**
- 2015 invited workshop participant, Maintenance and Repair workshop, funded by the **Sloan Foundation**, Denver, CO
- presentation to **FTC commissioner Julie Brill**, 'How the Machine Thinks: on the opacity of machine learning algorithms'
- invited webinar speaker, 'Bridging the Digital Divide in the Developed World,' for **Engineering For Change (E4C)**
- invited workshop participant, UC Collaboratory for Ethnographic Design, **UC-San Diego**
- 2014 invited participant, Data and Civil Rights conference (Washington D.C) hosted by the **Data & Society Research Institute**, The Leadership Conference on Civil and Human Rights, and New America's Open Technology Institute.
- invited speaker, Work Technology & Organization Colloquium, **Stanford University**
- invited expert panelist, **Facebook** Corporation / Internet.org
- invited speaker, Culture and Technology Series seminar and lecture, Faculty of Information, **University of Toronto**
- invited speaker, Management Department Seminar Series, **Santa Clara University**
- 2013 invited plenary speaker, with Lisa Nakamura, Christina Dunbar-Hester **Association of Internet Researchers Conference**, Theme: Appropriation and Resistance, Denver, CO.

invited lecture, "Youth and the Indeterminate Space of the Internet Cafe," Modern African History Course, **Willamette University**

invited speaker, Munroe Center for Social Inquiry, **Pitzer College**.

invited speaker, Africa Table, Stanford Center for African Studies, **Stanford University**

luncheon speaker series, Berkman Center for Internet and Society, **Harvard University**

invited panelist, symposium on "Internet, Social Media, and Youth Culture in the non-Western World" **Boston University**

2012 keynote speaker, biennial conference on "Adaptation and Creativity in Africa," **German Research Foundation**, held in Maputo, Mozambique.

invited speaker, **Microsoft Research** Social Computing Symposium, hosted at New York University.

2011 invited speaker, **University of Michigan**, Community Informatics Seminar.

invited speaker **Cornell University**, Information Science Colloquium, (sponsored by Yahoo! Research).

invited participant, **Northwestern University**, Workshop: Materiality and Organizing (organizers: Paul Leonardi, Bonnie Nardi, Jannis Kallinikos).

2010 invited speaker, **Stanford University**, Liberation Technology Seminar Series.

invited speaker, **Nokia Research** (NRC-Palo Alto)

invited panelist, **Stanford University**, Rebele Conference on Free Speech, "Designing for Freedom: Values in Communication Technologies"

invited speaker, **Northwestern University**, Technology & Social Behavior, Distinguished Colloquium Speaker Series

invited participant, **Georgia Institute of Technology**, College of Computing, Workshop: Creating a Research Agenda in Computing at the Margins,

2009 'camper' (by competitive application) at the **Summer Research Institute for the Science of Sociotechnical Systems**, Syracuse, NY.

invited speaker, **Nokia Research** (NRC-Palo Alto)

invited speaker, **Michigan State University**, ICT4D lecture series, Department of Telecommunications, Information Studies, and Media.

2006 invited speaker, **Intel Research Berkeley**.

invited lecture, **University of Washington**, Basic Concepts of New Media (undergraduate level course), Department of Communication.

invited lecture, **London School of Economics**, IS 475: Information Technology and Development (graduate level course)

CONFERENCE PARTICIPATION

2021 panel participant, "Networking Rurality," Society for Social Studies of Science (4S) Annual Meeting (virtual)

- 2019 invited speaker, "Designing an Ethical Web," The Web Conference. San Francisco, CA.
- 2018 panel participant, Session: The Limits of Ethnography," American Anthropological Association Conference. (San Jose, CA)
- 2016 invited panelist, Server Farm to Data Table, Theorizing the Web, New York, NY
- 2015 panel participant, "Digital Refusal in Rural California," Studying Digital 'Don't Wants,' Society for Social Studies of Science (4S) Annual Meeting (Denver, CO)
- panel participant, "No On-Ramp: Rural Californian Communities Host Critical Fiber Optic Infrastructure yet Lack Basic Access," Partnerships for Progress on the Digital Divide (Scottsdale, AZ).
- speaker, "The Myth of Market Price Information," Catholic Relief Services, ICT4D 2015: Increasing Impact Through Innovation (Chicago, IL).
- workshop participant, "Thinking about market information systems: bridging theory and practice," International conference on Information and Communication Technologies and Development (ICTD) 2015 (Singapore).
- 2014 workshop co-organizer (with Eric Baumer, Morgan Ames, Jed Brubaker, Paul Dourish), Refusing, Limiting, Departing: Why We Should Study Technology Non-Use, ACM CHI conference (Toronto).
- 2013 panel participant, Session: eFieldnotes: Makings of Anthropology in a Digital World, Society for Applied Anthropology annual meeting (Denver, CO)
- 2012 co-presenter (with Janaki Srinivasan), "Revisiting the Fishers of Kerala, India," Institute for Money Technology and Financial Inclusion (IMTFI) Annual Conference for Funded Researchers.
- invited speaker, The Materiality of Rumor, What's New About New Materialisms? Center for Science, Technology, Medicine & Society, UC Berkeley.
- open session co-organizer (with Elisa Oreglia), Distant Fields, Common Findings? Identifying the Challenges and Benefits of Multi-Country Qualitative Research. Information and Communication Technologies and Development conference (Atlanta, GA).
- 2011 session organizer and participant, Session: How Marginalized Populations Self-Organize with Digital Tools. Society for Social Studies of Science (4S) Annual Meeting (Cleveland, OH).
- 2010 workshop co-organizer (with Vanessa Frias-Martinez, Kentaro Toyama, Nathan Eagle), Session: Qual Meets Quant: Bridging the Gap between Technical and Social Researchers to Foster International Development Through Mobile Platforms. Information and Communication Technology and Development Conference (London, UK).
- 2009 panel participant, Session: ICTs and New Geographies of Mobility in Africa. African Studies Association Annual Meeting (New Orleans, LA).
- panel participant, Session: Technological Interventions in the Global South. Society for Social Studies of Science (4S) Annual Meeting (Washington, D.C.).
- 2008 paper presenter, Persuading a Foreign Audience: Internet Scamming Strategies in Ghana and the West Africa Region. Conference on African and Afro-Caribbean Performance, UC Berkeley.
- paper presenter, Ways of Sharing: the mobile phone and money transfers in rural Uganda. Everyday Digital Money conference, UC Irvine.
- panel organizer and chair, On the Ground Accounts of the Mobile Phone 'Revolution' in Africa. Society for Social Studies of Science (4S) Annual Meeting. (Rotterdam, The Netherlands)

- 2007 panel participant, Subversive Youth and Self-Determination at Internet Cafés in Accra, Ghana. African Studies Association Annual Meeting. (New York, NY).
- panel participant, Session: New Social Spaces, Mobility and Technology in Africa. European Conference on African Studies (ECAS). (Leiden, The Netherlands)
- 2006 panel participant, Session: Technology in Transnational Social Worlds. American Anthropological Association Conference. (San Jose, CA)
- workshop co-organizer (with Tony Salvador), Designing for “Success” in the Developing World. Proceedings of the Ethnographic Praxis in Industry Conference. (Portland, OR)
- 2005 panel participant, Telling Stories of Internet Fraud: how word-of-mouth shapes Internet use in Accra, Ghana. Association of Internet Researchers Conference. (Chicago, IL)

RESEARCH AND PROFESSIONAL EXPERIENCE / CONSULTING

CONSULTANT, GRAMEEN FOUNDATION USA, SEATTLE, WA — NOV 2007 - JAN 2008

Led the ethnographic component of a needs assessment study involving 3 weeks of fieldwork at three rural villages in Uganda. Produced a report to communicate findings about information needs and potential mobile phone based applications for these rural communities.

GRADUATE INTERN, DOMESTIC DESIGN AND TECHNOLOGIES RESEARCH, INTEL CORPORATION, HILLSBORO, OR — JAN 2007 - APRIL 2007

Initiated a study on the videography of social events in Accra, Ghana. This work involved a three week period of brief, but intensive ethnographic fieldwork including eleven interviews, eight home tours, and participation in several social events.

GRADUATE INTERN, PEOPLE AND PRACTICES RESEARCH, INTEL CORPORATION, HILLSBORO, OR — JUL 2005 - SEP 2005

Participated in a three-person team doing ethnographic research in Belo Horizonte, Brazil examining the technology practices of young women across multiple socio-economic strata.

GRADUATE INTERN, PEOPLE AND PRACTICES RESEARCH, INTEL CORPORATION, HILLSBORO, OR — JUL 2004 - SEP 2004

Initiated a study of transnationalism and organized a two-person team to research the experiences of Ghanaians living in London, UK and in Portland, OR USA.

APPLICATION CONCEPT DEVELOPER, PEOPLE AND PRACTICES RESEARCH, INTEL CORPORATION, HILLSBORO, OR — JUL 2001 - SEP 2003

Worked within a group of social science researchers studying work practice, domestic life, and technology use in the U.S., Europe, Asia, and Latin America. Led an ethnographic study of factory technician work process in Intel’s manufacturing environment. The study involved two fieldwork sites in the U.S. and one in Ireland. Projects on work practices culminated in the development of technology demos based on research findings and were widely disseminated throughout the corporation.

RESEARCH ASSISTANT, HUMAN-COMPUTER INTERACTION GROUP, CORNELL UNIVERSITY, ITHACA, NY — OCT 1999 - MAY 2001

Initiated a two-year research project developing location-aware tour guides. Managed a development team of three members. This project also involved an extended period of user evaluation. Published three conference papers and one journal paper all with first authorship over the course of 2 years as a part-time research assistant while pursuing an undergraduate degree. Was part owner of **Meridian** (<http://www.meridianapps.com/>) a startup that successfully commercialized some of this research and was sold to **Aruba Networks** in 2013.

UNDERGRADUATE INTERN, MANUFACTURING AUTOMATION, INTEL CORPORATION, HILLSBORO, OR — JUN 1999 - AUG 1999

Initiated an ethnographic study of factory technicians working in the clean room to gain insights into how automation systems could be improved to better support technician work practices.

TEACHING EXPERIENCE

Info 203: **Social and Organizational Issues of Information**, graduate required course - Spring 2012, Spring 2013, Spring 2015, Spring 2016 (4 units) Spring 2018, 2019, 2020 (2 units)

Info 272: **Qualitative Research Methods for Information Systems and Management**, graduate elective course - Spring 2008, 2009, Fall 2009, 2010, 2011, 2012, 2014, 2016, 2018, 2020 (3 units)

Info 190: **Technology and Poverty**, undergraduate elective course (Global Poverty and Practices Minor) - Fall 2008, Spring 2010, Spring 2011 (3 units)

Info 283: **Information and Communications Technology for Development**, graduate elective course - Spring 2010, Fall 2015, Spring 2019 (3 units)

Info 290: **Information and Communication Technology and Development Research Seminar** - Fall 2010 - present (1 unit)

Info 295: **Doctoral Colloquium** - Spring 2008, Fall 2009, Fall 2012, Spring 2018, Spring 2020 (1 unit)

SO444: **Qualitative Research Methods for Social Science** (at the London School of Economics, Department of Sociology), Postgraduate Level Course - Spring 2006

GRANTS

Google Faculty Research Award, "Scoring Space: Investigating user models for interpreting neighborhood scores," **\$80,000**

Grant from **Google Corporation**, "Addressing Algorithmic Opacity and Fairness: a cross-disciplinary investigation" - **\$200,000** (2017-2018), **\$200,000** (2018-2019), **\$75,000** (2020-2021)

NSF Grant, Science, Technology and Society Program (2017-2019), Award # (1734431), "Internet Hosts: Infrastructure, Connectivity and the Tech Sector in Rural Regions of the USA" (PI: Jenna Burrell) - **\$212,736**

Grant from **Intel Corporation-5G Group** (2017), "Understanding Rural Internet Access and the Future of Rural Connectivity" - **\$35,000**

Center for Long-Term Cybersecurity, UC-Berkeley (2018), "Exploring Internet Balkanization Through the Lens of Regional Discrimination" with Sadia Afroz, Anne Jonas - **\$25,000**

Center for Long-Term Cybersecurity, UC-Berkeley (2017), "Exploring Internet Balkanization Through the Lens of Regional Discrimination" with Anne Jonas - **\$10,000**

NSF Grant, EAGER (2016): Collaborative Research: Exploring Internet Balkanization Through the Lens of Regional Discrimination, (PI: Jenna Burrell) - **\$75,000** (total grant is **\$300,000** with lead PI: Sadia Afroz, co-PI: Vern Paxson, International Computer Science Institute, PI: Phillipa Gill, UMass-Amherst)

Google IgniteCS (2015), "Community-oriented technology workshops for low-income and minority female students in Richmond, CA," with Katherine Lo - **\$10,000**

Center for Technology, Society & Policy, UC-Berkeley, "Promoting Ethical Technical Cultures and Digital Citizenship for Low-Income and Minority Students in Richmond, California" with Morgan Ames, Katherine Lo, and Anne Jonas - **\$6000**

Social Science Matrix, UC-Berkeley, for a Prospecting Seminar on "Algorithms as Computation and Culture" (with Stuart Geiger) - **\$1500**

Grant from the **Institute for Money, Technology, and Financial Inclusion**, UC Irvine (2012) for a research project titled "A Work Practice Approach to Understanding Actors in Agricultural Markets: Revisiting the Fishermen of Kerala, India" with Janaki Srinivasan and Richa Kumar - **\$15,546**

NSF Grant, Science, Technology and Society Program, Award #1027310 (2010-2013) "How Marginalized Populations Self-Organize with Digital Tools: ethnographic case studies in Africa and China" (PI: Jenna Burrell, co-PI: Janet Kwami, Furman University) - **\$444,871**

Grant from **Nokia Research** (2009) for "Rural-Urban Connections and the Mobile Phone in Emerging Economies" - **\$50,000**

Grant from **Intel Corporation** (2009) for "Social Research Pertaining to Cultural Politics of Consumption" to go towards four student fellowships - **\$23,500**

Grant from the **Institute for Money, Technology, and Financial Inclusion**, UC Irvine (2009) for research project titled "Money and Materiality in Rural and Urban Uganda" - **\$20,000** (declined due to time constraints)

2008 Regents' Junior Faculty Fellowship, UC Berkeley - **\$5000**

COR 2008, Research Assistantship in the Humanities Award, UC Berkeley - **\$2000**

COR 2007-2008, Junior Faculty Research Grant, UC Berkeley - **\$4000**

University of London, Central Research Grant of for fieldwork in Ghana, 2004 - **£1000**

AWARDS

2019 - Spirit of Collaboration Award (with Morgan Ames), given by *Building Blocks for Kids* (non-profit partner for Summer of Minecraft camp), Richmond, CA.

2017 - **CSCW Best paper award** (top 1% of submissions) for 'Connected Learning' and the Equity Agenda: a Microsociology of Minecraft Play with Morgan Ames

2013 - **Best of ICTD special issue** of Information Technologies and International Development for "On the Importance of Price Information to Fishers and to Economists: Revisiting Mobile Phone Use Among Fishers in Kerala" with Janaki Srinivasan

2008 **Nicholas C. Mullins Award** granted by the Society for Social Studies of Science (4S) for a paper entitled, "Problematic Empowerment: West African Internet Scams as Grassroots Media Production"

Overseas Research Student Award, 2004-2007
(10 selected from a pool of 140 LSE PhD students)

Fulbright U.S. Student Program, 2004-2005, alternate for research in Ghana

PROFESSIONAL SERVICE

Co-Chair, Program Committee, International Conference on Information and Communication Technologies and Development (Singapore) 2015

Associate Editor (2011-2013), Information Technologies and International Development (ITID) journal

Co-Founder and Contributor, Ethnography Matters - <http://www.ethnographymatters.net/>

Co-Chair, Open Sessions, International Conference on Information and Communication Technologies and Development (Cape Town, South Africa) 2013

Senior Program Committee, International Conference on Information and Communication Technologies and Development (2010, 2013, 2016, 2017)

Program Committee, Divides 2015, iConference 2011, Fourth International AAAI Conference on Weblogs and Social Media (ICWSM-2010)

Reviewer of journal articles for Information Technologies and International Development (ITID), Journal of Computer-Mediated Communication (JCMC), Gender, Technology and Development, Information Technology and Development (ITD), Information Technology & People, International Journal of Communication (IJoC), New Media and Society, Journal of Health Communication, Journal of Modern African Studies, Review of African Political Economy, MedieKultur. Journal of media and communication research, Environment and Planning A, Telecommunications Policy, Human-Computer Interaction, First Monday, GeoForum, Mobile Media & Communication, Field Methods, Science, Technology & Human Values, Big Data & Society, Journal of Information Technology. ACM Transactions of Computer-Human Interaction.

Reviewer of conference papers for Computer-Supported Cooperative Work (CSCW) conference, Computer-Human Interaction (CHI) conference, alt.chi, Information and Communication Technologies and Development (ICTD) conference, iConference, Mobile HCI, Hawaii International Conference on System Sciences (HICSS).

Reviewer of conference paper abstracts for Ethnographic Praxis in Industry conference (EPIC).

Reviewer of grant proposals for the National Science Foundation, the Economic and Social Research Council of the UK, USAID.

Book proposal reviewer for Routledge, the MIT Press, Oxford University Press, University of Pennsylvania Press.

Advisory board, African Robotics Network (AFRON), co-founders professors Ayorkor Korsah (Ashesi University) and Ken Goldberg (UC-Berkeley), Consortium for the Science of Socio-technical Systems (CSST)'15 Summer Institute, GeoNet (Internet Geographies: Changing Connectivities and the Potentials of Sub-Saharan Africa's Knowledge Economy) at the Oxford Internet Institute (ERC grant)

SKILLS

Advanced web design, web programming, and web application development (ASP, PHP, HTML, CSS, Javascript, SQL, MySQL, Monorail, C#)

Photography – completed three courses at the Pacific Northwest College of Art in Portland, OR.

Digital video editing using Final Cut Pro, WeVideo

English – native speaker

French – intermediate (level 3 proficiency certification, London School of Economics, 2006)

Akan Twi – basic (10 week University of Ghana at Legon language course, 2005)

Japanese - basic