

ASPEN K.B. OMAPANG

(formerly Aspen Russell)

[Email](#) · [LinkedIn](#) · [Website](#)

RESEARCH INTERESTS

Indigenous Legibility, Political Technologies, Indigeneity, Computational Social Science, Qualitative Methods, Mixed Methods Research

EDUCATION

- Cornell University, PhD Candidate** in Information Science **Ithaca, NY**
Graduate Specialization: Social Aspects of Computing **Exp. May 2026**
Sloan Scholar, Alfred P. Sloan Foundation
Graduate Research Fellow, National Science Foundation
Committee: Drew Margolin (Chair), Steven Mana'oakamai Johnson, Karen Levy
- Cornell University, M.S.**, Information Science **May 2023**
- American University, B.S.**, Computer Science **May 2018**

PROFESSIONAL EXPERIENCE

- Intel**, Hillsboro OR **June - August 2023**
Sociotechnical Systems Research Intern, Intel Labs
Supervisor: Dawn Nafus
- Cornell University**, Ithaca, NY **2021 - 2023**
Data Science Fellow, Cornell University Center for Social Sciences (CCSS)
- Intel**, Hillsboro OR **May - August 2022**
Sociotechnical Systems Research Intern, Intel Labs
Supervisors: John Sherry & Ian Lowrie
- Association for Women in Science (AWIS)**, Washington, D.C. **2016 - 2020**
Research Assistant
Supervisor: Heather Metcalf
- Tektronix**, Beaverton, OR **June - September 2014, 2015**
Manufacturing Software Engineering Intern
Technical Marketing Intern

NSF STARS Alliance Outreach, Corvallis, OR
Research Assistant

2014 – 2015

GRANTS, SCHOLARSHIPS, & AWARDS (Total \$718,800 USD)

David L. Call Award , American Indian & Indigenous Studies Program, Cornell University For outstanding leadership, service, and commitment in pursuit of a graduate degree.	2025
Graduate Excellence in Leadership Award , Office of Inclusive Excellence Cornell University	2025
Edward A. Bouchet Graduate Honor Society , Cornell University Chapter	2025
Distinguished Leadership in Service Award , Bowers C-IS, Cornell University	2024
Outstanding Service Award , Department of Information Science, Cornell University	2022
Data Science Fellowship , Cornell Center for Social Sciences	2021
Media Studies Initiative Grant , Office of the Dean of the College of Arts and Sciences, Cornell University	2021
Graduate School Dean's Scholar , Cornell University	2020
Graduate Research Fellowship , National Science Foundation (NSF GRF)	2020
LEAP Alliance Fellow , National Science Foundation	2020
Sloan Fellowship , Alfred P. Sloan Foundation's Minority Ph.D. (MPHD) Program	2020
Graduate Research Fellowship , National Science Foundation (NSF GRF) <i>Awarded and declined.</i>	2019
Upsilon Pi Epsilon Honor Society for Computing and Information Disciplines	2018
Finalist , Abu Dhabi Solar Car Global Challenge Race	2015

PUBLICATIONS

Journal Articles (peer-reviewed, archival)

Omapang, A. K.B., Green, B. E., Yu, C., Muenster, R. M., & Margolin, D. B. (April 2025). Time to Politicization: The Emergence and Effects of Politics on Science YouTube Videos. *Journal of Information Technology and Politics*, 1-17.

Russell, A. & Frachtenberg, E. (July 2021), "Worlds Apart: Technology, Remote Work, and Equity" in IEEE Computer, vol. 54, no. 07, pp. 46-56, 2021. doi: [10.1109/MC.2021.3074121](https://doi.org/10.1109/MC.2021.3074121)

Position Papers

Omapang, A. K.B. (January 2025). Rooting Out whiteness*, Placing white People, and Embedding Indigenous Practice in Technology Creation. *Indigenous Computation Futures Collective*. <https://is.gd/IIIBV7>

Conference Papers, Posters, & Presentations (peer-reviewed, non-archival)

Omapang, A. K.B. (April 2025). Whose Public? An Analysis of Political Voice in Public Environment Rulemaking in Hawai'i. *The Bouchet Honor Society Conference*. New Haven, CT, USA.

Johnson-Zafiris, M., **Omapang, A. K.B.**, Fernandes-Rodrigues, B., & Keyes, O. (Nov 2023). Refusing Academic Alienation and Appropriation: Disruptive Approaches. *The Society for Social Studies of Science (4S) 2023 Annual Conference*, Honolulu, O'ahu, HI.

Foster, M. E., **Omapang, A. K.B.**, & Johnson-Zafiris, M. (October 2023). Is it (Micro) Cheating? How Social Media Confound Assumptions in Romantic Relationships. *Association of Internet Researchers (AoIR) Conference 2023*, Philadelphia, PA, USA.

Omapang, A. K.B., Green, B. E., Yu, C., Mika Muenster, R., & Margolin, D. B. (June 2023). Time to Politicization: The Emergence and Effects of Politics on Science YouTube Videos. *International Network for Social Network Analysis (INSNA) Sunbelt Conference 2023*, Portland, OR, USA.

Omapang, A. K.B., Green, B. E., Yu, C., Mika Muenster, R., & Margolin, D. B. (May 2023). Time to Politicization: The Emergence and Effects of Politics on Science YouTube Videos. *International Communication Association (ICA) 73rd Annual Conference*, Toronto, Ontario, CA.

Shea, A.L., **Omapang, A. K.B.**, Cho, J.Y., Ginsparg, M., Bazarova, N., Hui, W., Kizilcec, R., Tong, C., Margolin, D. (May 2023). Discursive objection strategies in online comments: Developing a classification schema and validating its training. *International Communication Association (ICA) 73rd Annual Conference*, Toronto, Ontario, CA.

Homant, E & **Omapang, A. K.B.** (November 2022). Coming Out and Coming Up: Quantifying Queer Immaterial Labor. *Association of Internet Researchers (AoIR) Conference 2022*, Technological University, Dublin, Ireland.

Russell, A., Bernatzky, C., & Jiang, J. (June 2021). What's in a name? "Karen" across Reddit. *Summer Institute in Computational Social Science (SICSS)*, UCLA, Los Angeles, CA., USA.

Panels

Omapang, A K.B., Simeone, M, & Gold, J. (June 2023). Ensuring Equity in Big Data, Algorithms, and STEM Language. *ARC Network Equity in STEM Community Convening*. Durham, NC, USA.

Russell, A., DiMuccio, S., & Eareckson, H. (September 2022). Benevolent Allyship and the Role of Societal Norms. *Thrive-WISE Micro-Conference 2022*. Virtual.

Workshops Co-Organized

Caliskin, A., Verhulst, S., Marschke, G., **Russell, A.**, Mitchneck, B., Herbers, J., Metcalf, H., Rhodes, V., & Massaro, A. (December 2021). Using Big Data and Algorithms to Foster Equity in STEM. *ARC Network Emerging Research Workshop (ERW)*. Phoenix, AZ, USA.

Under Review

Shea, A.L., **Omapang, A.,K.,B.**, Cho, J.Y., Ginsparg, M., Bazarova, N., Hui, W., Kizilcec, R., Tong, C., Margolin, D. (under review). Beyond ad hominem attacks: A typology of the discursive tactics used when objecting to news commentary on social media. *Submitted to Plos One*.

FUNDING

Graduate Student Mentor, (2025) Cornell Atkinson Center for Sustainability. Project: Supporting Kanaka 'Ōiwi (Native Hawaiian) food security through water quality monitoring and storytelling.

Graduate Research Fellowship (2020) National Science Foundation \$138,000, 08/2020-05/2023

Sloan Scholar (2020) Alfred P. Sloan Foundation's Minority Ph.D. (MPHD) Program \$212,000, Grant Award #: G-2019-11435, 08/2023 – 05/2026

Study on Computer Science Undergraduate Student Performance (2018), National Center for Women & Information Technology (NCWIT) \$10,000

Longitudinal Study on Computer Science Culture (2018), NSF Research Experiences for Undergraduates (REU) Supplement, University of Illinois Urbana-Champaign \$4800, Grant Award ID: 1614562

JJ Cadiz Computer Science Scholarship (2015), Oregon State University \$2000

Chiu Electrical Engineering Scholarship (2014), Oregon State University \$2000

Travel Grants

Inclusion, Diversity, Equity, Accessibility, and Leadership Skills (IDEALS), Computing Research Association-Widening Participation (2022)

Ann S. Bowers College of Computing and Information Science, Cornell University (2022)

Graduate School, Cornell University (2022, 2023)

Students in Technology, Academia, Research, and Service Computing Corps, NSF (2014, 2015)

INVITED TALKS

External

A Walk Down Dole Street: Disruption, Resistance, and Relations From Within the Academe. [UC San Diego Science Studies Colloquium Series](#), Remote, Oct 2023.

Closing Keynote Speech. [ACM CSCW 2023 Workshop on Conceptualizing Indigeneity in Social Computing](#), Minneapolis, MN, US, Oct 2023.

Time to Politicization: The Emergence and Effects of Politics on Science YouTube Videos. *Department of Computer Science, Wellesley College, March 2023.*

Addressing Pathways and Experiences for Women in STEM. *United States – Vietnam 10th Joint Committee Meeting on Science and Technology, United States Department of State, October 2018.*

Internal

On the Ethics of Generative AI Practice. *Intel Labs, August 2023.*

Big Data Meets Thick Description: Thinking Interpretively with Computational Data. *Qualitative and Interpretive Research Institute (QUIRI), Cornell University, October 2022.*

Retail Computer Vision Systems: Algorithmic Imaginaries & the Ethics of Real-World AI. *Artificial Intelligence, Policy, and Practice (AIPP), Cornell University, September 2022.*

Retail Computer Vision Systems: Algorithmic Imaginaries & the Ethics of Real-World AI. *Intel Labs, August 2022.*

TEACHING

Cornell University

INFO 4240: Designing Technology for Social Impact

Teaching Assistant – Fall 2022 (~200 Students)

Russell, A. & Chang, J. (March 2022). Workshop: Research Design Using API Data. *Cornell Center for Social Sciences*, Cornell University, Ithaca, NY., USA.

Russell, A. & Chang, J. (February 2022). Workshop: Practical Applications of the Twitter API V2. *Cornell Center for Social Sciences*, Cornell University, Ithaca, NY., USA.

Russell, A. & Chang, J. (February 2022). Workshop: Why Use APIs for Social Science Research? *Cornell Center for Social Sciences*, Cornell University, Ithaca, NY., USA.

External

Russell, A. (August 2020). Workshop: NSF Graduate Research Fellowship. *Bucknell University Office of Fellowships & Research*, Lewisburg, PA, USA.

Guest Lectures

Using Regulations.gov to Study Political Participation in Hawai'i. (20 Students). *Data Democratization ALS 1210*, Ashley Shea, Cornell University, November 2024

Critical Research Design for Communication & Information Science (19 Students). *Communication & Technology*, Beatrys Rodrigues, Cornell University, July 2022

SERVICE

President, Indigenous Graduate Student Association (IGSA), Cornell University AY24-25

Advisory Committee Member, Women in Engineering ProActive Network's (WEPAN) ADVANCE Resource & Coordination (ARC) Network External Advisory Committee 2023-2025

Admissions Representative, Information Science Graduate Student Association (ISGSA), Cornell University AY21-22

Conference Reviewing

ICA 2021, 2022

Student Volunteering

ACM SIGCSE 2017

Panels

Celebrating Inclusion: Ask a Grad Student, *Cornell University CALS Office of DEI* (Nov 2024)

[Consider Cornell: Experience](#), *Cornell University Graduate School* (Oct 2024)

Self-Efficacy Panel, *Cornell University Multi-Cultural Academic Council (MAC)* (Nov 2023)

Industry Internships, *Cornell University Information Science Seminar Series* (Nov 2022/23)

Academic Fellowships, *Cornell University Information Science Seminar Series (Oct 2022/23)*
PhD Admitted Student Q&A, *Cornell University Information Science Department (May 2022/23)*
My Journey to Graduate School Panel, *Cornell University First Generation and Low-Income (FIGLI) Graduate Student Organization (2020)*

PUBLIC WRITING & SPEAKING

Featured Speaker, Cornell University Graduate School Dean's Scholar Pinning Ceremony.

Aspen K.B. Omapang (April 2023). Academic Conferences are Settler Colonialism. *Medium*. Retrieved from <https://medium.com/p/1f78eff17d48>

Aspen K.B. Omapang & Federica Bologna (March 2023). [Ep7: Making the Most of Method - Internet Research for Social Impact](#). Research Journey Initiative Podcast.

Aspen Russell (March 2022). OpenRefine: A Lightweight Data Cleaning Tool to Add to Your Workflow. *Cornell Center for Social Sciences*, Cornell University, Ithaca, NY., USA. Accessed at <https://socialsciences.cornell.edu/research-hive>.

Aspen Russell (February 2022). International Love Your Data Week: Dear Data Letter. *Cornell Center for Social Sciences*, Cornell University, Ithaca, NY., USA. Accessed at <https://socialsciences.cornell.edu/love-data-week>.

Aspen Russell (October 2019). Are you using inclusive language at work? You should be. *Medium*. Retrieved from <https://bit.ly/31mLYw4>.

RESEARCH MENTORING

Mentor, *Multicultural Academic Council (MAC) Cornell University 2022-23, 2023-24, 2024-25*

Participant, *Trans & Queer in HCI Mentorship Program, ACM CHI, 2022-23*

Current

Brume Dezembro Lazzetti, PhD, Science & Technology Studies

Meridia Jane Bryant, PhD, Neurobiology & Behavior

Past

Seyedeh Farnoosh Hashemi Fesharaki, PhD, Information Science

Marina Johnson-Zafiridis, PhD, Information Science

Federica Bologna, PhD, Information Science

Ruth Martinez-Yepes, PhD, Information Science

Helen Stec, PhD, Neurobiology & Behavior

Neha Sanghera, MPP, Harvard Kennedy School [Graduated]

MEMBERSHIPS & AFFILIATIONS

[Ka'i Research Collective](#), Cornell University

[Center for Global Indigenous Futures Member](#)

[Artificial Intelligence, Policy, and Practice \(AIPP\)](#) Working Group, Cornell University

[Google Computer Science Research Mentorship Program](#) (CS-RMP) ([2022](#))

Professional Organizations

Association of Internet Researchers (AoIR)

Indigenous Data Sovereignty Network

Indigenous Computational Futures Collective