

Education

PhD in Science and Technology Studies (2016-2022) **York University, Toronto, Canada**

Comprehensive exams: Biosciences and Biotechnologies, Public Science, Political Ecology

Working dissertation title: Chasing flames: tensions and materialities in fire ecology research and praxis

Notable courses: Technoscientific Cultures, Organisms as Instruments, Science & Technology as Material Culture, Bodies in Technology, Politics of Forensic Science

Masters in Environmental Studies (2014-2016) **York University, Toronto, Canada**

Area of Concentration: Human-nonhuman relationships in ecology and culture

Title of Thesis: Patient narratives and an *umwelten*-based account of the more-than-human ecology of Lyme disease

Notable courses: Interdisciplinary Research in Environmental Studies, Culture and the Environment, Qualitative Research Methods, Matters of Nature: Theories and Politics, Material Feminisms in the Biosciences

Graduate Diploma in Asian Studies (2014-2016) **York University, Toronto, Canada**

Area of focus: Asian intellectual traditions and colonial and postcolonial science and technology

Bachelor of Applied Science (2007-2012) **University of Toronto, Toronto, Canada**

Specialization: Chemical Engineering and Applied Chemistry

Selected Academic, Research and Professional Experience

Research Assistant, ERC-funded project: “Sonic Street Technologies (SST): their diaspora and what they tell us about technology and scientific knowledge”, Department of Media, Communications and Cultural Studies, Goldsmiths, University of London

January 2021 – Present

Research Assistant, Technoscience Research Unit, University of Toronto

June 2020 – July 2020

Visiting Research Scholar, Department of Anthropology, University of California, Irvine

February 2019-June 2019

Research Assistant, Prof. Audra Mitchell, Canada Research Chair in Global Political Ecology, Wilfrid Laurier University

July 2018-Present

Teaching Assistant, Division of Natural Sciences, York University, Toronto, Canada

September 2016 – Present

Courses: Scientific Change; Technology and Civilization; History of Astronomy; Physics and Technology for Future World Leaders; Understanding Colour; Plant Life, Human Life; Concepts in Human Health and Disease; History of the Environment; Computers, Information and Society; Understanding Food.

Programme Support Intern, Sustainable Public Procurement, Division of Technology, Industry and Economics, United National Environment Program, Paris, France

February 2016 – May 2016

Graduate Researcher, York University, Toronto, Canada

September 2014 – August 2016

Communications Coordinator, The Entrepreneurship Hatchery, University of Toronto, Toronto, Canada

July 2013 – June 2014

Process Engineer-in-Training, SNC-Lavalin Inc, Toronto, Canada

August 2012 – June 2013

Summer Engineering Student, Agrium Inc (Now known as Nutrien), Toronto, Canada

June 2011 – August 2011

Research Assistant, Department of Botany, Visva-Bharati University, India

Summer 2010

Research Assistant, Edwards Lab, Department of Chemical Engineering, University of Toronto

Summer 2009

Professional Development

UNIDEE Residency 2020: Embedded Arts Practice in a Post-pandemic Future, Cittadellarte - Fondazione Pistoletto, Biella, Italy

September 21 – November 30, 2020

Over ten weeks, this residency facilitates time and space for artists, practitioners and thinkers from a range of backgrounds to collectively and collaboratively address key questions and challenges for embedded and socially engaged art practice in the unfolding context of a post-COVID-19 world.

Summer School in Arts and Politics #2: Statecraft, Irish Museum of Modern Art, Dublin, Ireland

August 3 – 28, 2020

Online programme of lectures, discussions and workshops by national and international artists, theorists and educators who focus on the theme of 'statecraft' and the role of art and artists in relation to the state.

National Nanotechnology Coordinated Infrastructure Winter School on Responsible Innovation and Social Studies of Emerging Technologies, Arizona State University, Mesa, Arizona, United States

January 3 – 10, 2019

One-week program designed to give junior scholars an introduction to and practical experience with methods and theory for better understanding the social dimensions of emerging technologies.

Anthropocene Campus Melbourne, Deakin University, Melbourne, Victoria, Australia

September 3-6, 2018

This event provided a stage for critical discussions and learning about 'the Anthropocene' and provided an important prompt for academics, artists and others to critically reconsider how knowledge is produced and reproduced. Participants engaged in a range of lectures, field trips,

and workshops in Melbourne and the wider area exploring the important issues about the environment, climate change, history, and culture.

Service, Leadership and Extracurricular Experiences

Graduate Research Associate, Sensorium Centre for Digital Arts and Technology, York University (2020 – Present)

Member, Emergent Futures CoLab (2020 – Present)

Reviewer, Ethnografilm Festival (2020 – Present)

Member, Technoscience Research Unit, University of Toronto (2019 – Present)

Adjudication Committee Member, 4S Bernal Prize Committee, Society for Social Studies of Science (2019)

Co-Curator, *STS in “Africa” in Formation*, STS Across Borders Exhibit, Annual Conference for the Society for Social Studies of Science, Sydney, Australia/InfraStructureS website (www.stsinfrastructures.org) (2018)

Committee Member, Social Media Committee, Society for Social Studies of Science (2018 – Present)

Postgraduate Workshop Organizer, Annual Conference for the Society for Social Studies of Science (2017-Present)

Program Committee Member, Anthropocene Campus Melbourne Program Committee (2017-2018)

Adjudication Committee Member, 4S Infrastructure Prize Committee, Society for Social Studies of Science (2018)

Reviewer, *Humanimalia* (2018), *Nordic Journal of Science and Technology Studies* (2020), *Undercurrents: a journal in interdisciplinary environmental studies* (2016-2017), *The Anthropocene Review* (2021)

Contributing Editor, *Platypus*, blog for the Committee for the Anthropology of Science, Technology and Computing (CASTAC) at the American Anthropological Association (AAA) (2018)

Student Representative, Executive Council of the Society for Social Studies of Science (2017-2020)

Technology and Engineering Editor, *Science Borealis* (2013-2015)

Co-President, LGBTQ and Allies in Engineering, University of Toronto, Toronto, Canada (2011-2012)

Treasurer, Skule Arts Festival, University of Toronto, Toronto, Canada (2009-2010)

Chair, Women’s Issues Assembly, Faculty of Applied Science & Engineering, University of Toronto, Toronto, Canada (2009-2010)

Teaching Assistant, Da Vinci Engineering Enrichment Program, University of Toronto, Toronto, Canada (2008)

Languages

English: Native speaker, fluent in speaking, reading and writing

French: Advanced skills in speaking, reading and writing

German: Beginner skills in speaking, reading and writing

Spanish: Beginner skills in speaking, reading and writing

Bengali: Native speaker, fluent in speaking, reading and writing

Hindi: Intermediate skills in speaking, reading and writing

Awards and Accomplishments

York University STS Graduate Program Conference Support Fund (2017, 2022)
Ontario Graduate Scholarship (2019-2020)
Enbridge Graduate Student Award (2019-2020)
Fieldwork/Research Cost Fund Award, York University (2019)
Association for the Study of Literature and the Environment Travel Award (2019)
Vernon Oliver Stong Graduate Scholarship in Science (2017)
York University Doctoral Fellowship (2016, 2017, 2018, 2019, 2020)
York University Graduate Studies Association Conference Support Fund (2015, 2016, 2017, 2018, 2019)
Faculty of Graduate Studies Professional Development Fund (2017, 2018, 2019)
CUPE 3903 Professional Development Fund (2016, 2017, 2018, 2019)
York University Graduate Bursary (2015, 2016, 2017, 2018, 2019, 2020)

Organizations

Society for the Social Studies of Science
European Association for the Study of Science and Technology
Association for the Study of Literature of the Environment
American Society for Environmental History
European Society of Environmental History
Association for Literature, Environment, and Culture in Canada

Publications, Media and Presentations

Peer-Reviewed Publications

Chaudhury, Aadita. "Strategic Essentialism and the Celebrity in Absentia of the Indigenous of the Andaman and Nicobar Islands in the Indian social imaginary" in *Indigenous Celebrity* by Robert Innes and Jennifer Adese (editors), University of Manitoba Press, April 2021.

Chaudhury, Aadita, and Sheila Colla. "Next Steps in Dismantling Discrimination: Lessons from Ecology and Conservation Science." *Conservation Letters*, November 17, 2020.
<https://doi.org/10.1111/conl.12774>.

Mitchell, Audra, and Aadita Chaudhury. "Worlding beyond 'the' 'End' of 'the World': White Apocalyptic Visions and BIPOC Futurisms." *International Relations*, August 18, 2020.
<https://doi.org/10.1177/0047117820948936>.

Manuscripts in preparation

"Translating Fiery Landscapes: Boundary-Work, Discourse and Economies of Attention in the Work of Fire Ecologists"

Academic Presentations

"Technologies for Survivance and Liberation: Sound, Power and Community" with Julian Henriques, Brian D'Aquino and Natalie Hyacinth, presented at Centre for Postdigital Cultures

Annual Conference 2022 - Technology Justice: The Theories and Practices of Freedom, Coventry University, Coventry, United Kingdom, June 16, 2022.

“Plant-building assemblages and the potential of ‘ruins’” presented at the Society for Social Studies of Science Conference, October 8, 2021.

“Sonic ecologies across (de)colonial spacetimes: a case study of Bengal with echoes from the Caribbean and the Southern US,” presented at the 2nd International Conference on Sonorities Research – Borderline Sonorities, June 9, 2021.

“Tracing Flows and Alchemical Transformations of “Phlogiston” in Contemporary Fire/Combustion Narratives.” presented at the Society for Social Studies of Science/European Association for the Study of Science and Technology (4SEASST) Conference, August 18, 2020.

“Translating Fiery Landscapes: Boundary-Work, Discourse and Economies of Attention in the Work of Fire Ecologists.” presented at the Society for Social Studies of Science (4S) Conference, New Orleans, Louisiana, United States, September 6, 2019.

“Chasing Fires.” presented at Narrative Science in Techno-Environments: Integrating History of Science with Environmental History and Humanities, London School of Economics and Political Science, London, United Kingdom, July 19, 2019. <https://www.narrative-science.org/events-narrative-science-project-workshops-environment.html>.

“Fire as Companion Species: Fighting Fire vs. Caring for Fire.” presented at the Association for the Study of Literature and the Environment (ASLE) Conference, Davis, California, United States, June 27, 2019.

“Fire as Companion Species: Speculative Futures in Fire Ecologies and More-Than-Human Relationalities in a Changing Climate.” presented at the Society for Social Studies of Science (4S) Conference, Sydney, New South Wales, Australia, August 30, 2018.

“Trickster Epistemologies and Worldviews in Twin Peaks.” Presented at the Society for Social Studies of Science (4S) Conference, Boston, Massachusetts, United States, September 2, 2017.

“STS as a Trickster Discipline: Potentials and Futurisms.” presented at the Northeast Science and Technology Studies (NESTS) Annual Conference, Toronto, Canada, April 21, 2017.

“The Naturecultures of Lyme Disease in North America.” Presented at the Society for Social Studies of Science/European Association for the Study of Science and Technology (4S/EASST) Conference, Barcelona, Catalonia, Spain, September 1, 2016.

“Canada’s War on Science and the Role of the Diversified Media.” Presented at the International Conference on “Crony Journalism: Redefining Journalistic Practices,” Santiniketan, West Bengal, India, January 18, 2014.

Invited Talks

Invited speaker at Tufts University’s Science, Technology and Society Lunch Seminar (Online Event). February 19, 2021

Invited speaker at the “Electrifying Women” panel at the British Society for History of Science (BSHS) Global Digital History of Science Festival (Online Event). July 9, 2020

Invited speaker on “Academic Trajectories and Historians of Science in Science Communication” at Virtual HistSTM Community (Online Event). July 2, 2020.

Plenary speaker at Anthropocene Campus Melbourne, organized by the Alfred Deakin Institute for Citizenship and Globalization, Deakin University, in Melbourne, Victoria, Australia. September 6, 2018

Discussant, at talk by Zoe Todd: “Fishy Futures – Refracting the Future” at the Technoscience Salon, University of Toronto, February 2, 2018

Invited speaker/"provocateur" at the Engineering Change Lab, York University, Toronto, Ontario, Canada. June 9, 2017.

Invited speaker at the Toronto March for Science, Toronto, Ontario, Canada, April 21, 2017.
<https://sciencemarchto.ca/>.

Writing for anthropology and STS blogs

“Exploring Anthropologies of Medicine and Health across Borders at 4S 2018.” *Somatosphere* (blog), October 8, 2018. <http://somatosphere.net/2018/sts-across-borders.html/>.

“The Sounds of STS: In Conversation with Prof. Stefan Helmreich.” *Platypus* (blog). Accessed May 13, 2019. <http://blog.castac.org/2018/06/the-sounds-of-sts-in-conversation-with-prof-stefan-helmreich/>.

Podcast Episodes

“Interview with Ulrike Felt” in *Technoscience*. April 23, 2020.
<https://technoscience.zencast.website/episodes/4>.

“Interview with Wen-Hua Kuo” in *Technoscience*. March 27, 2020.
<https://technoscience.zencast.website/episodes/2>.

"Laughing Disparagingly at the Google Memo Dude with Aadita Chaudhury" in Hannah McGregor's *Secret Feminist Agenda*. October 13, 2017.
<https://secretfeministagenda.com/2017/10/13/episode-13-laughing-disparagingly-at-the-google-memo-dude-with-aadita-chaudhury/>.

Science Writing

“How To Decolonize Your Science Curriculum.” *How We Get To Next*, March 28, 2019.
<https://howwegettonext.com/how-to-decolonize-your-science-curriculum-9d66e02ce9e>.

“Women and Technology: An Ever-Evolving Relationship.” *Science Borealis*. March 26, 2015.
<http://blog.scienceborealis.ca/women-and-technology-an-ever-evolving-relationship/>.

“Ringing in the New Year with...Light.” *Science Borealis*. January 5, 2015.
<http://blog.scienceborealis.ca/ringing-in-the-new-year-with-light/> .

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“Space Exploration (or, Engineering on a Budget).” (with Sri Ray-Chauduri) *Science Borealis*.
October 14, 2014. <http://blog.scienceborealis.ca/space-exploration-or-engineering-on-a-budget/>.

“What Does Ebola Have to Do with Engineering?” (with Sri Ray-Chauduri) *Science Borealis*.
August 5, 2014. <http://blog.scienceborealis.ca/what-does-ebola-have-to-do-with-engineering/>.

“Engineering the Earth.” *Science Borealis*. April 28, 2014.
<http://blog.scienceborealis.ca/engineering-the-earth/>.

“So What, Exactly, Does an Engineer Do?” *Science Borealis*. February 3, 2014.
<http://blog.scienceborealis.ca/so-what-exactly-does-an-engineer-do/>.

Editorials

“Why White Supremacists and Hindu Nationalists Are so Alike.” *Al Jazeera*, December 13, 2018.
<https://www.aljazeera.com/indepth/opinion/white-supremacists-hindu-nationalists-alike-181212144618283.html>.

Professional References

Prof. Aryn Martin, Department of Sociology, York University – aryn@yorku.ca

Prof. Natasha Myers, Department of Anthropology, York University – nmyers@yorku.ca

Prof. Peter Vandergeest, Department of Geography, York University – pvander@yorku.ca