

## Education

### **PhD in Science and Technology Studies (2016-2021) York University, Toronto, Canada**

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

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

## Professional Experience

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

February 2019-June 2019

- Assisted with a department-wide project called “California at Risk” studying the various kinds of infrastructural and environmental challenges facing California, including but not limited to sustainable energy transitions, earthquakes, wildfires, drought and floods, from decolonial, feminist points of view using a combination of ethnography, digital methods and other methodologies.
- Participated in and assisting in department wide graduate student social and research activities, including the organization of research seminars, collaborative student/faculty initiatives, writing support and feedback, and various other forms of academic peer support.

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

July 2018-Present

- Assisting in research surrounding questions of gender, race, class in narratives of environmental destruction and degradation, ecological collapse and extinction of plants and animals, using academic texts, news reports, creative works of fiction and arts and other genres of writing and arts.
- Researching global policy perspectives on environmental change, biological diversity, conservation and environmental international relations.
- Writing academic reports and papers for publication and presentation at national and international conferences.
- Created a detailed annotated bibliography on contemporary scholarship on human extinction narratives, global catastrophic risk, and race.

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

September 2016 – Present

- Providing support for the teaching of undergraduate courses in general science, history of science and science, technology and society through classroom management, exam invigilation, assignment and test grading and student support.
- Courses: Scientific Change; Technology and Civilization; History of Astronomy; Physics and Technology for Future World Leaders; Understanding Colour; Plant Life, Human Life; Human Development

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

February 2016 – May 2016

- Supported the implementation of activities related to the Sustainable Lifestyles and Education Programme, through social media and communication duties, such as website and newsletter maintenance, research, and logistical preparation of workshop and events.
- Helped create a program for mentorship and education about the diverse projects of the United Nations Environment Programme in collaboration with other interns, in the service of present and future interns.

## **Coordinator, Eco-Arts and Media Festival, Faculty of Environmental Studies, York University, Toronto, Canada**

September 2015 – April 2016

- Participated in the organization of a fine and performing arts festival catered to the Faculty of Environmental Studies and the wider community.
- Provided space and resources for the development of artistic projects for community members within the Faculty of Environmental Studies.
- Organized events and workshops dealing with creativity, social justice and the environment leading up to the festival.

## **Graduate Researcher, York University, Toronto, Canada**

September 2014 – August 2016

- Conducted research on human-environment relations from ecological, sociocultural, economic, historical and philosophical perspectives.
- Wrote a thesis on the human-environment connection behind Lyme disease.
- Conducted case studies on food justice, feminism, agriculture, biopolitics and intellectual property in global environmental discourse.

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

July 2013 – June 2014

- Coordinated correspondence, planning and programming among students, staff, professors, special guests and contractors to run an entrepreneurship development program directed towards university students.
- Created content for and oversaw the development of the Entrepreneurship Hatchery website.

## **Process Engineer-in-Training, SNC-Lavalin Inc., Toronto, Canada**

August 2012 – June 2013

- Involved in hazards analysis resolution, hydraulics calculations and inter-department coordination for the brownfield expansion of a potash mine in Vanscoy, Saskatchewan and a nickel mine in the Manisa Province, Turkey.

- Drafted process flow diagrams and piping and instrumentation diagrams for a new copper mining project in Panama.

## **Summer Engineering Student, Agrium Inc., Toronto, Canada**

June 2011 – August 2011

- Aided in overseeing the brownfield expansion of a potash mine in Vanscoy, Saskatchewan.
- Involved in budget management, materials and equipment procurement, model reviews, hazards analysis, technical writing and technical document management.
- Acted as liaisons between different departments and collaborators contributing to the project and reported findings to the Engineering Manager.
- Utilized project management software and document control software for aiding in communication between different departments.

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

Summer 2010

- Conducted research on various applications on algae and cyanobacteria.
- Employed microbiology techniques such as media preparation, aseptic technique, PCR, gel electrophoresis
- Composed a final report detailing the findings of the project.

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

Summer 2009

- Researched the remediation by petroleum contaminated soil and groundwater by microbial communities and composed a final report detailing project findings.
- Used principles and techniques of microbiology, molecular biology and analytical chemistry to identify and isolate organisms degrading petroleum products naturally.

## **Professional Development**

### **Participant, 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.

### **Plenary Speaker and Participant, 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**

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

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

# Aadita Chaudhury

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](http://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)

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: Intermediate skills in speaking, reading and writing

German: Intermediate skills in speaking, reading and writing

Spanish: Intermediate skills in speaking, reading and writing

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

Hindi: Intermediate skills in speaking, reading and writing

Irish: Beginner skills in speaking, reading and writing

Arabic: Beginner skills in speaking, reading and writing

## Awards and Accomplishments

- 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, 2020)
- Faculty of Graduate Studies Professional Development Fund (2017, 2018, 2019, 2020)
- 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

## Publications, Media and Presentations

### Manuscripts in submission

“Worlding beyond ‘the’ ‘end’ of ‘the world’: BIPOC futurisms confront white apocalyptic imaginaries” (co-authored with Audra Mitchell) in *International Relations*. In review.

“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 (forthcoming).

### Manuscripts in preparation

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

### Academic Presentations

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

“Chasing Fires.” presented at the 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, 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 Annual Meeting for the Society for Social Studies of Science, Sydney, New South Wales, Australia, August 30, 2018.

“Trickster Epistemologies and Worldviews in Twin Peaks.” Presented at the Annual Meeting for the Society for Social Studies of Science, Boston, Massachusetts, United States, September 2, 2017.

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

“The Naturecultures of Lyme Disease in North America.” Presented at the 4S/EASST Conference 2016: Science and Technology by Other Means, 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

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/>.

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

“Space Exploration (or, Engineering on a Budget).” (with Sri Ray-Chaudhuri) *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-Chaudhuri) *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](mailto:aryn@yorku.ca)

Prof. Natasha Myers, Department of Anthropology, York University – [nmyers@yorku.ca](mailto:nmyers@yorku.ca)

Prof. Peter Vandergeest, Department of Geography, York University – [pvander@yorku.ca](mailto:pvander@yorku.ca)