

Xan Sarah Chacko

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EDUCATION

- 2018 Ph.D. Cultural Studies with Designated Emphases in Feminist Theory and Research, and Science & Technology Studies, University of California, Davis
- 2008 M.Sc. History, Philosophy and Sociology of Science, Technology and Medicine, Imperial College and University College, London
- 2005 B.A. Physics and Women's Studies, Wellesley College, Wellesley, Massachusetts

ACADEMIC APPOINTMENTS

- 2022-26 Director of Undergraduate Studies & Lecturer in Science, Technology, and Society, Brown University, Rhode Island
- 2021-22 Mellon Postdoctoral Fellow in Women's and Gender Studies, Wellesley College, Massachusetts
- 2018-20 Postdoctoral Research Fellow in Intellectual Property, Food Security, and Agriculture, School of Law, University of Queensland, Brisbane

ARTICLES AND CHAPTERS

- 2024 "The Vault Is a Bunker, The Arsenal Are Seeds," *LA+: Landscape Architecture Plus* [In Press].
- 2023 "(Un)making labor invisible: A syllabus," co-authored with Patrick Anthony, Juliana Broad, Zachary Dorner, Judith Kaplan, Duygu Yldrm *History of Science* [In Press].
- 2023 "Lively Stasis: Care and Routine in Living Collections of Flies and Seeds," co-authored with Jenny Bangham *Centaurus* 65.2: 337-364.
- 2023 "Nothing Comes Without its Story" *American Anthropologist* 125(3): 679-681
- 2023 "Introduction: Domestication of War," co-authored with Astrida Neimanis, Diana Pardo Pedraza, and Jennifer Terry, *Catalyst: Feminism, Theory, Technoscience*, 9(1): 1-15.
- 2022 "Invisible Vitality: The Hidden Labours of Seed Banking," in Jenny Bangham, Judith Kaplan, and Xan Chacko eds. *Invisible Labour in Modern Sciences* Rowman & Littlefield International
- 2022 "Introduction" co-authored with Jenny Bangham and Judith Kaplan in Jenny Bangham, Judith Kaplan, and Xan Chacko eds. *Invisible Labour in Modern Sciences* Rowman & Littlefield International

- 2022 “Seeds,” in *An Anthropogenic Table of Elements* eds. Timothy Neale, Courtney Addison and Thao Phan, University of Toronto Press
- 2022 “Stringing, Reconnecting, and Breaking the Colonial ‘Daisy Chain’: From Botanic Garden to Seed Bank,” *Catalyst: Feminism, Theory, and Technoscience*, 8 (1) 1-30.
- 2021 “Seed: Gendered Vernaculars and Relational Possibilities,” co-authored with Susannah Chapman *Feminist Anthropology*, 3 (1) 1-9.
- 2021 “What Should Farmers’ Rights Look Like? The Possible Substance of a Right,” co-authored with Kamalesh Adhikari, Edwin Bikundo, Susannah Chapman, Fran Humphries, Hope Johnson, Evan Keast, Charles Lawson, Justin Malbon, Daniel Robinson, Michelle Rourke, Jay Sanderson, and Kieran Tranter, *Agronomy*, 11 (2) 1-19.
- 2020 “The Cosmopolitics of Food Futures: Imagining Nature, Law, and Apocalypse,” co-authored with Jocelyn Bosse and Susannah Chapman, *Continuum: Journal of Media & Cultural Studies*, 34 (6) 1-19.
- 2019 “Digging Up Colonial Roots: The Less-known Origins of the Millennium Seed Bank Partnership,” *Catalyst: Feminism, Theory, and Technoscience*, 5(2) 1-9.
- 2019 “Creative Practices of Care: The Subjectivity, Agency and Affective Labor of Preparing Seeds for Long-term Banking,” *Culture, Agriculture, Food, and Environment* 41 (2) 97-106.
- 2019 “Seeds,” Theorizing the Contemporary, *Fieldsights* in collection ‘An Anthropogenic Table of Elements’ eds. Timothy Neale, Courtney Addison and Thao Phan, *Cultural Anthropology*, June 27. <https://culanth.org/fieldsights/seeds-1>
- 2018 “When Life Gives You Lemons: Frank Meyer, Authority, and Credit in Early Twentieth-Century Plant Hunting,” *History of Science* 56(4), 432-469.

EDITED VOLUMES AND SPECIAL ISSUES

- 2023 ‘The Domestication of War’ co-edited with Astrida Neimanis, Diana Pardo Pedraza, Jennifer Terry, *Catalyst: Feminism, Theory, and Technoscience*, 9(1).
- 2022 *Invisible Labour in Modern Sciences* co-edited with Jenny Bangham and Judith Kaplan, in ‘Global Epistemics’ Series, Rowman & Littlefield International

SHORTER ARTICLES, ESSAY REVIEWS, AND POPULAR PRESS

- 2023 Book Review of *How I Became a Tree* by Sumana Roy. co-written with Sushmita Chatterjee, Laura Foster, Brian Sabel, sam smiley, and Banu Subramaniam. *Configurations* 31, no. 1 (2023): 96-98.
- 2022 “Open Doors, Collaborations, and Biomedical Activism: An Interview with Danya Glabau,” *4S Backchannels*, 15 August. <https://www.4sonline.org/interview-with-danya-glabau/>
- 2022 “Excess, Networks, and World-Building: An Interview with Alison Powell,” *4S Backchannels*, 7 March. <https://www.4sonline.org/excess-networks-and-world-building-interview-with-alison-powell/>

- 2020 “Intellectual Property of Native Foods,” co-written with Kamallesh Adhikari and David Jefferson, Legal Fact Sheets for the Australian Research Council Industrial Transformation Learning Centre on Uniquely Australian Foods. <https://uniquelyaustralianfoods.org/resources/legal-fact-sheets-2/>
- 2019 “Calm Yourself, the World is Ending,” *Opinion* Sydney Environmental Institute (SEI), 6 May. <http://sydney.edu.au/environment-institute/blog/calm-world-ending/>
- 2018 Book Review of *Care of the Species* by John Hartigan Jr., *Ethnic and Racial Studies* 42(8), 1364-1366.
- 2017 “The Science of Preparing Seeds for Banking,” in *How to calm yourself after seeing a dead body-Techniques*, Exhibition Catalog for Dénes Farkas, (Tallinn: Lugemilk Press,) pp. 89-95.
- 2016 “Drinking Our History Together: Nilgiri Orange Pekoe Tea,” *Blog* Indian Ocean Worlds Research Cluster, 8 July.

PUBLICATIONS IN PROGRESS

The Last Seed: Botanic Futures in Colonial Legacies [Book Manuscript, under contract with University of Washington Press].

EXTERNAL GRANTS & FELLOWSHIPS

- 2023 New England Humanities Consortium Seed Grant with Elaine Gan (Wesleyan University) and Colin Hoag (Smith College) - Botanical Humanities
- 2023 Collection to Cultivation Visiting Fellowship
- 2022 Black Brown Queer Plus (BBQ+) Fellowship
- 2021 Black Brown Queer Plus (BBQ+) Book Seminar Grant
- 2021 Faculty of Color Working Group Symposium Grant
- 2019 History of Science Society Travel Grant
- 2016 National Science Foundation Doctoral Dissertation Improvement Research Grant
- 2016 Association of American University Women (AAUW) International Fellowship
- 2016 Kathryn Preyer Fellowship, Wellesley College Extramural Graduate Fellowship
- 2016 Bancroft Library Grant, University of California, Berkeley
- 2016 AUFF Visiting Grant, Aarhus University Faculty of Arts
- 2016 Society for the Social Studies of Science Travel Grant
- 2015 Collaboratory for Ethnographic Design (CoLED) Summer Grant
- 2015 Cultivating Innovation Travel Grant
- 2014 Society for Literature, Science, and the Arts Travel Grant
- 2015 Cultural Studies Society Travel Grant
- 2013 History of Science Society Travel Grant
- 2013 Society for the Social Studies of Science Travel Grant

AWARDS

- 2020 Excellence in Cross-Faculty Research Award within the Australian Research Council Laureate Team, University of Queensland, Business, Economics, & Law Faculty
- 2014 Best Poster Prize for “*Protective Pictures: The Role of the Image in Plant Patents*,” History of Science Society

INTERNAL GRANTS & FELLOWSHIPS

- 2022 Social Science Summer Research Program (SSSRP), Wellesley College
- 2021 Paulson Initiative Course Grant, Wellesley College
- 2021 Provost’s Faculty Research Grant, Wellesley College
- 2021 Knapp Fellows Program Award, Wellesley College
- 2021 Paulson-Frost Practitioner-Fellow Award, Wellesley College
- 2020 Internal Research Fund, TC Beirne School of Law
- 2019 BEL Connect Faculty Grant, TC Beirne School of Law
- 2019 Collaborative Research Grant, TC Beirne School of Law
- 2018 Mentoring at Critical Transitions Wakeham Fellowship, UC Davis
- 2017 Provost’s Dissertation Year Fellowship, UC Davis
- 2017 Institute for Social Science Reading Group Grant, UC Davis
- 2017 Feminist Research Institute Working Groups Grant, UC Davis
- 2015 American Studies Graduate Travel Grant, UC Davis
- 2015 Cultural Studies Research Quarter Fellowship, UC Davis
- 2015 Humanities and Arts Dean’s Summer Fellowship, UC Davis
- 2015 Cultural Studies Special Project Grant, UC Davis
- 2015 Mellon Research Initiative in Digital Cultures Summer Stipend, UC Davis
- 2013 Humanities and Arts Dean’s Summer Fellowship, UC Davis
- 2012 Mellon Research Initiative in Environments & Societies Summer Fellowship
- 2012 Cultural Studies Summer Research Fellowship, University of California (’12-’18)
- 2011 Dean’s Recruitment Fellowship, University of California, Davis

INVITED TALKS & WORKSHOPS

- 2023 Seed and Agrodiversity Workshop, Carnegie Mellon University, September 28
- 2023 “When Life Gives You Lemons,” in *Seeing the Forest and the Trees: Exploring the Social History of the Outdoors*, Native Plant Trust, June 21
- 2023 “Banking on the Past: The Colonial Networks of Seed Conservation,” in *Colonial Natures*, University of Cambridge, May 24
- 2023 Roundtable Discussion “Monocultures Meets Crop Diversity Workshop,” University of Cambridge, May 18
- 2023 “Empty Fields: Furtive Abundance and Weaponized Loss in the Seed Bank Database” in *Abundance and Loss: Narratives of Diversity across the Natural and Human Sciences*, Department of History, Princeton University, February 3-4

- 2022 “Transdisciplinary Ethnographic Engagements” Program in Latin American Studies, Princeton University, April 28-29
- 2022 “Plants and Seeds in EcoMedia” Department of Media Studies, Amherst College, November 1.
- 2022 “Sustaining the Future: Seed Banks, Gendered Labour, and Care” Department of Urban and Community Studies, University of Connecticut, October 26.
- 2022 “Rendering Life Intangible: The Unruly Meta-Data of Seeds” Department of Digital Design and Information Studies, Aarhus University, October 3.
- 2022 “Seed Care and Vegetal Relations,” Feminist History and Philosophy of Science Colloquium, University of Cambridge, April 29.
- 2021 “Farming in Precarity: Indigenous Strategies of Resistance.” Race and Technology Speaker Series, Elliott School of International Affairs, George Washington University, November 22.
- 2021 “Sustaining the Future: Seed Banks, Gendered Labour, and Care” Department of Urban and Community Studies, University of Connecticut, November 3.
- 2021 “Invisible Labours: The Liveliness, Subjectivity, and Violences of Seed Banking,” Begemann-Gordon Lecture Series, Georgia College, October 14.
- 2021 “From Garden to Vault: The Less-Known History of the Millennium Seed Bank Partnership,” Empire & Environment in the Museum Workshop, University of Cambridge, September 1.
- 2021 “Teaching the Implosion: Pedagogy and Feminist STS,” Deakin Science and Society Network (SSN) and the Australasian STS grad network (AusSTS), March 15.
- 2021 “Colonial Botany -or- Who put the potato in my curry?” George Washington University, March 8.
- 2020 “Invisible Vitality: The Hidden Labours of Seed Banking,” Centre for Environmental Humanities, Aarhus University, 28 November.
- 2020 “Speculative Care,” Feminist Research Practices Roundtable Series, Edith Cowan University, 1 September.
- 2019 “Protection or Prohibition: The Awkward Reconciliation of Intellectual Property and Biodiversity Conservation,” TECHNIS Series, University of Crete, 5 November.
- 2019 “Data Imaginaries: Frictions and Flattenings in the Data Lives of Seeds,” Data Then and Now Series, eScience Institute, University of Washington, 6 June.
- 2019 “The vault is a bunker, the arsenal are seeds: Plants, Precarity, and the Cunning of Militarised Logic,” Everyday Militarisms Collaboratory, University of Sydney, 22-27 April.
- 2018 “Feminism, Journalism, and Science,” Seminar Series, Manorama School of Communication, Kottayam, 17, 19 October.
- 2017 “Making Life Bankable: Care and Violence in the Embodied Practices of Seed Banking,” Seeds for Survival: A Workshop on the History and Practice of Seed Banking, University of Cambridge, 26-27 June.

- 2017 “Care Practice in the Seed Science,” Data Crunch Reading Breakfasts, University of Exeter, 4 May.
- 2016 “From Illustration to Observation: Gendered Change in Botanical Painting (1910-1915),” Gender and History Graduate Conference Series, University of Cambridge, 4 February.
- 2015 “Banking Plants for Gaming the Future,” Biobanks and the Communication of Risk Knowledge Workshop, Brocher Foundation, Switzerland, 23-25 November.
- 2015 “Material Publication,” History and Philosophy of Science Workshop, University of Cambridge, 28 October.
- 2015 “Protective Pictures: The Role of the Image in Plant Patents,” Cultivating Innovation, John Innes Centre, Norwich, 13 April.

CONFERENCE PRESENTATIONS

- 2023 “Queering the Greenhouse: Rethinking Kinship Through Horticultural Labor,” Society for the Social Studies of Science Annual Meeting, Honolulu, Hawaii, 7-10 November.
- 2022 “Dematerializing Hope: Seed Banks and Their Database of Trees,” Society for the Social Studies of Science Annual Meeting, Cholula, Mexico, 7-10 December.
- 2022 “Planting the Seeds for Critical Conservation: A Decolonial Guide to Visiting Britains Seed Banks,” Disrupting Climate Politics, Centre for Applied Philosophy, Politics and Ethics (CAPPE), University of Brighton, August 31-September 2.
- 2022 “Food Sovereignty in a Nordic Context,” Agricultural History Society, 2022 Annual Meeting, Stavanger, Norway, 4-6 August.
- 2022 “Invisible Labour in Modern Science,” Lets Get to Work: Bringing Labor History and the History of Science Together, 2022 Gordon Cain Conference, Philadelphia, Pennsylvania, 2-4 June.
- 2021 “Raising Satyagraha: Insisting on the Truth at a Time of Planetary Crisis,” American Anthropological Association Annual Meeting, Baltimore, Maryland, 17-21 November.
- 2021 “Overtaking (bio)Control: Rice, Pests, and Resistance to the Chemical Lure,” Annual Conference on South Asia, Madison, Wisconsin, 20-24 October.
- 2021 “Productive Rot: Summoning Natural Processes for Other-than-natural Ends,” Society for the Social Studies of Science Annual Meeting, Toronto, Canada, 6-9 October.
- 2021 “Frozen Vitality,” Society for Literature, Science, and the Arts Annual Conference, Ann Arbor, Michigan, 30 September - 3 October.
- 2021 “Lively Stasis: Care, Routine, and the Imaginaries of Scientific Collections,” The International Society for the History, Philosophy, and Social Studies of Biology (ISH-PSSB), Cold Spring Harbor Laboratory, July 13-20.
- 2021 “Decolonising Botany,” Northeast Organic Farming Association Conference, January 8-10, 2021

- 2019 “Propagating the Future: Seeds, Debris, and ‘Diversity’,” Cultural Studies Association of Australasia Annual Meeting, Brisbane, 4-6 December.
- 2019 “Resisting the Lure of the Elemental: Is the Seed Bank the Antithesis of a Multi-Species Future?,” Society for the Social Studies of Science Annual Meeting, New Orleans, Louisiana, 3-7 September.
- 2019 “Killing with Kindness: Adapting to Crisis in Seed Banking Protocols,” History of Science Society Annual Meeting, Utrecht, 23-27 July.
- 2019 “Standardising Life, Depicting Decay: Ellen Isham Schutt’s Watercolours of Rotting Apples, 1911-15,” International Society for the History and Theory of Intellectual Property, University of Technology Sydney, 3-6 July.
- 2019 “Banking on the End: Speculative Unravellings of the Frayed Futures of Frozen Life,” Association for the Study of Literature and Environment, Davis, California, 26-30 June.
- 2019 “Uncovering the Logic of Regeneration in Complex Living Systems,” Marine Biological Lab-Arizona State University History of Biology Seminar, Woods Hole, Massachusetts, 15-22 May.
- 2018 “Post-Colonial (bio)Prospects: Founding a Seed Bank for Kew Gardens,” History of Science Society Annual Meeting, Seattle, 1-3 November.
- 2018 “Except *Musa textilis*: Navigating Access to Plants in a Post-Treaty World,” Society for the Social Studies of Science Annual Meeting, Sydney, 30 August.
- 2018 “Figuring Fruit: The Science of Ellen Isham Schutt’s Pomological Illustrations of Decay (1911–1915)” Western Association of Women Historians Annual Conference, 27 April.
- 2018 “Pirates or Protectors: The Politics of Plant Conservation in the Anthropocene,” International Studies Association Annual Conference, 7 April.
- 2017 “The Germ and the Thaw: Maintenance, Performance and Care in Seed Banking,” Society for the Social Studies of Science Annual Meeting, Boston, 2 September.
- 2016 “Indigenous Innovation through Crisis: Growing Rice in Kerala, India,” History of Science Society Annual Meeting, Atlanta, 3-6 November.
- 2016 “Hedging the Apocalypse: Stories From the Practices of Seed Banking,” Society for the Social Studies of Science Annual Meeting, Barcelona, 31 August - 3 September.
- 2015 “Patenting Protection,” Openness and Intellectual Property, International Society for the History and Theory of Intellectual Property Annual Workshop, University of Pennsylvania, 22-24 July.
- 2014 “Garden of Defeating: Race and Plant Video Games,” American Anthropological Association Annual Meeting, Washington DC, 3-9 December, Society for Literature, Science, and the Arts Annual Meeting, Dallas, 9-12 October.
- 2014 “The Esopus and the Anthracanose,” Interruptions: Sciences, Feminisms, Knowledges, Center for Science, Technology, Medicine & Society, University of California, Berkeley, 18 April.

- 2013 “Forboding Fruit: Pomological Illustration as an Agent of Continuity,” History of Science Society Annual Meeting, Boston, 21-24 November.
- 2013 “Engendering Biomedical Science: Interdisciplinary Conflict and Collaboration,” Society for the Social Studies of Science Annual Meeting, San Diego, 9-12 October.
- 2013 “Tracing the Lemon: Material Publications in Botanical Gardens,” Cultural Studies Association Annual Meeting, Chicago, 23-26 May.
- 2013 “Material Publishing, Multiple Economies,” Association of American Geographers Annual Meeting 2013, Los Angeles, 9-14 April.
- 2012 “When Life Gives You Lemons: Frank Meyer’s Agro-utilitarian Vision of the Far East (1908-1918),” History of Science Society 2012 Annual Meeting, San Diego, 15-18 November.

CONFERENCE ACTIVITY

- 2023 **Panel Co-Organiser:** “Attending to Plants and their Entanglements” Society for the Social Studies of Science Annual Meeting, Honolulu, 8 November
- 2023 **Workshop Co-Organiser:** “Respecting Seeds: An Exploration into Saving Ethics and the Politics of Care in Gardens, Farms and Banks,” University of Cambridge, Funded by: FNRS, Facult de Sciences Sociales de IULB, ERC STG, Fondation Wiener Anspach, June 28-30. [Website]
- 2023 **Panel Chair:** “Global flows,” Monocultures Meets Crop Diversity Workshop, 18 May.
- 2022 **Panel Chair:** “Militarized Ecologies and Experiments in Racial Warfare,” American Studies Association Annual Meeting, 3-6 November.
- 2021 **Panel Co-Organiser:** “Respecting Seeds: An Exploration into Saving Ethics and the Politics of Care in Gardens, Farms and Banks,” Royal Anthropological Institute, Anthropology and Conservation Virtual Conference, 25-29 October.
- 2021 **Panel Co-Organiser:** “Afterlives of Technologies of Improvement in Agriculture,” Annual Conference on South Asia, Madison, Wisconsin, 20-24 October.
- 2021 **Panel Co-Organiser:** “Ecologies of Empire I, II,” Society for the Social Studies of Science Annual Meeting, Toronto, Canada, 6-9 October.
- 2021 **Panel Co-Organiser:** “Ferment as Method: Creating the Conditions for Transformative Relations I, II, III,” Society for the Social Studies of Science Annual Meeting, Toronto, Canada, 6-9 October.
- 2021 **Panel Co-Organiser:** “Vegetal Flows of Energy,” Society for Literature, Science, and the Arts (SLSA) Annual Meeting, Ann Arbor, Michigan, 30 September 30 3 October.
- 2019 **Panel Chair:** “Spotlight Session: Indigenous Perspectives,” Cultural Studies Association of Australasia Annual Meeting, Brisbane, 6 December.
- 2019 **Stream Co-curator:** “Post/de/anti-Colonial Science and Technology Studies,” (with Susannah Chapman) Cultural Studies Association of Australasia Annual Meeting, Brisbane, 4-6 December.

- 2019 **Panel Co-organiser:** “Community Tools: Care, Curation and Scientific Collectives,” (with Jenny Bangham) History of Science Society Annual Meeting, Utrecht, 23-27 July
- 2017 **Workshop Co-Organiser;** “Doing Science through Feminist Speculative Fiction Writing,” Society for the Social Studies of Science Annual Meeting, Boston, 2 September.
- 2015 **Roundtable Organiser:** “Gender in History of Science Pedagogy,” History of Science Annual Conference, San Francisco, 19-22 November.
- 2012 **Event Organiser:** Women’s Caucus Tea - Overflow, a networking opportunity for women scholars to collaborate, share experiences and give advice at the History of Science Society 2012 Annual Meeting, San Diego, 15-18 November.

CAMPUS TALKS & SYMPOSIA

- 2022 “From Data to Value in the ‘Empty Fields’ of Seed Banking”, Science, Technology, and Society Talk, Brown University, 10 November.
- 2022 Book Launch Panel Chair, *Endangered Maize: Industrial Agriculture and the Crisis of Extinction*, by Helen Curry, University of Cambridge, 13 May.
- 2022 “Learning Through Loss: Rice, Resistance, and Self-Reliance,” Wellesley for UNICEF Guest Lecture, 6 May.
- 2022 “Invisible Vitality: Revealing the Gendered Labor of Seed Conservation,” Knapp Social Science Center Faculty Speaker Series, Wellesley College, 28 February.
- 2020 “What Should Farmers Rights Look Like? The Substance of a Possible Right,” Co-writing Workshop, Griffith University, 7 February.
- 2019 “Seeds in the Anthropocene: Elemental Lures and Embodied Practice,” Anthropology Working Paper Series, University of Queensland, 19 August.
- 2019 “Law and Genetic Technology,” National Youth Science Forum Workshop, Brisbane, 18 January.
- 2018 “Post-Colonial Bioprospects,” TC Beirne School of Law, University of Queensland, Brisbane, 14 September.
- 2017 “HATCH Feminist Science Think Tank,” University of California, Davis, 25-27 May.
- 2017 “Screening Nature’s Potential: Care Practice in the Science of Saving Seeds,” Cultural Studies Colloquium, University of California, Davis, 2 November.
- 2015 “Archives of Risk,” Art of the Archive Workshop, Innovating Communication in Scholarship, University of California, Davis, 21 May.
- 2014 “To Fashion a Flora,” UC Davis STS Graduate Student Workshop, 3 March.
- 2013 “Engendering Biomedical science: interdisciplinary conflict and collaboration,” co-presenter with Chao-Yen Chin, Colleen Clancy, Liz Constable, Laura Grindstaff, Robert Irwin, and Crystal Ripplinger, Unauthorized Narratives and ‘Other’ Stories in Medicine: UC Davis Medical Humanities Symposium, 20 April.

- 2013 “Ambiguous Bodies and their Role in the Anatomy of Gender,” Queer, Feminist and Trans studies and the Undisciplining of Science, Annual conference of Queer, Feminist, and Trans (QFT) Studies Research Cluster, 16-17 May.
- 2013 “In the Time of Our Planting,” Making Time Matter: Exploring Temporal Materiality in Emerging Worlds, Annual UC Davis - UCSC Joint Graduate Conference, 11 May.
- 2012 “Forboding Fruit: an Exploration in Pomological Illustration,” Feminist Theory Meets X, Feminist Theory and Research Designated Emphasis Annual Conference, University of California, Davis, 16 March.
- 2008 “The Anatomy of Gender: A study of anomalies in nineteenth century Paris,” The Body Project, University College London, Woburn Square Slade Research Centre, 13 May.

TEACHING EXPERIENCE

BROWN UNIVERSITY, RHODE ISLAND

Instructor:

- 2023 Naturecultures: Feminist Futures of Environmental Justice (Spring).
- 2023 Invisible Labor in the Making of Science (Spring).
- 2022 Senior Seminar in Science, Technology, and Society (Fall).
- 2022 Race, Gender and Technologies (Fall).

WELLESLEY COLLEGE, MASSACHUSETTS

Instructor:

- 2022 Naturecultures: Feminist Futures of Environmental Justice (Spring).
- 2021 Gender and Technologies (Spring 2021, Fall 2021, Summer 2022).

Thesis Committee Member: Ann-Marsha Alexis, Meg Bolan, Kate Azar

UNIVERSITY OF QUEENSLAND, BRISBANE

PhD Dissertation Committee Member: Tad Brown, Laurencia Andrini

UNIVERSITY OF CALIFORNIA, DAVIS

Instructor:

- 2015 Introduction to Data Studies, Summer Session co-taught with Joseph Dumit.
- 2013 Gender, Science and Social Justice (Summer Session 2013, Fall 2013, Spring 2015).
- 2014 Technology in American Lives, Fall.
- 2014 Sexualities, Summer Session.

Teaching Assistant:

- 2014 Sexualities - Wendy de Souza, Spring.

- 2014 Objects in American Culture. Abigail Boggs, Winter.
- 2013 Introduction to Asian American History. Richard Kim, Spring.
- 2013 Asian American Cultural Studies. Michele Carlson, Winter.
- 2012 Images of America and Americans in Popular Culture. Caren Kaplan, Fall.

PRISON UNIVERSITY PROJECT, SAN QUENTIN CORRECTIONAL FACILITY, CA

Instructor:

- 2018 Intermediate Algebra, (Spring 2018, Spring 2014).
- 2014 Introduction to Biology, Fall.
- 2013 Elementary Algebra, Spring.

THE ROYAL INSTITUTION MATHEMATICS MASTERCLASSES, LONDON

- 2008-09 Assorted Mathematics and Engineering Masterclasses.

WORK AND RESEARCH EXPERIENCE

VISITING STUDENT

- 2017 University of Exeter, Centre for the Study of the Life Sciences (Egenis)
- 2016 Aarhus University Research on the Anthropocene Group (AURA)
- 2015-16 University of Cambridge, History and Philosophy of Science (HPS)
- 2002-05 Massachusetts Institute of Technology, Cross-registration with courses in Science & Technology Studies, and Nuclear Engineering
- 2002 University of Cape Town, “Contrasts in the Cape of Good Hope,” Summer Study Abroad Course

GRADUATE STUDENT RESEARCHER, UNIVERSITY OF CALIFORNIA, DAVIS

- 2015 Data Studies interviews (Oracle, Facebook, Apple, Pandora) and curriculum development, Joseph Dumit, Winter-Summer
- 2013 “Cineorama,” Caren Kaplan, Summer.
- 2012 “How Flowcharts Got into the Brain,” Joseph Dumit, Summer.
- 2012 “Small Pox and Disability in Early Modern France,” Catherine Kudlick, Summer.

WORK EXPERIENCE

- 2010 **LOréal-UNESCO For Women In Science Project Manager:** Royal Institution of Great Britain, London.
- 2009 **Christmas Lectures Researcher:** *The 300 Million Year War* Royal Institution of Great Britain, London.
- 2005-07 **Fixed Income Derivative Sales Analyst:** BNP Paribas Securities Corp, New York, NY. *License:* United States Securities and Exchange Commission Broker/Trader, Issued 2005.

- 2003-05 **Reactor Operator:** MIT Nuclear Reactor Lab, Cambridge, Massachusetts.
License: United States Nuclear Regulatory Commission Reactor Operator, Issued 2003.

SERVICE TO PROFESSION

- 2019– **External Examiner:** BA Honours Thesis (1), MSc Dissertation (1), PhD Confirmation (1).
- 2018– **Assistant Editor:** *Backchannels*, Society for Social Studies of Science.
- 2018– **Reviewer:** *American Ethnologist*, *Catalyst: Feminism, Theory, and Technology*, *Cultural Anthropology*, *Ethnic and Racial Studies*, *Journal of Agricultural and Environmental Ethics*, *TECNOSCIENZA: Italian Journal of Science & Technology Studies*.

UNIVERSITY SERVICE

WELLESLEY COLLEGE

- 2022 **Co-Panelist:** BOW Book club forum on *An Ugly Truth: Inside Facebook's Battle for Domination*, 20 April.
- 2021 **Co-Organizer:** Alumni Panel in Women's and Gender Studies, 17 May.

UNIVERSITY OF QUEENSLAND

- 2019-20 **Reading Group Convener:** Law, Science and Technology.
- 2018-20 **Reading Group Co-convener:** Ethnography and Practice (with Susannah Chapman).

UNIVERSITY OF CALIFORNIA, DAVIS

- 2018 **Panel Chair:** "Inanimate and Nonhuman Objects and Practices of Care," Queering Care & Cure, Queer, Feminist, and Trans Studies Research Cluster Conference, May 4.
- 2017-18 **Reading Group Convener:** Speculative Ecofeminist Futures Reading Group.
- 2017-18 **Admissions Committee Representative:** Participate in the review and evaluation of applications to the Cultural Studies Graduate Group.
- 2015 **Panel Moderator:** "(Un)Digitizing Bodies and Selves," The Social Life of Medical Data, Innovating Communication in Scholarship Workshop, June 10.
- 2015 **Panel Co-Organiser:** "Non-human Feminism," Emergent Feminisms in the 21st Century, Feminist Theory and Research Designated Emphasis Annual Conference, May 31.
- 2014 **Conference Co-Organiser;** "The Contours of Algorithmic Life," Conference sponsored by the Mellon Research Initiative in Digital Cultures, May 15-16.

- 2013 **Panel Organiser:** “Feminist Approaches to Militarisation,” Gender This! Feminist Theory and Research Designated Emphasis Annual Conference, May 31.
- 2012-13 **Reading Group Convenor:** “Sex and Gender in Women’s Cardiovascular Health,” School of Medicine and College of Arts and Letters.
- 2012 **Conference Co-organiser:** “Feminist Theory Meets X,” Feminist Theory and Research Designated Emphasis Annual Conference, March 16.
- 2012 **Conference Co-organiser:** “Queer (In)security,” Annual conference of Queer, Feminist, and Trans (QFT) Studies Research Cluster and the Militarization and Gender Research Cluster, May 3-4.

COMMUNITY OUTREACH

- 2013 Public Talk: “When Life Gives You Lemons: Frank Meyer’s Hunt for Pomological Perfection,” Nerd Nite SF, 18 December.
- 2011 Editor: “ONTOLOGUE 2010,” Publication Studio: Portland, Oregon. http://www.ontologue.com/ontologue_white_box.pdf

READING GROUP AND RESEARCH CLUSTER MEMBERSHIPS

- 2021-22 Plant Studies Collaboratory, York University
- 2018–21 Composting Feminisms, University of Sydney
- 2017– Ecofeminist Speculative Fiction, Davis, California
- 2011-18 Critical Militarization Research Group, University of California, Davis

PROFESSIONAL AFFILIATIONS

- 2020– Board Member of The Duleep Mathai Conservation Trust
- 2014– American Anthropological Association
- 2011– Society for Social Studies of Science (4S)
- 2009– History of Science Society

LANGUAGES AND SOFTWARE

- Native Speaker: English and Malayalam
- Proficient: French and Hindi
- Microsoft Office, OS X, Java script, Visual Basic, SQL, R

REFERENCES

Mario Biagioli	Law and STS	biagioli@law.ucla.edu
Joseph Dumit	Anthropology and STS	dumit@ucdavis.edu
James Griesemer	Philosophy	jrgriesemer@ucdavis.edu
Caren Kaplan	American Studies & Cultural Studies	cjkaplan@ucdavis.edu
Banu Subramaniam	Women, Gender, Sexuality Studies	banu@wost.umass.edu

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