

# Alison Kenner

## EDUCATION

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2011 Ph.D. Science & Technology Studies, Rensselaer Polytechnic Institute

Dissertation Title: Breathtaking: Contemporary Figures of U.S. Asthma Care

Committee: Mike Fortun (chair), Kim Fortun, Dean Nieusma, Tomie Hahn

2006 M.A. Women's Studies, *magna cum laude*, University of Albany, SUNY

Thesis Title: From Triumph to Tragedy: The 1911 Triangle Fire as Historical Hypertext Fiction

Committee: Vivien Ng (chair), Janell Hobson, Edward Schwartzschild

2003 B.A. English, *magna cum laude*, University of Albany, SUNY

Minors in Philosophy and Women's Studies

## ACADEMIC APPOINTMENTS

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2019-present

*Associate Professor*

Department of Politics + Center for Science, Technology and Society  
College of Arts and Sciences, Drexel University, Philadelphia, PA

2013-2019

*Assistant Professor*

Department of Politics + Center for Science, Technology and Society  
College of Arts and Sciences, Drexel University, Philadelphia, PA

2011-2013

*Managing Editor and Intern Program Director*

*Cultural Anthropology*, The Journal of the Society for Cultural Anthropology  
Duke University, Durham, NC

2011-2013

*Adjunct Instructor*

Department of Science & Technology Studies  
School of Humanities, Arts, & Social Sciences, Rensselaer Polytechnic Institute, Troy, NY

### During graduate studies at Rensselaer Polytechnic Institute

2008-2010

*Managing Editor*

*Cultural Anthropology*, the Society for Cultural Anthropology  
Rensselaer Polytechnic Institute, Troy, New York

2006-2008

*Teaching Assistant (4 terms)*

TA positions: joint instructor (1 term), recitation instructor (3 terms)

Department of Science & Technology Studies

School of Humanities, Arts, & Social Sciences, Rensselaer Polytechnic Institute, Troy, NY

2005-2008

*Adjunct Instructor (4 terms)*

Department of Women's Studies

School of Arts and Social Sciences, University at Albany, SUNY, Albany, New York

2007-2008

*Editorial Assistant*

*Cultural Anthropology*, the Society for Cultural Anthropology

Rensselaer Polytechnic Institute, Troy, New York

During graduate studies at the University at Albany, SUNY

2004-2006      *Graduate Assistant*  
The New York State Writer's Institute  
University at Albany, SUNY, Albany, New York

2005            *Teaching Assistant (1 term)*  
Department of Women's Studies  
School of Arts and Sciences, University of Albany, SUNY, Albany, New York

## GRANTS

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### **Funded External Grants**

Title: Indexing Energy Performance in Housing Servicescapes: A Multiscale Study in the U.S. Mid-Atlantic Region

Type: Research

Sponsoring Agency: National Science Foundation; Science, Technology, and Society Program

Role: PI

Dates: April 1, 2019 - March 21, 2022

Amount: \$352,979

Title: The Climate-Ready Home

Type: Education/Curriculum Development

Sponsoring Agency: Franklin Institute/National Science Foundation

Role: PI (With Co-PIs: Russ Zerbo (Clean Air Council), Thomas Flaherty (Energy Coordinating Agency), Julia Menzo (Liberty Lutheran), Deepa Mankikar (National Nurse-Led Care Consortium), and Alexandra Skula (Philadelphia Department of Public Health))

Dates: January 2019 – September 2019

Amount: \$20,000 (Drexel received \$4,000)

Title: The Climate-Ready Home

Type: Education/Curriculum Development

Sponsoring Agency: Franklin Institute/National Science Foundation

Role: PI (With Co-PIs: Russ Zerbo (Clean Air Council), Thomas Flaherty (Energy Coordinating Agency), Julia Menzo (Liberty Lutheran), Deepa Mankikar (National Nurse-Led Care Consortium), and Alexandra Skula (Philadelphia Department of Public Health))

Dates: April 2018 – June 2018

Amount: \$10,000 (Drexel received \$2,000)

Title: Climate, Health, and Home: Building Public Health Networks with Community-Based Climate Change Education

Type: Education/Curriculum Development

Sponsoring Agency: Franklin Institute/National Science Foundation

Role: Co-PI with Russ Zerbo (Clean Air Council), Thomas Flaherty (Energy Coordinating Agency), Julia Menzo (Liberty Lutheran), Deepa Mankikar (National Nurse-Led Care Consortium), and Jessica Caum (Philadelphia Department of Public Health)

Dates: April 2017 – June 2017

Amount: \$22,000 (Drexel received \$6,000)

Title: Bringing Health Outcomes to Neighborhood Energy Centers: Training Trainers on the Impacts of Climate Change

Type: Education/Curriculum Development

Sponsoring Agency: Franklin Institute/National Science Foundation  
Role: Co-PI with Thomas Flaherty (Energy Coordinating Agency), Andrew Goodman (New Kensington Community Development Corporation), Rachael Greenberg (National Nursing Centers Consortium)  
Dates: May-August 2016  
Amount: \$8,000 (Drexel received \$2,000)

Title: Building Capacity to Communicate Climate Change  
Type: Education/Curriculum Development  
Sponsoring Agency: Franklin Institute/National Science Foundation  
Role: Co-PI with Saleem Chapman (Clean Air Council), Rachael Greenberg (National Nursing Centers Consortium)  
Dates: April – September 2015  
Amount: \$6,000 (Drexel received \$2,000)

Title: Climate Change and Health: Actions You Can Take in the Home  
Type: Educational/Curriculum Development  
Sponsoring agency: The Franklin Institute/National Science Foundation  
Role: Co-PI with Saleem Chapman (Clean Air Council), Rachael Greenberg (National Nursing Centers Consortium)  
Dates: July-December 2014  
Amount: \$6,000 (Drexel received \$2,000)

### **Funded Internal Grants**

Title: Indexing Energy Performance: An Analysis of Sociotechnical Services in Philadelphia's Housing Stabilization Sector  
Type: Research Grant  
Sponsoring Agency: Office of the Provost  
Role: PI  
Dates: June-September 2018  
Amount: \$7,500

Title: Shifting Engagements with Energy in a Smart Campus Environment  
Type: Research Grant  
Sponsoring agency: Institute for Energy and Environment (Drexel University)  
Role: Co-PI with Karen Miu-Miller (CoE), Dagmar Neibur (CoE), Chika Nwankpa (CoE), Mimi Sheller (CoAS)  
Dates: 2014-2015  
Amount: \$50,000

Title: Sustainability Knowledge Production in Philadelphia: Understanding How Public Data Projects Advance Civic Engagement  
Type: Fellowship  
Sponsoring agency: Urban Sustainability Initiative (Drexel University)  
Role: PI  
Dates: 2014  
Amount: \$7,500

Title: Mapping Perceptions of Environmental Health Risks: A Comparison of Three Communities  
Type: Research Grant  
Sponsoring agency: Social Science Council (Drexel University)  
Role: Co-PI with Igor Burnstyn (DSPH), John Lee (Clean Air Council)

Dates: 2014  
Amount: \$11,000

Title: Developing Dementia: Technoscientific Responses to the Alzheimer's Disease Epidemic  
Type: Research Fellowship  
Sponsoring agency: Rensselaer Polytechnic Institute  
Role: PI  
Dates: 2008-2010  
Amount: \$48,000

### **Research Support from Other Grants**

Title: Environmental Health Governance in Six Cities: How Scientific Cultures, Practices and Infrastructure Shape Governance Styles  
Type: Research Grant  
Sponsoring agency: National Science Foundation  
Role: Project Collaborator (Co-PIs: Kim Fortun and Mike Fortun, Rensselaer Polytechnic Institute)  
Dates: September 2015-December 2017  
Amount: \$ 178,751 (\$12,000 for Drexel research team)

Title: Strategizing Transdisciplinarity: From Exposure Assessment to Exposure Analysis in the U.S.  
Type: Research Grant  
Sponsoring agency: National Science Foundation  
Role: Graduate Research Assistant (PI: Kim Fortun)  
Dates: 2008-2010 (This grant supported multiple fieldwork trips for dissertation work between 2009-2011)

### **AWARDS**

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2017 Allen Rothwarf Award for Teaching Excellence, Office of the Provost, Drexel University  
2016 Teaching Excellence Award, College of Arts and Sciences, Drexel University  
2016 Drexel Career Development Award, Office of Faculty Affairs, Drexel University  
2007 McKinney Writing Competition, First Prize in "Electronic Media," Rensselaer Polytechnic Institute  
2007 Master Teaching Fellow Award, Office of Graduate Education, Rensselaer Polytechnic Institute

### **SCHOLARLY PUBLICATIONS**

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#### **BOOKS**

2018 *Breathtaking: Asthma Care in a Time of Climate Change*. University of Minnesota Press.

#### **REFEREED JOURNAL ARTICLES**

*Accepted* Aalok Khandekar, Brandon Costelloe-Kuehn, Lindsay Poirier, Alli Morgan, Alison Kenner, Kim Fortun, Mike Fortun. "Moving Ethnography: Infrastructuring Doubletakes and Switchbacks in Collaborative Ethnography." *Science and Technology Studies*.

2020 Chloe Ahmann and **Alison Kenner**. "Breathing Late Industrialism." *Engaging Science, Technology, and Society*, 6: 416-438.

2020 "Scrapping the Workshop of the World: Civic Infrastructuring and the Politics of Late Industrial

Governance.” *Engaging Science, Technology, and Society*, 6: 514-533.

- 2020 **Alison Kenner**, Alexandra Skula, Deepa Mankikar, Ian Zimmermann, Eliza Nobles, Julia Menzo, Thomas Flaherty, and Russell Zerbo. "The Climate-Ready Home: Teaching Climate Change in the Context of Asthma Management." *Environmental Justice* 13(4): 101-108.
- 2019 **Alison Kenner**, Aftab Mirzaei and Christy Spackman. "Breathing in the Anthropocene: Thinking Through Scale with Containment Technologies." *Cultural Studies Review*, 25(2).
- 2019 Timothy Neale, Will Smith, **Alison Kenner**. "Introduction: An Elemental Anthropocene." *Cultural Studies Review*, 25(2).
- 2019 "Emplaced Care and Atmospheric Politics in Unbreathable Worlds." *Environment & Planning C: Politics and Space*, <https://doi.org/10.1177/2399654419851347>
- 2016 "Asthma on the Move: How Mobile Apps Remediate Risk for Disease Management." *Health, Risk, & Society*, 17(7-8): 510-529.
- 2014 Kim Fortun, Erik Bigras, Brandon Costelloe-Kuehn, Sonia Saheb, Jerome Crowder, Daniel Price, **Alison Kenner**, Michael Fortun. "Experimental Ethnography Online: The Asthma Files." *Cultural Studies*, 28(4): 632-642.
- 2014 "Designing Digital Infrastructure: Four Considerations for Digital Publishing Projects." *Cultural Anthropology*, 29(2): 264-287.
- 2013 "The Healthy Asthmatic." *M/C Journal* 16(6).
- 2008 "Securing the Elderly Body: Dementia, Surveillance, and the Politics of 'Aging in Place.'" *Surveillance & Society* 5(3): 252-269.

## ESSAYS

- Under review* **Alison Kenner**, Eliza Nobles, and Sarah Stalcup. "Cultivating a Politics of Sight for Vacant Land Use in Cities." Submitted to *Anthropological Quarterly*.
- 2020 Zakia Elliot, **Alison Kenner**, and Morgan Sarao. "Dumping Over Dignity: The Fight for Climate Justice and a Just Transition for Sanitation Workers." *Science for the People*, 23(2): <https://magazine.scienceforthepeople.org/vol23-2/green-new-deal-sanitation-transition-workers/>
- 2017 Samuel Gerald Collins, Matthew Durlington, Paolo Favero, Krista Harper, **Alison Kenner**, and Casey O'Donnell "Ethnographic Apps/Apps as Ethnography." *Anthropology Now*, 9: 102-118.

## BOOK CHAPTERS

- Under review* **Alison Kenner** and Sarah Stalcup. "Mold." Submitted to Duke University Press as part of the edited volume *An Anthropogenic Table of Elements*, eds. Timothy Neale, Thao Phan, and Courtney Addison.

- 2016 “Health and Environment in Urban Policy” in *The CQ Press Guide to Urban Politics and Policy*, Christine Kelleher Palus and Richardson Dilworth, eds. Sage Press.
- 2014 “Caring for Asthma with the *Buteyko* Method: On How to Make Breath Visible,” in *Ecologies of Care: Innovations Through Technologies, Collectives, and Senses*, Gergely Mohacsi, ed. Osaka University: 299-322.
- 2014 Michael Fortun, Kim Fortun, Brandon Costelloe-Kuehn, Sonia Saheb, Daniel Price, **Alison Kenner**, Jerome Crowder. “Asthma, Culture, and Cultural Analysis: Continuing Challenges,” in *Heterogeneity in Asthma*, Allan R. Brasier, ed. New York: Springer, 321-332.

#### OPEN-SOURCE SOFTWARE

- 2016 Kim Fortun, Mike Fortun, Lindsay Poirier, Brian Callahan, Renato Gomes, Aalok Khandekar, **Alison Kenner**, Alli Morgan, Angela Okune, James Adams, Tim Schütz, and Brandon Costelloe-Kuehn. Platform for Experimental Collaborative Ethnography (PECE). <https://github.com/PECE-project/pece-distro>

#### BOOK REVIEWS

- 2009 “Review of Solove’s *The Digital Person: Technology and Privacy in the Information Age.*” *Surveillance & Society* 6(2): 193-194.
- 2008 “Situating Surveillance: Emerging Theories and Technologies.” Review of David Lyon, ed. *Theorizing Surveillance: The Panopticon and Beyond.* *The Communication Review*, 11(1): 104-108.

#### EDITOR-REVIEWED WEB PUBLICATIONS

- 2019 “STS Theory Studio.” Backchannels, Society for the Social Studies of Science, April 22, 2019. [https://www.4sonline.org/blog/post/sts\\_theory\\_studio](https://www.4sonline.org/blog/post/sts_theory_studio)
- 2019 “Pharmakon Mold.” *Theorizing the Contemporary, Cultural Anthropology*, June.
- 2017 “Necessary Evil Post-Workshop of the World.” *Theorizing the Contemporary, Cultural Anthropology* website, May 2017. <https://culanth.org/>
- 2017 “A Sense for Chemical Care.” *The Second Spear, Medical Anthropology Quarterly* website, April 2017. <http://medanthroquarterly.org/2017/03/29/a-sense-for-chemical-care/>
- 2016 “Learning to Teach Research,” *Platypus: The CASTAC Blog*. September 30, 2016
- 2016 (with Marcel LaFlamme, Darren Byler, and Jonah S. Rubin) “A Space of Play: The Past and Future of the Contributing Editors Program.” *Fieldsights – Cultural Anthropology Online*. July 19, 2016. <https://culanth.org/fieldsights/926-a-space-of-play-the-past-and-future-of-the-contributing-editors-program>

- 2013 “On Making Breath Visible.” *Fieldsights – Cultural Anthropology Online*. June 15, 2013. <http://production.culanth.org/fieldsights/342-invisibilities-provocation>
- 2013 “Findings from The Asthma Files.” *CASTAC Blog (From the Committee for the Anthropology of Science, Technology, and Computing)*. April 30, 2013. <http://blog.castac.org/2013/04/findings-from-the-asthma-files/>
- 2012 “Writing Space for Ethnography.” *Guest Series: Ethnography on/from the Sidelines. Savage Minds*. July 27, 2012. <http://savageminds.org/2012/07/27/writing-space-for-ethnography/>
- 2012 “Ethnography’s Sense.” *Guest Series: Ethnography on/from the Sidelines. Savage Minds*. July 20, 2012. <http://savageminds.org/2012/07/20/ethnographys-sense/>
- 2012 “Making Ethnography Work.” *Guest Series: Ethnography on/from the Sidelines. Savage Minds*. July 1, 2012. <http://savageminds.org/2012/07/13/making-ethnography-work/>
- 2012 “Caring for Our Sidelines.” *Guest Series: Ethnography on/from the Sidelines. Savage Minds*. July 1, 2012. <http://savageminds.org/2012/07/06/caring-for-our-sidelines/>

## WEBSITES AND RESEARCH ARCHIVES

- 2020- The Energy Rights Project, [energyrights.info](http://energyrights.info). Platform Director and Site Administrator. Hosted on the Platform for Experimental and Collaborative Ethnography.
- 2019- Climate Ready Philly, [climatereadyphilly.org](http://climatereadyphilly.org). Site Administrator. Hosted on Wordpress.
- 2014-2020 The Philadelphia Health and Environment Ethnography Lab, [pheel.org](http://pheel.org). Site Administrator. Hosted on Wordpress.

## CONFERENCE PRESENTATIONS

### INVITED PRESENTATIONS

- 2019 “The Climate Ready Home: Reimagining Domestic Infrastructure in Vulnerable Times”, to be delivered at the *Engineering the Anthropocene* series, at Rensselaer Polytechnic Institute, October 30.
- 2019 “The Climate Ready Home: 21<sup>st</sup> Century Public Health Innovations in Philadelphia, PA,” delivered at *History of Public Health in Philadelphia: From Yellow Fever to the Opioid Epidemic*, at the Historical Society of Pennsylvania, October 9.
- 2019 “Breathing Easy in a Changing Climate: A Report from Community Health Education in Philadelphia, PA.” Delivered at the *Formas de lo Humano: Por una Antropología de la Contemporaneidad*, series, Kaleidos, University of Cuenca, Ecuador, July 10.
- 2018 “The Politics of Change: Climate Epistemologies Amid Urban Redevelopment in Philadelphia,” delivered at the STS Colloquium Series, Rensselaer Polytechnic Institute, October 24.
- 2017 “Assessing Asthma in a Changing Climate,” Delaware Climate and Health Conference, Delaware Natural Resources and Environmental Control, New Castle, DE, June 6.
- 2017 “How Breath Counts.” Delivered at the Department of Anthropology, University of Michigan, March 16.

- 2016 “Breathing in Climate Change: Tracing Shifts in the Place of Urban Public Health.” Delivered at the History and Sociology of Science Colloquium Series, University of Pennsylvania, November 7.
- 2016 “Caring for Air,” Environmental Justice Symposium, Dornsife School of Public Health, Drexel University, February 24.
- 2015 “Informing Asthma: How Digital Health Technologies Emplace Illness and Care.” Delivered at the American Anthropological Association Annual Meeting, Denver, CO, November 18-22.
- 2015 “Making Sense of Climate and Health Assessments,” presented at the *Living on a Heat Island: Climate Change in an Urban Setting Workshop*, Dornsife Center, Philadelphia, PA, June 3.
- 2015 “The Asthma Files,” presented at the “MetaData in the Metropolis” Workshop, College of Computing and Informatics, Drexel University, Philadelphia, PA, April 2.
- 2014 “Experiencing Buteyko: Origin Stories, Educator Insights, Expert Innovations,” presented at the Buteyko Breathing Educators Annual Meeting, Boston, MA, October 30-November 2.
- 2014 “Designing Digital Infrastructure,” presented at the Futures of Visual Anthropology Conference, Temple University, April 4.
- 2014 “Digital Infrastructure and Copyright Workarounds,” presented at the Scholarly Communication and Copyright forum, Drexel University, March 21.

#### WORKSHOPS

- 2019 Invited to facilitate a workshop, “Emergency Planning for Urban Households,” (with Sarah Stalcup). *Engineering the Anthropocene* series, Rensselaer Polytechnic Institute, October 30.
- 2019 Invited to facilitate a workshop, “Coding Qualitative Interviews,” (with Sarah Stalcup). *Engineering the Anthropocene* series, Rensselaer Polytechnic Institute, October 30.
- 2018 Invited to co-facilitate the “Flesh/Air” seminar (with Eben Kirksey), Anthropocene Campus Melbourne, Deakin University, Melbourne, Australia, September 3-7.
- 2017 Invited to co-facilitated the “Slow Disaster” seminar (with Lee Vinsel and Kim Fortun), Anthropocene Campus Philadelphia, Drexel University, October 12-17.
- 2017 Invited to facilitate a workshop titled, “Breathing Bodies,” at the Hixon Forum / Science and the Senses: Bodies and Practices. Harvey Mudd College, Santa Clara, CA, February 10-11.
- 2015 Competitively selected to participate in the “Governing the Inorganic” workshop, Santiago, Chile, September 14-15 (one of ten participants)
- 2013 Competitively selected to participate in the “In-and-Out of California” workshop, Berkeley, CA, September 5-7 (one of 14 fully funded participants)
- 2007 Competitively selected to participate in the Workshop on Surveillance and Social Justice, Tempe, AZ, May 16-19 (one of 12 fully funded participants)

#### PROFESSIONAL CONFERENCES

- 2020 “Anticipating Adaptation in Philadelphia’s Energy Assistance Sector,” with Briana Leone, Morgan Sarao, and Andrew Rosenthal. Delivered at the Pandemic Urbanism Symposium, University of Washington, May 29.
- 2019 “How Interscalar Vehicles Matter.” Delivered at the American Anthropological Association annual meeting, Vancouver, BC, November 20-24.
- 2019 “Undoing Housing Infrastructure, or Why Affordability is a Maintenance Issue.” Delivered at the 4S Annual Meeting, New Orleans, LO, September 3-7.
- 2019 “Life Through the Cracks: Going Green in Late Industrial Philadelphia,” with Eliza Nobles and Marissa Gabriel. Delivered at the American Ethnological Association meeting, St. Louis, MO, March 14-17.
- 2018 “Metalead Movements and Hope Extracted in Late Industrial Philadelphia.” Delivered at the American Anthropological Association annual meeting, San Jose, CA, November 14-18.

- 2018 “Asthmatic Attunement, Pollen Forecasting, and the Time of Climatic Epistemologies.” Delivered at the Society for Social Studies of Science meeting, Sydney, Australia, August 31 – September 2.
- 2018 “Indexing Late Industrialism: From Private Property to Public Notice,” with Maggie McNulty and Linda Croskey. Delivered at the Society for Cultural Anthropology biannual meeting, April 19-21.
- 2018 “Creating Climate Carescapes with Science Education.” Delivered at the Society for Applied Anthropology annual meeting, Philadelphia, PA, April 3-7.
- 2017 “Doglife and Techniques of Care in Unbreathable Worlds.” Delivered at the American Anthropological Association annual meeting, Washington, D.C., November 29-December 3.
- 2017 “Unbreathable: The Absence of Air in Asthma Treatment,” Delivered at the Society for Social Studies of Science Annual Meeting, Boston, MA, August 30-September 2.
- 2016 “Controlled Care: Asthmatic Attunement and Breathing in Place.” Delivered at the American Anthropological Association Meeting, Minneapolis, Minnesota, November 15-20.
- 2016 “Delineating Climate Change Planning in Urban Governance: An Analysis of Where and How Vulnerabilities Get Addressed,” with Kerri Yandrich. Delivered at The World in 2050: Creating/Imagining Just Climate Futures, University of California, Santa Barbara, October.
- 2016 “Necessary Evils: Civic Infrastructuring and How to Turn Issues Around Politics.” Delivered at the Society for Social Studies of Science Annual Meeting, Barcelona, Spain, August 31-September 3.
- 2016 “Infrastructural Futures for *Cultural Anthropology*: From Open Access to Open Data for Collaborative Scholarship.” Roundtable participant at the Society for Cultural Anthropology Biannual Meeting, Ithaca, NY, May 13-14, 2016.
- 2016 “Scrapping the Workshop of the World.” Delivered at the Society for Cultural Anthropology Biannual Meeting, Ithaca, NY, May 13-14, 2016.
- 2015 “Cyberinfrastructure for STS: The Platform for Experimental and Collaborative Ethnography,” with Kim Fortun, Brandon Costelloe-Kuehn, Lindsay Poirier, Pedro de la Torre, Alli Morgan, Mike Fortun, Luis Felipe Rosado Murillo, and Dominic DiFranzo. Delivered at the Society for Social Studies of Science Annual Meeting, Denver, CO, November 11-14.
- 2015 “mAsthma and Emplaced Care: How Health Apps Index the Spatial Risks of Illness.” Delivered at the Society for Social Studies of Science Annual Meeting, Denver, CO, November 11-14.
- 2015 “Metals of Concern: Neoliberal Care in the Late Industrial City.” Delivered at the “Governing the Inorganic: Materials, Infrastructures, and Care” Workshop, Universidad Alberto Hurtado, Santiago, Chile, September 14-15.
- 2015 “Legacy Infrastructures and Urban Health: Understanding Community Differences in Philadelphia “Districts,”” with Dawn McDougall and Brittany Salen. Delivered at the Society for Applied Anthropology Annual Meeting, Pittsburgh, PA, March 24-28.
- 2015 “Disasters Fast and Slow: The View from Disaster Anthropology.” Delivered at the American Historical Association Meeting, New York, NY, January 2-5.
- 2014 “Mobilizing Health With Emplaced Care.” Delivered at the American Anthropological Association Annual Meeting, Washington, D.C., December 3-7.
- 2014 “The Road to Asthma: TRAP, Knowledge Infrastructures, and the Technogeography of Care,” with Brittany Salen. Delivered at the Spinoffs of Mobility: Technology, Risk, and Innovation Conference, Philadelphia, P.A., September 18-21.
- 2014 “Spaces of Care, Everywhere: Negotiating Environmental Health Amid the Ordinary.” Delivered at the Society for Cultural Anthropology Meeting, Detroit, MI, May 9-11.
- 2013 “Atmospheric Sense and the Emplacement of Care.” Delivered at the American Anthropological Association Meeting, Chicago, IL, November 20-24.
- 2013 “mAsthma and the Technogeography of Care.” Delivered at the Society for Social Studies of Science Annual Meeting, San Diego, CA, October 9-12.

- 2013 “Asthmatic Matters, Agential Realism, and Emerging Modes of Environmental Health Care.” Delivered at the Feminism, Science, and Materialism Conference, New York, NY, February 14-15.
- 2012 “Caring for Asthma with the Buteyko Method: On How to Make Breath Visible.” Presented at the American Anthropological Association Conference, San Francisco, CA, November 14-18.
- 2011 “Digitizing *Cultural Anthropology*: Cultivating Community Around Scholarly Publishing.” Delivered at the American Anthropological Association Conference, Montreal, QC, Canada, November 2011.
- 2011 “Patient Demographics and the Asthma Epidemic: Understanding How Age and Care Relations Shape Health Literacy.” Delivered at the Political Sociology of Science and Technology Conference, Troy, New York, April 2011.
- 2011 “Accounting for Asthma and Air Quality: Understanding Biological Citizenship in Contemporary Epidemiology.” Delivered at the Gordon Cain Conference, Chemical Heritage Foundation, Philadelphia, PA, March 2011.
- 2010 “Simpli-cities: Environmental Health, Asthma, and Graphematic Spaces.” Delivered at the Society for Cultural Anthropology Meeting, Santa Fe, NM, May 2010.
- 2009 “Experimenting With the *Asthma Files*: Collaborative Articulations of Complexity.” Delivered at the American Anthropological Association Conference, Philadelphia, PA, December 2009.
- 2008 “Surveillance That Cares: The Politics of Elderly Security Technologies.” Delivered at the National Women’s Studies Association Conference, Cincinnati, OH, June 2008.
- 2007 “Our Shrinking Frontier: Nanotechnology, Power, and Democracy.” Delivered at the Society for Social Studies of Science Annual Meeting, Montreal, Quebec, CA, October 2007.
- 2007 “Securing the Elderly Body: Caregiving Technologies and the Criminalization of Aging.” Workshop on Surveillance and Inequality, Tempe, AZ, March 16-18.
- 2006 “When Knowledge Production Meets Global Capitalism: Framing Social Interests in the Entrepreneurial University.” Delivered at the National Women’s Studies Association Conference, Orlando, FL, June 2005.
- 2006 “Playing with Gender: Analyzing Ideologies That Persist Through Time and Space.” Delivered at the Center for Humanities, Arts, and Technoscience Conference, Albany, NY, April 2005.

## TEACHING & ADVISING

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(\*Course that had been proposed, developed, and taught for the first time)

### GRADUATE COURSES

*The Energy Vulnerability Lab (SCTS 555/PLCY T580/SCTS T480), Spring 2020\**

Center for Science, Technology, and Society + Center for Public Policy, College of Arts and Science, Drexel University

*Cities and Climate Change (ENVP 555/ENVE T580/PSCI T380), Spring 2019\**

Center for Public Policy, College of Arts and Sciences, Drexel University

*Biopolitics of Health (SCTS 615/PSCI T480), Fall 2014\*, Spring 2018*

Center for Science, Technology, and Society, College of Arts and Science, Drexel University

*Case Studies (PLCY), Spring 2018*

Center for Public Policy, College of Arts and Sciences, Drexel University

*Philadelphia in a Changing Climate (SCTS 710), Spring 2017\**

Center for Science, Technology and Society, College of Arts and Sciences, Drexel University

*Science, Technology and Society Theories (SCTS 510), Fall 2016, Fall 2018*

Center for Science, Technology and Society, College of Arts and Sciences, Drexel University

*Geographies of Health (SCTS 615/PSCI 480/SOC 480), Fall 2015\**

Center for Science, Technology and Society, College of Arts and Sciences, Drexel University

*Technoscientific Bodies (PSCI 573), Winter 2014\**

Department of History and Politics, College of Arts and Sciences, Drexel University

#### UNDERGRADUATE COURSES

*Feminist Political Theories (PSCI T380), Fall 2019\**

Department of Politics, College of Arts and Sciences, Drexel University

*Intro to Science, Technology, and Society (SCTS 101), Spring 2019\**

Center for Science, Technology and Society, College of Arts and Sciences, Drexel University

*Technology and Politics (PSCI T280), Fall 2017\*, Spring 2019*

Department of Politics, College of Arts and Sciences, Drexel University

*The Politics of Environmental Health (PSCI 334), Winter 2014\*, Spring 2015, Fall 2017, Spring 2020,*

Department of Politics, College of Arts and Sciences, Drexel University

*The Politics of Health (PSCI 380), Fall 2014\*, Fall 2015, Spring 2017*

Department of Politics, College of Arts and Sciences, Drexel University

*Politics of Science, Technology and Medicine (PSCI 180), Fall 2016\**

Department of Politics (Co-taught with Chloe Silverman), College of Arts and Sciences, Drexel University

*Civic Field School I: Environmental Health Governance (PSCI 280), Summer 2016\**

Department of Politics, College of Arts and Sciences, Drexel University, Philadelphia, PA

*Housing Politics & Policies [CBL course] (PSCI 280), Spring 2016\**

Department of Politics, College of Arts and Sciences, Drexel University, Philadelphia, PA

*Senior Projects (STSS/STSH 4980) Fall 2011, Spring 2012, Fall 2012, Spring 2013*

Department of Science & Technology Studies, School of Humanities, Arts, & Social Sciences, Rensselaer Polytechnic Institute, Troy, NY

*Public Service Internship (STSS/STSH 4900), Fall 2011*

Department of Science & Technology Studies, School of Humanities, Arts, & Social Sciences, Rensselaer Polytechnic Institute, Troy, NY

*Classism, Racism, Sexism (WSS 240), Summer 2007, Summer 2008*

Department of Women's Studies, School of Arts and Social Sciences, University at Albany, SUNY, Albany, NY

*Introduction to Feminisms (WSS 101), Summer 2005, Summer 2006*

Department of Women's Studies, School of Arts and Social Sciences, University at Albany, SUNY, Albany, NY

#### THESIS COMMITTEES

2019-2020 Daniel Drexler, M.S. Science, Technology, and Society, Drexel University (member)

2019-2020 Sumita Gangwani, M.S. Science, Technology, and Society, Drexel University (chair)

2018-2020	James Gall, M.S. Science, Technology, and Society, Drexel University (chair)
2017-2020	Kai Li, Ph.D. Information Science, Drexel University (member)
2018-2019	Leah Friedman, B.S. Neuroadaptive Learning Technology, Drexel University (chair)
Fall 2018	Sembu Kamara, M.S. Public Policy, Drexel University (member)
Spring 2018	Jessica Seamon, M.S. Public Policy, Drexel University (member)
Spring 2018	Kayleigh Denneler, M.S. Public Policy, Drexel University (member)
2016-2017	Harsimrat Singh, M.P.H. Environmental and Occupational Health, Drexel University (member)
2016-2017	Kendall Darfer, M.S. Science, Technology, and Society, Drexel University (chair)
2016-2017	Hannah Boettinger, B.S. Custom-Design, Drexel University (co-chair)
Spring 2017	Erin Cosgrove, M.S. Public Policy, Drexel University (member)
Spring 2017	Michael Martinelli, M.S. Public Policy, Drexel University (member)
2014-2015	William Drust, M.S. Science, Technology, and Society, Drexel University (chair)
2014-2015	Melanie Jeske, M.S. Science, Technology, and Society, Drexel University (member)
2014-2015	Dawn McDougall, B.S. Custom-Design, Drexel University (co-chair)

#### INDEPENDENT STUDY COURSES & UNDERGRADUATE RESEARCH PROJECTS

Spring 2019	Feminist Political Theories (PSCI 499) 1 student, 3 credit hours
Winter 2018	Neuroadaptive Learning Technologies (PSCI 499) 1 student, 3 credit hours
Winter 2017	Mapping Perceptions of Environmental Hazards (ENVP 599) 1 student, 3 credit hours
Spring 2016	Evidence and Everyday Hazards (SCTS 799) 1 student, 3 credit hours
Summer 2015	Scrapyard Ethnography (SCTS 799) 1 student, 3 credit hours
Summer 2015	Digital Storytelling in STS (SCTS 799) 1 student, 3 credit hours
Fall 2014	River Wards Environmental Study (SCTS 799) 1 student, 3 credit hours
Fall 2014	Community Health Research (PSCI 499) 1 student, 3 credit hours
Spring 2014	Analyzing Air Monitoring Infrastructure (PSCI 472) 1 student, 3 credit hours
Spring 2014	Bodies, Knowledge, Politics (PSCI 472) 1 student, 3 credit hours
Winter 2014	Environmental Health Risks (CSDN 307) 1 student, 3 credit hours

#### GUEST LECTURES

Fall 2020	Guest Lecture in “Case Studies for Policy.” Instructor Richard Dilworth
Winter 2020	Guest Lecture in “Methods of Interdisciplinary Inquiry.” Instructor Lloyd Ackert and Kevin Egan
Fall 2019	Guest Lecture in “The Drexel Experience.” Instructor Richard Dilworth
Spring 2019	Guest Lecture in “Medical Sociology.” Instructor: Kelly Joyce
Winter 2018	Guest Lecture in “Digital Detox.” Instructor: Brent Luvaas
Spring 2017	Guest Lecture in “Multimodal Research Methods.” Instructor: Gena Ellis
Fall 2015	Guest Lecture in “Environmental Sociology.” Instructor: Diane Siocotte
Winter 2015	Guest Lecture in “Multimodal Research Methods.” Instructor: Gena Ellis
Fall 2014	Guest Lecture in “Reconsidering Our Code.” Instructor: Cyndi Rickards, Criminal Justice, Drexel University
Fall 2012	Workshop, “Yoga and Wellness,” for Society of Women Engineers, Rensselaer Polytechnic Institute
Spring 2012	Workshop, “Yoga for Stress Reduction,” for Society of Women Engineers, Rensselaer Polytechnic Institute
Fall 2011	Workshop, “What’s On Your Plate?” for the Ecological Education Group, Rensselaer Polytechnic Institute
Fall 2011	Workshop, “Sustainability Photography,” for the Ecological Education Group, Rensselaer Polytechnic Institute
Spring 2011	Guest lecture in “Gender, Science and Technology.” Instructor: Shalija Validya,

Spring 2011 Science and Technology Studies Rensselaer Polytechnic Institute  
Guest lecture in "Medicine and Society." Instructor: Aalok Khandekar, Science and  
Technology Studies, Rensselaer Polytechnic Institute

#### COURSES TAUGHT AS A TEACHING ASSISTANT

Spring 2008 Senior Projects (STSS 4980) with Sharon Anderson-Gold  
Fall 2008 Product, Design, and Innovation (IHSS 2610) with Dean Nieuwma  
Spring 2007 Introduction to Science and Technology Studies (STSH 1110) with David Hess  
Fall 2006 Professional Development (STSS 4840) with Melissa Everett  
Spring 2005 Women and the Media (WSS 281) with Janell Hobson

#### SERVICE

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##### DREXEL UNIVERSITY SERVICE

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##### Department of Politics, Drexel University

2019-2020 Graduate committee (chair)  
2018-2019 Department works-in-progress series (chair)  
Spring 2018 Ad hoc committee for review of Interim Head Richard Dilworth  
2017-2018 Online Curriculum Committee (chair)  
2016-2017 Curriculum Committee  
2015- 2016 Bylaws Committee  
2015 PSCI-STC Committee

##### Center for Science, Technology and Society, Drexel University

2019-2020 STS Minor  
2018-2019 Faculty Advisor to the STS Collective (student organization)  
2016-2018 STS Colloquium Series Organizer  
2014-2015 Graduate Student Handbook Committee

##### College of Arts and Science

2019-2020 Faculty Senate Caucus (chair), College of Arts and Sciences, Drexel University  
2018-2020 Faculty Senate representative, College of Arts and Science, Drexel University  
2018-2019 Search Committee, Department of Sociology, College of Arts and Sciences, Drexel University  
2017-2019 Committee on Technology-Enhanced Teaching, College of Arts and Sciences, Drexel  
University  
2014-2015 S.T.E.A.M. Representative, College of Arts and Sciences, Drexel University  
2014-2015 Center for Mobilities Research, Faculty Advisory Board, College of Arts and Sciences, Drexel  
University

##### Drexel University

2019 Creative Award reviewer, Award Committee, Office of the Provost, Drexel University  
2018-2019 CoAS Dean Search Committee, Office of the Provost, Drexel University  
2017-2019 Executive committee, Urban Climate Change Research Network, North American Regional  
Hub, Drexel University  
2017 Truman Scholarship Committee, Drexel Fellowships Office, Pennoni Honors College, Drexel  
University  
2017-2018 Allen Rothwarf Award for Teaching Excellence, Award Committee, Office of the Provost,  
Drexel University  
2016-2017 Udall Scholarship Committee, Drexel Fellowships Office, Pennoni Honors College, Drexel  
University

Fall 2016 Community-University Review of CBPR, Drexel University  
2014-2015 Health Informatics Working Group, Drexel University

## PROFESSIONAL SERVICE

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### Projects

2021- Chair, Platform for Experimental and Collaborative Ethnography, Writing Group  
2021- Chair, Platform for Experimental and Collaborative Ethnography, Outreach Team  
2016- Platform for Experimental and Collaborative Ethnography, Design Team

### Conference Panels

2019 Discussant, "Atmospheric Devices: From Object to Methods" at the American Anthropological Association Meeting, November 21-24, 2019, Vancouver, B.C.  
2019 Discussant, "Toxic Subjects: Historical, Legal, Occupational, and Medical Perspectives," [double panel], 4S Annual Meeting, New Orleans, LO, September 3-7.  
2018 Panel co-chair, "Breathing Late Industrialism," Society for Cultural Anthropology Biannual Meeting, April 19-21.  
2014 Panel chair, "The Politics of Emplacement: Of Bodies, Environments, and Actions," American Anthropological Association Annual Meeting, Washington, D.C., December 3-7.  
2014 Panel chair, "The Ends of Care," Society for Cultural Anthropology meeting, Detroit, MI. May 9-11.  
2014 Panel chair, "Traffic, Safety, and Health," at the Spinoffs of Mobility: Technology, Risk, and Innovation Conference, Philadelphia, P.A., September 18-21.  
2013 Panel chair, "Worlding with the Body," American Anthropological Association meeting, Chicago, IL. November 20-24.  
2008 Panel chair, "Targeting Others: Power, Technoscience, and Surveillance at the Margins," National Women's Studies Association conference, Cincinnati, OH, June 19-22.  
2007 Panel chair, "Nanotechnologies," 4S annual conference, Montreal, QC, October 11-13.  
2006 Roundtable session organizer, "Student-Teacher Relationships: Building Community In and Out of the Classroom," National Women's Studies Association Conference, Oakland, CA. June 15-18.

### Service on Professional Committees

2020- Associate Editor, *Engaging Science, Technology & Society*, Society for Social Studies of Science  
2020 Hakken Prize Committee, Committee for the Anthropology of Science, Technology, and Computing, American Anthropology Association  
2019 Technoscience Podcast Committee, Society for Social Studies of Science  
2018-2019 Undergraduate Program Committee [Chair], Society for Social Studies of Science  
2018 International Advisory Board, Chilean Disaster Research Network, Santiago, Chile  
2017 Anthropocene Campus Philadelphia Planning Committee, Philadelphia, Drexel University.  
2014-2015 Digital Publishing/Website Committee, Society for Social Studies of Science  
Fall 2012 Open Access Task Force, Society for Cultural Anthropology  
Fall 2012 Social Media Committee, *Cultural Anthropology*  
2012 Teaching Tools Committee [Chair], *Cultural Anthropology*  
Fall 2011 Ecological Education Working Group, Rensselaer Polytechnic Institute  
2010-2012 Website Committee [Chair], *Cultural Anthropology*

## SERVICE DURING GRADUATE STUDIES

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#### STS Department, Rensselaer Polytechnic Institute

2011-2012 Co-organizer, STS Undergraduate Research Symposium (with Kim Fortun)  
2008-2009 Member, Brown Bag Workshop committee  
2007-2008 Member, Colloquium committee  
2006-2007 Graduate student representative, Graduate Program Committee

#### Women's Studies Department, University at Albany

2005-2006 Member, Newsletter Editorial Collective  
2004-2005 Graduate student representative, Graduate Program Committee  
2004-2006 Representative, Graduate Student Senate, University at Albany, SUNY  
2004-2006 Treasurer, C.A.T.A.L.Y.S.T., University at Albany, SUNY

### PROFESSIONAL MEMBERSHIP

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American Anthropological Association  
Society for Applied Anthropology  
Society for Cultural Anthropology  
Society for the Social Studies of Science

### PUBLIC INVOLVEMENT & COMMUNITY OUTREACH

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2020 Energy Coordinating Agency Conference Planning Committee  
2016-2019 Climate and Health Advisory Group, Philadelphia Department of Public Health, Philadelphia, PA  
2016-2017 Climate and Asthma Working Group, Philadelphia Department of Public Health, Philadelphia, PA  
2017 Lead Working Group, New Kensington Community Development Corporation, Philadelphia, PA  
2014-2018 Philly CUSP Member (The Franklin Institute), Philadelphia, PA  
2017 Philadelphia Air Quality Working Group, Air Management Services, Philadelphia Department of Health, Philadelphia, PA  
Summer 2014 Presenter, "Health and Industrial Legacies," at NKCDC's Soil Testing Workshop  
2013 "The Breathmobile as a Model for Asthma Care," presented at the Northern California Breathmobile fundraiser, Oakland, CA, October 23.