

Miriam Gay-Antaki
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EDUCATION

- 2017 Ph.D., Geography and Development, University of Arizona (Tucson, AZ)
Minor: Latin American Studies
Dissertation: *Feminist Geographies of Climate Change: From International Negotiations to Women in Mexico*
Committee: Diana Liverman, Sallie Marston, Jeff Banister, and Tracey Osborne
- 2013 M.S., Geography and Development, University of Arizona (Tucson, AZ)
- 2008 B.A., Neuroscience, Wellesley College (Wellesley, MA)

Research Interests: Climate change, feminist geography, political ecology, decolonial geography, gender and environment, human geography, science and technology studies, climate science, Mexico.

PROFESSIONAL APPOINTMENTS

- 2021-current **Associate Director**
R.H. Mallory Center for Community Geography, University of New Mexico, Albuquerque, NM
- 2020-current **Assistant Professor**
Geography and Environmental Studies, University of New Mexico, Albuquerque NM
- 2018–2020 **University Teacher in Human Geography**
School of GeoSciences, University of Edinburgh, Edinburgh, UK
- 2017–2018 **Visiting Assistant Professor**
Southwest Studies Program, Colorado College, Colorado Springs, CO
- 2016–2017 **Research Associate**
Institute of the Environment, University of Arizona, Tucson, AZ
Developed and administered a survey to women scientists that have participated in the Intergovernmental Panel on Climate Change to assess whether their gender, race, nationality, etc. were negative or positive assets in developing and working in climate science.
- Summer 2013 **Consultant**
United Nations Environment Programme and the United Nations Entity for Gender Equity and the Empowerment of Women, Mexico City, Mexico

Developed the first collaborative project between UNEP and UN Women in Mexico focusing on the importance of gendering our understanding of environmental projects. Director: Dolores Barrientos.

2010–2011 **Research Assistant**

Climate Assessment for the Southwest, University of Arizona. Explored connections between poverty and climate in the South West U.S. to inform stakeholders regarding policies for the future. Principle investigators: Diana Liverman, Tracey Osborne, and Margaret Wilder.

PUBLICATIONS

Manuscripts

Gay-Antaki, M. (2020). Feminist Geographies of Climate Change: Negotiating Gender at Climate Talks. *Geoforum* 115: 1–10.

Gay-Antaki, M. (2020). Grounding Climate Governance through Women’s Stories in Oaxaca, Mexico. *Gender, Place & Culture*: 1–24.

Gay-Antaki, M., & Liverman, D. (2018). Climate for women in climate science: Women scientists and the Intergovernmental Panel on Climate Change. *Proceedings of the National Academy of Sciences of the United States of America*, 115(9), 2060–2065.

Gay-Antaki, M. (2016). “Now We Have Equality”: A Feminist Political Ecology Analysis of Carbon Markets in Oaxaca, Mexico. *Journal of Latin American Geography*, 15(3), 49–66.

Liverman, D., vonHedemann, N., Nying’uro, P., Rummukainen, M., Stendahl, K., **Gay-Antaki M.**, et al. Gender and expert participation in the Intergovernmental Panel on Climate Change. (R&R in *Nature Communications*).

Gay-Antaki, M. Stories from the IPCC: An Essay on Climate Science in Fourteen Questions. (R&R in *Global Environmental Change*).

Hunjan, N & Gay-Antaki M. Meritocracy and Inequality in the Climate Debate in Edinburgh, Scotland. (Under Review in *Women’s Studies International Forum*)

Book Chapters/Reviews

Gay-Antaki, M. (2020). Ciencia. In *Feminismo y análisis socioambiental: posturas críticas y temas emergentes*. in RED GESMA, UNAM).

Gay-Antaki, M. (2019). Geografías feministas de diversas latitudes. Orígenes, desarrollo y temáticas contemporáneas ed. by María Verónica Ibarra García and Irma Escamilla-Herrera (review). *Journal of Latin American Geography* 18(1), 223-225.

Deluca, A. & Gay-Antaki, M. (2018). Gender, climate change and cities: A case study of gendered climate policy in Mexico City. In Delgado Ramos, G.C. (Ed.), *Climate Change Sensitive Cities: Building Capacities for Urban Resilience, Sustainability, and Equity* (pp.307-327). Mexico: PINCC, UNAM.

Buechler, S., Hanson, A. M., Liverman, D., & Gay-Antaki, M. (2015). Advancing multi-disciplinary scholarship on gender, water, and environmental change through feminist political ecology. In *A Political Ecology of Women, Water and Global Environmental Change* (pp. 226-246). Taylor and Francis Inc.

Gay-Antaki, M. & Deluca A., Feminist Political Ecology in (eds). Nunan, F., Barnes, C., Krishnamurthy, S., *Routledge Handbook on Livelihoods in the Global South* (Forthcoming).

Ruwanpura, K. & Gay-Antaki, M., Feminism/Feminists in (eds). Lees, L. & Demeritt, D., *Concise Encyclopedia of Human Geography Elgar Encyclopedias in the Social Sciences series*

Other Public Outputs

Gender, T. G. (2019). Report From the IPCC Task Group on Gender.

Pendergrass, A., Zelikova, J., Arnott, J., Bain, H., Barnes, R., ... Gay-Antaki, M., ... Thompson, L. (2019). Inclusive Scientific Meetings: Where to Start.

IMPACT ACTIONS

2021 **Member:** National Academy of Sciences Engineering and Medicine (NASEM) Committee to Advise the U.S. Global Change Research Program (USGCRP)

2018-2019 **Member:** United Nations Intergovernmental Panel on Climate Change Gender Task Team

2018 **Media Mentions:**

Sci Dev Net [Women Authors Missing in IPCC Report](#) (October 15)

Science News [Global climate science group ponders efforts to recruit more women](#) (March 14)

Popular Science [The UN Climate Panel needs more Women Climate Scientists](#) (February 13)

BBC World News [Science in Action: Reversing Systemic Bias Against Women Scientists in the Media](#) (February 19)

Neue Zürcher Zeitung [Women are underrepresented in the IPCC](#) (February 13)

GRANTS

- 2021 Women in Stem Award (\$5,855 USD)
ADVANCE, University of New Mexico to fund research at the UNFCCC Conference of the Parties (COP) 26
- 2021 Latin American Field Research Grant (2,500 USD)
Latin American and Iberian Institute, University of New Mexico to fund research in Mexico City and Oaxaca.
- 2018 Small Grant Fund (650 GBP)
The University of Edinburgh School of Geosciences travel funding to attend the American Association of Geographers Annual Meeting in Washington, DC.
- 2017 Summer Dissertation Completion Fellowship (5,000 USD)
School of Social and Behavioral Sciences Fellowship of the University of Arizona to complete dissertation entitled: *Feminist Geographies of Climate Change: From International Negotiations to Women in Mexico*.
- 2014 Regional Scientific Development and Innovation Research Grant (25,000 USD)
Funding for one-year collaborative field work from the binational consortium of the University of Arizona and the Mexican Council for Science and Technology.
- 2013 Confluence Graduate Fellowship (5,000 USD)
Fieldwork funding for the project *A Feminist Approach to Climate Governance*, from a University of Arizona grant for innovative scholarship and creative work that advances the arts, humanities, and social sciences.
- 2011 Ford Foundation Tinker Field Research Grant (630 USD)
Field work funding for the project *Engendering the Market: A Feminist Political Ecology of Carbon Projects in Oaxaca, Mexico*.

INVITED PROFESSIONAL PRESENTATION

- 2021 *Toward equity and diversity at the United Nations Conference of the Parties* Malawi Scotland Partnership and 2050 Climate Group Scotland UK. Online Webinar
- 2021 *Climate Change Stories for Climate Justice: From International Negotiations to Women in Mexico* McGill Students Chapter for Scientista, University of McGill, Montreal, Canada. Videoconference seminar.

- 2020 *La importancia de perspectivas feministas y decoloniales socioambientales desde América Latina* La producción de la norma de género, Universidad Pontificia católica de Chile, Santiago, Chile. Videoconference seminar.
- La importancia de perspectivas feministas y decoloniales socioambientales desde América Latina* Universidad Nacional Autónoma de México, Centro Regional de Investigaciones Multidisciplinarias Programa Equidad y Género, México City, México. Videoconference seminar.
- Feminist Geographies of Climate Change from International Negotiations to Women in Mexico* Department of Geography and Environmental Studies, University of New Mexico, Albuquerque, NM
- Feminist Geographies of Climate Change from International Negotiations to Women in Mexico* Department of Gender and Women's Studies, University of Wisconsin-Madison, Madison, WI
- Feminist Geographies of Climate Change from International Negotiations to Women in Mexico* The Integrative, Religious, and Intercultural Studies Department, Grand Valley State University, Allendale, MI
- 2019 *Feminist Geographies of Climate Change from International Negotiations to Women in Mexico* Department of Geography and Environmental Sciences, Northumbria University, UK.
- The Climate for Women in Climate Science: An Intersectional Approach.* École Normale Supérieure (Paris) Institut de Biologie de l'École Normale Supérieure (IBENS). Videoconference seminar.
- 2018 *Feminist Approaches to Climate Science.* Aspen Global Change Institute seed workshop Being the 'Change' in Global Change Science: Promoting a Culture of Diversity, Equity and Inclusion, National Center for Atmospheric Research, Boulder, CO.
- Feminist Geographies of Climate Change from International Negotiations to Women in Mexico* Department of Geography, Geology, and the Environment, Illinois State University, Normal, IL.

PROFESSIONAL PRESENTATIONS

- 2019 *Feminist Geographies of Climate Change: Resisting Colonization of Gender at Climate Talks* American Association of Geographers Paper Presentation Washington, DC.
- 2018 *Feminist Geographies of Climate Change from International Negotiations to Women in Mexico* School of Geosciences RIGLE Seminar, University of Edinburgh, UK.

- Grounding Gender and Climate Change through Reflexive Research in Oaxaca, Mexico.* American Association of Geographers Paper Presentation New Orleans, LA.
- 2017 *Representing Emotion in Political Feminist Geography* (Co-presented with El Vilaly, A.). American Association of Geographers Paper Presentation Boston, MA.
- 2016 Special Panel: *Female Climate Researchers on Gender and Female Representation in the Academy.* School of Geography and Development Colloquium Series, University of Arizona, Tucson, AZ.
- The Politics and Ethics of Vulnerability: Exploring Methodologies for Rights and Justice-Based Research and Praxis.* American Association of Geographers Annual Meeting Panel, San Francisco, CA.
- 2015 *A Political Ecology of Women, Water, and Global Environmental Change: a panel-audience discussion of current contributions to feminist environmental research.* American Association of Geographers Annual Meeting Panel, Chicago, IL.
- 2013 *Narratives and Discourses Surrounding Carbon Projects in Oaxaca, Mexico.* American Association of Geographers Annual Meeting Paper Presentation, Los Angeles, CA.
- 2012 *Engendering the Market: A Feminist Political Ecology of Carbon Projects in Oaxaca, Mexico.* American Association of Geographers Annual Meeting Paper Presentation, New York, NY.
- Commodifying the Climate Crisis: A Discourse Analysis of Public-Private Partnership Approaches to Climate Change Mitigation and Adaptation in the Energy and Water Sectors in Mexico* (Co-presented with McEvoy, J.). Conference of Latin Americanist Geographers (CLAG) Paper Presentation, Merida, Mexico.
- 2011 *Gender and Payments for Environmental Services in Oaxaca: An Exploration of Equity and Sustainable Development.* Graduate Blitz Poster Presentation, University of Arizona, Tucson, AZ.
- Gender and Payments for Environmental Services in Oaxaca: An Exploration of Equity and Sustainable Development.* TINKER Paper Presentation, University of Arizona, Tucson AZ.
- Climate, Social Vulnerability and Mosquito-borne Disease in the South West U.S.* (Co-presented with Butterworth, M.). American Association of Geographers Paper Presentation, Seattle, WA.

COLLABORATIONS

- Summer 2021 **Instructor of Record** *Women, Climate and Power*. The Innovation Academy for Women for the Americas (Virtual Summer Program 2021) Global Education Office, University of New Mexico
- 2018 *Being the Change in Global Change Science: Promoting a Culture of Diversity, Equity, and Inclusion*. The Aspen Global Change Institute with 500 Women Scientists and the Earth Science Women's Network, Boulder Colorado, U.S.
- 2016–Present **Member of the Mexican Multidisciplinary Network on Climate Change** and the working group “Cities and Climate Change.” Part of the Climate Change Research Program at the National Autonomous University of Mexico (UNAM). Coordinator: Carlos Gay. Mexico City, Mexico.
- 2015–Present **Member of the Mexican Council for Science and Technology (CONACYT) Network on Gender, Society and Environment**. Coordinator: Margarita Velazquez. Mexico City, Mexico.
- 2011–Present Member: American Association of Geographers.

CONFERENCE ACTIVITY

- 2015, 2014, 2010 Conference of the Parties of the U.N. Framework Convention on Climate Change. Member of the Gender and Women's Constituency. Official representative of the University of Arizona.

TEACHING EXPERIENCE

University of New Mexico Department of Geography and Environmental Studies

Instructor of Record:

Geographies of Power: Political Ecology, Graduate Seminar (Spring 2021)
World Regional Geography (Fall 2020)

University of Edinburgh School of Geosciences

Core Lecturer:

Environmental Justice (Fall 2019, Spring 2019)

Lecturer:

Fundamental Methods in Geography (Fall 2019, Fall 2018)
Geography Fieldwork: Foundations (Human): Athens (Summer 2019)
Social and Cultural Geography (Spring 2019)
Geography, Science and Civil Society (Spring 2019)
Research Design in Geography (Spring 2019)
Economic and Political Geography (Fall 2018)

Colorado College Southwest Studies Program

Instructor of Record:

Political Ecology of the Southwest (Spring 2018, Fall 2017)
Water, Environment and Society of the Southwest (Spring 2018, Fall 2017)
Nature, Society and the Environment of the Southwest (Fall 2017)

University of Arizona School of Geography and Development

Instructor of Record:

Places in the Media. Online course (Summer 2016)
Geographies of Mexico (Fall 2015)
Foundations of Sustainable Development Practice, MA course (Fall 2015)
Introduction to Sustainable Development (Summer 2015)

Teaching Assistant:

Urban Growth and Development (Fall 2013)
Population Geography (Fall 2013)
Introduction to Physical Geography (Fall 2012, Spring 2013)

MENTORING EXPERIENCE

University of Edinburgh School of Geosciences

Advisor:

MA Geography (Fall 2018-Fall 2020)
MSc Environment and Development (Spring 2019-Summer 2019)
MSc Environment, Culture and Society (Spring 2019-Summer 2019)
MSc Carbon Management (Spring 2019-Summer 2019)

University of Arizona School of Geography and Development

- 2012–2014 **Mentor: Arizona Assurance Mentor**, University of Arizona, Tucson, AZ. Provide information and support to help facilitate the transition into college for incoming minority undergraduate students.
- 2011–2012 **Mentor: School of Geography and Development**, University of Arizona, Tucson, AZ. Advise undergraduate students, assist with thesis work and study abroad interests.

SERVICE/OUTREACH

- 2018-2020 **Undergraduate Dissertation Coordinator School of Geosciences**, University of Edinburgh, Edinburgh UK.

- 2018-2020 **Volunteer: Strengthening Communities for Race Equality Scotland (SCORE)**, Edinburgh, UK. Support SCORE specifically the Green Futures Project by leading or attending workshops and help applying for grants.
- 2015 **Lead Volunteer: Casa Alitas**, Tucson, AZ. Worked at a migrant center for women and children.
- 2014 **Representative: Jan Monk Committee**, School of Geography and Development, University of Arizona. Organized and invited scholars to the Annual Janice Monk Lecture.
- 2013–2014 **President: International Women’s Club**, University of Arizona. Supported a fun and safe environment for international women to gather, build friendships, and create support groups.
- 2013 **Volunteer: Study of U.S. Institutes for Student Learners (SUSI)**, a program created by the Department of State’s Bureau of Educational and Cultural Affairs. Provided orientation for Mexican students preparing to visit the U.S., and taught SUSI participants from Central and South America how to harness the power of digital media to tell their stories.
- 2012 **Volunteer: Bureau of Applied Research in Anthropology**, University of Arizona. Worked in a community-based research and outreach project of the Pima County Public Library to create a Spanish-language film designed to introduce new community members to the library and its services.
- 2010–2011 **Mentor: LEARN Center**, Catalina Magnet High School, Tucson, AZ. Provide helpful information, support, and encouragement to a minority student during high school and during her transition to college.

MISCELLANEOUS

Languages: Spanish, Native Speaker. French, Intermediate.
Computer Applications: SPSS, NVIVO, Photoshop.
Citizenship: USA, Mexico.

ACADEMIC REFERENCES

Diana Liverman

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School of Geography and Development
University of Arizona
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Sallie Marston

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Office: ENR2 S431

Santiago Guerra (*Teaching and professional reference*)

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Jeffrey Banister

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Kanchana Ruwanpura

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Julie Cupples (*Professional reference*)

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Studies and Head of Geography and the Lived
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University of Edinburgh
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