

Zeke Baker

Curriculum Vitae

Department of Sociology | Sonoma State University
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PROFESSIONAL APPOINTMENTS

2020 - Current	Assistant Professor of Sociology <i>Sonoma State University</i>
2019-2020	Postdoctoral Research Associate <i>University of Oklahoma Cooperative Institute for Mesoscale Meteorological Studies, National Atmospheric and Oceanic Administration (NOAA) National Weather Service Alaska Region</i>

EDUCATION

2019	Ph.D.	University of California, Davis , Department of Sociology
2013	M.A.	University of California, Davis , Department of Sociology
2009	B.A.	Wheaton College , Department of Sociology

AREAS OF SPECIALIZATION

Environmental Sociology (Climate Change and Natural Resources); Political Sociology; Science & Technology Studies; Qualitative and Historical Methods

PEER REVIEWED ARTICLES

2021	Baker, Zeke. 2021. "Anticipatory Culture: Weather, Climate, and Temporal Dissonance in the Bering Sea." <i>Weather, Climate & Society</i> 13: 1-14. https://doi.org/10.1175/WCAS-D-21-0066.1
2021	Baker, Zeke. 2021. "Agricultural Capitalism, Climatology and the 'Stabilization' of Climate in the United States, 1850–1920." <i>British Journal of Sociology</i> 72(2): 379-396. https://doi.org/10.1111/1468-4446.12762 .
2020	Baker, Zeke, Julia A. Ekstrom, Kelsey D. Meagher, Benjamin L. Preston, and Louise Bedsworth. 2020. "The Social Structure of Climate Change Research and Practitioner

Engagement: Evidence from California.” *Global Environmental Change* 63:102074.
<https://doi.org/10.1016/j.gloenvcha.2020.102074>.

- 2018 **Baker, Zeke**, Julia Ekstrom and Louise Bedsworth. 2018. “Climate Information? Embedding Climate Futures within Temporalities of California Water Management.” *Environmental Sociology* 4(4): 419-433.
<https://doi.org/10.1080/23251042.2018.1455123>
- 2018 **Baker, Zeke**. 2018. “Meteorological Frontiers: Climate Knowledge, the West, and US Statecraft, 1800-1850.” *Social Science History* 42(4): 731-761.
<https://doi.org/10.1017/ssh.2017.51>
- 2017 **Baker, Zeke**. 2017. “Climate State: Science-State Struggles and the Formation of Climate Science in the US from the 1930s to 1960s.” *Social Studies of Science* 47(6): 861-887. <https://doi.org/10.1177/0306312717725205>

BOOK CHAPTERS

- 2021 Hall, John R. and **Zeke Baker**. 2021. “Climate Change Apocalypse and the Future of Salvation.” In: Andersson, Jenny and Sandra Kemp (eds.) *Futures: Interdisciplinary Perspectives on Futurity*. London: Oxford University Press.
- 2019 **Baker, Zeke**. 2019. “Three Propositions Toward a Cultural Sociology of Climate Change.” Pp. 95-103 in Hall, John R., Ming-Cheng Lo, and Laura Grindstaff (eds.) *Routledge Handbook of Cultural Sociology*. New York: Routledge. (chapter available [here](#)).

GOVERNMENT REPORTS

- 2021 **Baker, Zeke**. 2021. “Weather Information Use in the Bering Sea: A Social Analysis of Risk, Uncertainty, and Marine Decision-making.” Report to the National Weather Service, National Oceanic and Atmospheric Administration, US Department of Commerce. Report available [here](#).
- 2018 Ekstrom, Julia A., Meghan R. Klastic, Amanda Fencl, Mark Lubell, **Zeke Baker**, and Frances Einterz. 2018. [Drought Management and Climate Adaptation among Small, Self-Sufficient Water Systems in California](#). California’s Fourth Climate Change Assessment, California Natural Resources Agency. (Peer Reviewed).

BOOK REVIEWS

- 2020 **Baker, Zeke**. 2020. Review of: Veldman, Robin Globus: *The Gospel of Climate Skepticism: Why Evangelical Christians Oppose Action on Climate Change*. *Review of Religious Research*. DOI: [10.1007/s13644-020-00399-x](https://doi.org/10.1007/s13644-020-00399-x).

MANUSCRIPTS UNDER REVIEW AND IN PREPARATION

Baker, Zeke and Stephen Fick. "Loving to Death: Land Use Conflict, Outdoor Recreation and the Contradictions of 'Wilderness' in Southeast Utah, USA" [Under Review at *Society & Natural Resources*].

Baker, Zeke. *Governing Climate: History, Power, and the Struggle over the Future.* [Book manuscript in preparation]

RESEARCH APPOINTMENTS

2019-2020 **Postdoctoral Researcher and Principal Investigator, National Weather Service-Alaska**

Funded by the National Oceanic and Atmospheric Administration (in partnership with the University of Oklahoma Cooperative Institute for Mesoscale Meteorological Studies), "Improving Decision Support for Marine Communities in the Bering Sea Region."

2018-2019 **Co-Principal Investigator** (with Dr. Stephen Fick, *CU-Boulder/US Geological Survey*)

Funded by the American Alpine Club, "A Political Ecology of Indian Creek, UT: Bridging Access and Impacts in a Multi-use Landscape." Additional grant proposals presently under review with the National Park Service and the Bureau of Land Management.

2016-2018 **Graduate Student Researcher, UC Davis Policy Institute for Energy, Environment and the Economy.**

Funded by US EPA (#83519401, PIs Julia Ekstrom and Louise Bedsworth), "Integrating Information from Climate Scientists and Resource Managers: Informing Preparedness and Adaptation to Extreme Event Impacts on Air and Water Quality in California"; and California Dept. of Natural Resources (PIs Julia Ekstrom, Mark Lubell), "Drought Planning and Climate Adaptation of Small Self-Sufficient Water Utilities in California."

TEACHING

Sonoma State University, Department of Sociology

Instructor of Record

Sociological Theory (Fall 2020, Spring 2021, Fall 2021)

Political Sociology (Spring 2021)

Environmental Sociology (Fall 2020)

Science, Technology and Society (Fall 2021)

University of California, Davis, Department of Sociology

Instructor of Record

Sociological Theory (2019)

Introduction to Social Research Methods (2018)

Teaching Assistant (*Indicates regular section instruction)

Sociological Theory* (2013, 2014, 2015, 2016)

Environmental Sociology (2015)

Global Social Change* (2015)

Social Stratification (2015)

International Migration (2014)

Popular Culture* (2013)

Social Problems* (2012)

Sociology of Law (2012)

Social Relationships (2012)

Self & Society* (2011, 2012, 2013)

University of California, Davis, Department of Science & Technology Studies

Teaching Assistant

Introduction to Science & Technology Studies (2015)

International Honors Program, Climate Change Program (2018)

Local Faculty

Comparative Issues in Food, Water, and Energy

AWARDS, GRANTS, AND FELLOWSHIPS

2017-18 **UC Davis Graduate Studies**, Provost's Dissertation Year Fellowship Award (\$43,146)

2017-18 **American Alpine Club**, AAC Research Grant (\$1,500)

2016 **UC Davis Institute for Social Sciences**, Dissertation Research Grant (\$3,000)

2015, 2016 **UC Davis Department of Sociology**, Dissertation Research Fellowships (\$12,852 total)

2015, 2016 **Social Science History Association**, Charles C. Tilly Award (\$600 total)

2015, 2016 **UC Davis Department of Sociology**, Summer Research Grant (\$6,000)

2015 **History of Science Society**, Travel and Support Grants (\$300)

- 2014 **UC Davis Graduate Studies**, International Travel Grant (\$1,000)
- 2014 **UC Davis Department of Sociology**, Small Grant for Research (\$600)
- 2013-17 **UC Davis Department of Sociology**, Travel Grants (\$400-\$1,200 annually)

MEDIA ENGAGEMENT

With Jamie Pietruska, I wrote an op-ed in October 2019 in *The [Washington Post](#)* based on research [in the history of meteorology](#).

I have engaged KCBS-Sacramento Radio, [NewsDeeply](#), [The Confluence](#), and other outlets, regarding my research on climate change and water resource management in California.

Work in Southeast Utah has been featured on public radio, [KZMU/Science Moab](#).

Ongoing research in the Bering Sea/Arctic Region has been featured on [KUCB](#) and KUHB public radio.

CONFERENCE PAPER PANEL PRESENTATIONS (SELECTED)

- 2021 American Meteorological Society. “Anticipatory Culture and Temporal Dissonance in the Bering Sea.” (Virtual, January 12)
- 2020 American Sociological Association. “Anticipatory Culture in the Bering Sea.” (San Francisco, CA, August 18) [online due to COVID-19]
- 2019 American Geophysical Union. “Anticipating Future Bering Sea Marine Environments: Following Sea Ice and Marine Forecasts from Production to Use.” (San Francisco, December 2019).
- 2019 American Sociological Association. “Beyond Crisis: Towards a Critical Climatology.” (New York, August 2019)
- 2018 Social Science History Association. “Governing Futures: The Climate-Security Field and the Fragmentation of Climate Expertise.” (Phoenix, AZ, November 9)
- 2018 Society for the Social Studies of Science (4S). “Agricultural Capitalism, Climatology, and the Dialectics of Climate Stabilization, 1850s-1900.” (Sydney, AU, August 31)
- 2018 American Sociological Association. “Climate Information? Embedding Climate Futures within Social Temporalities of California Water Management.” (Philadelphia, PA, August 11)
- 2017 Social Science History Association. “Stabilizing Climate, Economizing Weather: U.S. Industrialism and Climate Knowledge, 1870-1930.” (Montreal, QC, November 3)
- 2017 Social Science History Association. “Antinomies of Apocalypse and Social Temporalities of Climate.” (Montreal, QC, November 2)

- 2017 Society for the Social Studies of Science (4S). “Meteorological Frontiers: Climate Knowledge, the West, and U.S. Statecraft, 1800-1850.” (Boston, MA, September 1)
- 2017 American Sociological Association. “Meteorological Frontiers: Climate Knowledge, the West, and U.S. Statecraft, 1800-1850.” (Montreal, QC, August 13)
- 2017 Center for the Critical Study of Apocalyptic and Millenarian Movements. Conference: Climate and Apocalypse. Paper: “Antinomies of Apocalypse: Hermeneutic Phenomenology and the Temporal Deconstruction of Climatic Imaginaries.” (Bedford, UK, June 29)
- 2016 Social Science History Association. “Climate Knowledge, Territoriality, and Racial Climatology” (Chicago, IL, November 18)
- 2015 History of Science Society. “From Appropriation to Biopolitics: Climate Change, Meteorology, and U.S. Westward Expansion.” (San Francisco, CA, November 22)
- 2015 Social Science History Association. “Climate Knowledge as a Practice of Government: Meteorology, Climate Change and State Formation.” (Baltimore, MD, November 14)
- 2014 Social Science History Association. “Making Waves: WWII, the Cold War and the Origins of a Climate-Science Field.” (Toronto, ON, November 9)

PROFESSIONAL SERVICE

Professional Member: *American Sociological Association; Social Science History Association; Society for the Social Studies of Science; American Meteorological Society; American Geophysical Union*

Referee, on occasion, with the following journals: *Environmental Sociology; Sociological Forum; Climatic Change; Weather, Climate & Society; History of Education Quarterly*

- 2016-present **Network Representative,** Social Science History Association (Network: Education/Knowledge/Science; Organizer and Chair of many panels)
- 2021-present **Area Representative** (Arctic Region), *International Commission for the History of Meteorology*
- 2018 **Organizer,** Panel: “Climate, Science, and Empire: Bridging Historical and Current Developments.” Society for Social Studies of Science (4S) Annual Meeting
- 2018 **Organizer,** Comparative-Historical Sociology Section Roundtable Sessions, American Sociological Association Annual Meeting
- 2017-18 **Co-Chair,** Power & Inequality Workshop, UC Davis, Department of Sociology
- 2015-2019 **Social Transformations Research Cluster,** UC Davis, Department of Sociology, Graduate Student Organizer
- 2016-17 **Colloquium Committee,** UC Davis, Department of Sociology

- 2017-present **Mentor**, Graduate Student Mentorship Program, UC Davis, Department of Sociology
- 2017 **Workshop Committee**, Policy Institute for Energy, Economy, and the Environment. Regional Drought Preparedness and Climate-Change Adaptation in Drinking Water Management (Modesto, Lakeport, and Salinas, CA)
- 2017 **Chair**, Social Science History Association Annual Meeting, Panel Session: “The Implications of Aaron Panofsky’s *Misbehaving Science*”
- 2017 **Organizer**, Social Science History Association Annual Meeting, Panel Session: “Race in the Formation of U.S. Education Policy”
- 2016 **Faculty Search Committee**, UC Davis, Department of Sociology
- 2015, 2014 **Program Committee**, UC Davis, Department of Sociology Research Development Conference, Co-Chair
- 2015 **Organizer**, UC Davis, Department of Sociology Graduate Program, Practicum on Historical Sociological Research
- 2015 **Coordinator/Discussant**, “*Laudato si*: Religious Engagement with Climate Justice,” Davis Community Church Lenten Book Study.
- 2018, 2012-14 **Social Chair**, UC Davis Graduate Sociology Student Association
- 2011 **Program Coordinator**, Kashia Indian Reservation GED Program, Stewarts Point, CA.
- 2011 **Associate Coordinator**, Career and Educational Services, Federated Indians of Graton Rancheria/Tribal TANF of Sonoma and Marin (Rohnert Park, CA)
- 2009-10 **Environmental Justice Research Assistant**, People for Community Recovery (Chicago, IL)

UNIVERSITY SERVICE (Sonoma State University)

- 2020-present Department of Sociology, Curriculum Committee
- 2020-present School of Social Sciences, Undergraduate Research Committee
- 2021 Organizer, Social Justice Week Student Research Symposium