Department of Sociology | Sonoma State University

1801 East Cotati Ave, Stevenson 2084 | Rohnert Park, CA 94928

bakerz@sonoma.edu | (707) 489-9353 | [faculty webpage](https://web.sonoma.edu/sociology/faculty/zeke-baker.html)

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| **PROFESSIONAL APPOINTMENTS (Post-PhD)** |
| Fall 2020 - Current | **Assistant Professor of Sociology***Sonoma State University* |
| 2019-2020 | **Postdoctoral Research Associate***University of Oklahoma Cooperative Institute for Mesoscale Meteorological Studies, National Atmospheric and Oceanic Administration (NOAA) National Weather Service Alaska Region* |
| **EDUCATION** |  |
| 2019 | Ph.D. | **University of California, Davis**, Department of SociologyDissertation: *Meteorological Government: A Political Genealogy of Climate Knowledge in the U.S., 1780-2018*Committee: John R. Hall (Chair), Stephanie L. Mudge, Diana K. Davis, Patrick Carroll |
| 2013 | M.A. | **University of California, Davis**, Department of Sociology |
| 2009 | B.A. | **Wheaton College**, Department of Sociology |
| **TEACHING** |
| **Sonoma State University**, Department of Sociology |
| *Instructor of Record*Sociological Theory (Fall 2020)Environmental Sociology (Fall 2020)*\*Scheduled for Spring 2021*:Political SociologySociological Theory |
| **University of California, Davis**, Department of Sociology  |
| *Instructor of Record*Sociological Theory (2019)Introduction to Social Research Methods (2018)*Teaching Assistant* (including direct 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 |
| **PEER REVIEWED ARTICLES** |
| 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>. |
| 2020 | **Baker, Zeke.** 2020. “Agricultural Capitalism, Climatology and the ‘Stabilization’ of Climate in the United States, 1850–1920. *British Journal of Sociology*: 1–18. <https://doi.org/10.1111/1468-4446.12762>. |
| 2018 | **Baker, Zeke**, Julia Ekstrom and Louise Bedsworth. 2018. “Climate Information? Embedding Climate Futures within Temporalities of California Water Management.” [*Environmental Sociology*](https://www.tandfonline.com/doi/abs/10.1080/23251042.2018.1455123) 4(4): 419-433. |
| 2018 | **Baker, Zeke**. 2018. “Meteorological Frontiers: Climate Knowledge, the West, and US Statecraft, 1800-1850.” [*Social Science History*](https://www.cambridge.org/core/journals/social-science-history/article/meteorological-frontiers-climate-knowledge-the-west-and-us-statecraft-180050/06473E78C6FE5EFA75373DA46E24F76D) 42(4): 731-761. |
| 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*](https://journals.sagepub.com/doi/10.1177/0306312717725205)47(6): 861-887. |
| **BOOK CHAPTERS** |
| Forth-coming 2020 | Hall, John R. and **Zeke Baker**. In Press. “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.** “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](https://docs.wixstatic.com/ugd/5e72ac_87cbf3bc5b1747298ddd20ed2143c787.pdf)). |
| **REPORTS (PEER REVIEWED)** |
| 2018 | Ekstrom, Julia A., Meghan R. Klasic, Amanda Fencl, Mark Lubell, **Zeke Baker**, and Frances Einterz. August 2018. [*Drought Management and Climate Adaptation among Small, Self-Sufficient Water Systems in California*](http://www.climateassessment.ca.gov/techreports/docs/20180827-Water_CCCA4-CNRA-2018-004.pdf)*.* California’s Fourth Climate Change Assessment, California Natural Resources Agency. |
| **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**, Eugene Petrescu, and Rebecca Heim. “Weather Information Use in the Bering Sea: A Social Analysis of Risk, Uncertainty, and Marine Decision-making.” A Report to the National Weather Service, National Oceanic and Atmospheric Administration, US Department of Commerce.**Baker, Zeke** and Stephen E. Fick. “Loving to Death: Land Use Conflict, Outdoor Recreation and the Contradictions of ‘Wilderness’ in Southeast Utah, USA” [paper in preparation].**Baker, Zeke.** “Anticipatory Culture in the Bering Sea: Following Sea Ice and Marine Forecasts from Production to Use.” [paper in preparation]. **Baker, Zeke.** “Weather, Knowledge, and Temporal Dissonance in a Changing Bering Sea.” [paper in preparation].**Baker, Zeke.** *Governing Climate: History, Power, and the Struggle over the Future*. [Book manuscript in preparation] |
| **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*](https://www.washingtonpost.com/outlook/2019/10/17/should-we-talk-about-weather-should-we-talk-about-government/) based on research in the history of meteorology.I have engaged KCBS-Sacramento Radio, [*NewsDeeply*,](https://www.newsdeeply.com/water/community/2018/09/06/why-some-water-managers-are-unprepared-for-climate-change) [*The Confluence*](http://ucanr.edu/blogs/blogcore/postdetail.cfm?postnum=26794), 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 and a podcast by [KZMU/Science Moab](https://www.kzmu.org/the-science-of-climbing/).Ongoing research in the Aleutian Islands has been featured on [KUCB](https://www.kucb.org/) and KUHB public radio. |
| **CONFERENCE PAPER PANEL PRESENTATIONS (SELECTED)** |
| 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, CA, December 5) |
| 2019 | American Sociological Association. “Beyond Crisis: Towards a Critical Climatology.” (New York, August 15) |
| 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 DEVELOPMENT (Post-PhD)** |
| 2020 | Participant, Canvas Design Summer Institute, Sonoma State University Center for Teaching & Educational Technology |
| 2019 | Participant, Arctic Research Council of the United States (ARCUS) Meeting at the Annual Meeting of the American Geophysical Union |

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| **PROFESSIONAL & ACADEMIC service** |
| **Departmental Service at Sonoma State University** |
| 2020-2021 | Department of Sociology, Curriculum Committee |
| **Professional Membership and Affiliation:** *American Sociological Association**Society for the Social Studies of Science**American Meteorological Society**American Geophysical Union**Social Science History Association* |
| **Service to the Profession and the Community** |
| **Referee**, on occasion, with the following journals: *Environmental Sociology*, *Sociological Forum, History of Education Quarterly* |
| 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  |
| 2016-present | **Network Representative,** Social Science History Association (Network: Education/Knowledge/Science; Organizer and Chair of many panels)  |
| 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 |
| 2017-2019 | **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) |
| PAST RESEARCH APPOINTMENTS |

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| 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.” |
| 2018-2020 | **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.” |
| 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 CaliforniaIntegrating 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.” |