

## GWEN ARNOLD

(June 2023)

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### CONTACT INFORMATION

Department of Environmental Science and Policy  
University of California, Davis  
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Davis, CA 95616

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### ACADEMIC APPOINTMENTS

#### University of California, Davis, CA

Department of Environmental Science and Policy  
Associate Professor, January 2019–  
Assistant Professor, July 2013–January 2019

#### University of Cincinnati, Cincinnati, OH

Department of Political Science  
Assistant Professor, August 2012–June 2013

#### Indiana University, Bloomington, IN

Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis  
Affiliated Faculty, November 2012–present

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### EDUCATION

#### Indiana University, Bloomington, IN

Ph.D. Public Policy, August 2012  
Concentrations: Environmental Policy and Political Theory and Methodology

#### University of Michigan, Ann Arbor, MI

B.A. Political Science (Minor: Global Change), May 2003

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### PEER-REVIEWED PUBLICATIONS (\*Denotes student or post-doc coauthor at time of writing)

- Krause, Rachel, Mohsen S. Fatemi\*, Le Anh Nguyen Long, **Gwen Arnold**, and Sarah Hofmeyer\*. What is the future of survey-based data collection for local government research? Trends, strategies, and recommendations. *Urban Affairs Review*, <https://journals.sagepub.com/doi/10.1177/10780874231175837>
- Long, Le Anh Nguyen, Rachel Krause, **Gwen Arnold**, and Ryan Swanson\*. Examining the individual and relational underpinnings of transformative urban governance. *Urban Transformations* 5 no. 9: <https://urbantransformations.biomedcentral.com/articles/10.1186/s42854-023-00054-y>
- Keith Taylor, Nathan Goodman\*, Parisa Kavousi, Taylor Giamo, **Gwen Arnold**, and Zoe Plakias. Economic governance of cannabis: The implications of subsidiarity in Mendocino County. 2023. *Public Administration Quarterly* (forthcoming).
- Moldogaziev, Tima, Chris Silvia, Tatyana Ruseva, Le Anh Nguyen Long, Rachel Krause, **Gwen Arnold**, and Chris Witko. Support for the environment post-transition? Material concerns and policy tradeoffs. 2023. *Review of Policy Research* 40 no. 2, 186-206, <https://doi.org/10.1111/ropr.12498>
- Scott, Tyler, Mark Lubell, and **Gwen Arnold**. 2023. The evolution of environmental policy network analysis. *Sage Handbook of Social Network Analysis* (forthcoming).
- Klastic, Meghan, Madeline Schomburg, **Gwen Arnold**, Abigail York, Melissa Baum\*, Maia Cherin\*, Sydney Cliff\*, Parisa Kavousi, Alexandria Jordan Tillet Miller\*, Diana Shajari\*, Yuer Wang\*, and Luigi Zialcita\*. A review of community impacts of boom-bust cycles in unconventional oil and gas development. 2022. *Environmental Research and Social Science* 93 (November): <https://doi.org/10.1016/j.erss.2022.102843>

- **Gwen Arnold\***, Meghan Klasic\*, Madeline Gottlieb Schomburg, Abigail York, Melissa Baum\*, Maia Cherin\*, Sydney Cliff\*, Parisa Kavousi, Alexandria Jordan Tillett Miller\*, Diana Shajari\*, Yuer Wang\*, and Luigi Zialcita. 2022. Boom, bust, action! How communities can cope with boom-bust cycles in unconventional oil and gas development. *Review of Policy Research* 5 no. 9: 541–569, <https://onlinelibrary.wiley.com/doi/full/10.1111/ropr.12490>
- Fleischman, Forrest, Cory Struthers, **Gwen Arnold**, Michael Dockery, and Tyler Scott. 2022. The National Environmental Policy Act and USDA Forrest Service: Where we agree, where we disagree, and why. *Journal of Forestry* <https://doi.org/10.1093/jofore/fvab076> (forthcoming).
- **Arnold, Gwen**. 2022. A threat-centered theory of policy entrepreneurship. *Policy Sciences* 55: 23–45, <https://doi.org/10.1007/s11077-021-09445-z>.
- Parisa Kavousi\*, Taylor Giamo\*, **Gwen Arnold**, Mateo Alliende\*, Elisabeth Huynh\*, Jaclyn Lea\*, Rachel Lucine\*, Alexandria Jordan Tillett Miller\*, Alana Webre\*, Aneka Yee\*, Adrianna Champagne-Zamora\*, and Keith Taylor. 2021. What do we know about opportunities and challenges for localities from cannabis legalization? *Review of Policy Research*, 39 no. 2: 143–169, <https://onlinelibrary.wiley.com/doi/full/10.1111/ropr.12460>
- Struthers, Cory\*, Tyler Scott, Forrest Fleischman, and **Gwen Arnold**. 2021. The forest ranger (and the legislator): How local politics shape deconcentrated policy implementation. *Journal of Public Administration Research and Theory* <https://doi.org/10.1093/jopart/muab037> (forthcoming).
- Struthers, Cory\*, **Gwen Arnold**, Tyler Scott, and Forrest Fleischman. 2021. After the vote: Climate policy decision-making in the administrative state. *Current Opinion on Environmental Sustainability* 52: 58–67, <https://doi.org/10.1016/j.cosust.2021.06.014>.
- **Arnold, Gwen**. 2021. Distinguishing the street-level policy entrepreneur. *Public Administration* 99 no. 3: 439–453, <https://onlinelibrary.wiley.com/doi/full/10.1111/padm.12703>.
- **Arnold, Gwen**. 2021. Does policy entrepreneurship work? Understanding what policy entrepreneurs do and whether it matters. *Policy Studies Journal* 49 no. 4: 968–991, <https://onlinelibrary.wiley.com/doi/full/10.1111/psj.12388>.
- Fleischman, Forrest, Cory Struthers\*, **Gwen Arnold**, Michael Dockery, and Tyler Scott. 2020. U.S. Forest Service implementation of the National Environmental Policy Act: Fast, variable, rarely litigated, and declining. *Journal of Forestry* 118 no. 14: 403–418.
- Le Anh Nguyen Long\*, Megan Foster\*, and **Gwen Arnold**. 2019. The impact of stakeholder engagement on local policy decision-making. *Policy Sciences* 52 no. 4: 549–571, <https://link.springer.com/article/10.1007/s11077-019-09357-z>
- Tatyana Ruseva, Megan Foster\*, **Gwen Arnold**, Saba Siddiki, Abigail York, Riley Pudney\*, and Ziquiao Chen\*. 2019. Applying policy process theories to environmental governance research: Themes and new directions. *Policy Studies Journal* 47 no. S1: S66–S95
- **Arnold, Gwen**, and Le Anh Nguyen Long\*. 2018. Policy expansion in local government environmental policymaking. *Public Administration Review* 79 no. 4: 465–476, <https://onlinelibrary.wiley.com/doi/full/10.1111/puar.12905>.
- Gottlieb, Madeline\*, Ernst Oettinger\*, and **Gwen Arnold**. 2018. “No fracking way” vs. “Drill baby drill”: A restructuring of who is pitted against whom in the Narrative Policy Framework. *Policy Studies Journal* 46 no. 4: 798–827.
- **Arnold, Gwen**, and Luke Shimek. 2018. Nodes and links as actors and actions in public administration networks. In *The Handbook of American Public Administration*, eds. Edmund C. Stazyk and H. George Frederickson. Northampton, MA: Edward Elgar Publishing.
- **Arnold, Gwen**, Benjamin Farrer, and Robert Holahan. 2018. How do landowners learn about high-volume hydraulic fracturing? A survey of Eastern Ohio landowners in active or proposed drilling units. *Energy Policy* 114: 455–464.
- **Arnold, Gwen**, Benjamin Farrer, and Robert Holahan. 2018. Measuring environmental and economic opinions about hydraulic fracturing: A survey of landowners in active or planned drilling

units. *Review of Policy Research* 35 no. 2: 258–279.

- **Arnold, Gwen**, Le Anh Nguyen Long\*, and Madeline Gottlieb\*. 2017. Social networks and policy entrepreneurship: How relationships shape municipal decision-making about high-volume hydraulic fracturing. *Policy Studies Journal* 45 no. 3: 414–441, <https://onlinelibrary.wiley.com/doi/full/10.1111/psj.12175>.
- **Arnold, Gwen**, and Kaubin Wosti Neupane\*. 2017. Determinants of pro-fracking measure adoption by New York Southern Tier municipalities. *Review of Policy Research* 34 no. 2: 208–232.
- Cox, Michael, Sergio Villamayor Tomás, and **Gwen Arnold**. 2016. Design principles in commons science: A response to “Ostrom, Hardin and the commons” (Araral). *Environmental Science and Policy* 61: 238–242.
- **Arnold, Gwen**. 2015. When cooperative federalism isn’t: How U.S. federal interagency contradictions impede effective wetland management. *Publius* 45 no. 2: 244–269.
- **Arnold, Gwen**. 2015. Street-level policy entrepreneurship. *Public Management Review* 17 no. 2: 307–327.
- **Arnold, Gwen**. 2014. Policy learning and science policy innovation implementation by street-level bureaucrats. *Journal of Public Policy* 34 no. 2: 389–414.
- **Arnold, Gwen**, and Robert Holahan. 2014. The federalism of fracking: How the locus of policymaking authority affects civic engagement. *Publius* 44 (2): 344–368.
- Holahan, Robert, and **Gwen Arnold**. 2013. An institutional theory of hydraulic fracturing policy. *Ecological Economics* 94: 127–134.
- **Arnold, Gwen**, and Forrest Fleischman. 2013. The influence of organizations and institutions on wetland policy stability: The *Rapanos* case. *Policy Studies Journal* 41 no. 2: 343–364.
- **Arnold, Gwen**. 2013. Use of monetary wetland value estimates by EPA Clean Water Act Section 404 regulators. *Wetlands Ecology and Management* 21 no. 2: 117–129.
- **Arnold, Gwen**. 2012. Enhancing college students’ environmental sensibilities through online journaling. *Environmental Education Research* 18 no. 3: 133–150.
- Cox, Michael, **Gwen Arnold**, and Sergio Villamayor Tomás. 2010. A review and reassessment of design principles for community-based natural resource management. *Ecology and Society* 15 no. 4: 38.

#### *Other Publications*

- **Arnold, Gwen**, Andrew Leach, and Leila Tabrizi. Content analysis of auto ads in the United States, 2005, 2012, 2015, and 2017. Prepared for Consumers Union (advocacy division of Consumer Reports), June 2018.
- Mudliar, Pranietha, and **Gwen Arnold**. 2016. Review of “Fighting King Coal: The Barriers to Grassroots Environmental Justice Movement Participation in Central Appalachia,” by Shannon Elizabeth Bell. *Review of Policy Research* 34 no. 5: 727–729.

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#### **FUNDING**

- UC National Laboratory Fees Research Program, “Coastal Wetland Restoration: A Natural-Based Decarbonization Multi-Benefit Climate Mitigation Solution,” with Adina Payton et al.; 2022–2025; \$3.6 million total, \$214,993 UC Davis portion.
- National Science Foundation Decision, Risk, and Management Sciences, “Dealing with Disruption: Investigating the Micro-level Underpinnings of City Response to the Climate Crisis,” with Rachel Krause, University of Kansas, and Le Anh Nguyen Long, University of Twente; 2021–2024; \$534,861 total; \$319,474 UCD portion.
- National Science Foundation Science of Science and Innovation Policy, “Understanding drivers of innovation in the use of science in federal NEPA decision-making,” with Tyler Scott, UCD, and Forrest Fleishman, UMN; 2018–2021; \$531,243 total; \$157,013 UCD portion
- National Science Foundation Decision, Risk, and Management Sciences, “Escaping the boom-bust

cycle: Identifying sustainable governance strategies for shale-dependent communities,” with Abigail York, ASU; 2017–2022; \$560,258 total; \$208,677 UCD portion

- National Science Foundation Decision, Risk, and Management Sciences, “Analyzing the role of social networks in local government decision-making about high-volume hydraulic fracturing,” 2015–2017; \$525,000 (allUCD)
- California Institute of Water Resources, 2015–2018; \$25,000
- UC Davis Hellman Fellowship, 2014–2015; \$40,135

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## AWARDS

- 2022 Eleanor and Harry Walker Academic Advising Award, UC Davis College of Agriculture and Environmental Science
- 2021 Emerging Young Scholar Award, American Political Science Association Section on Science, Technology, and Politics
- 2018 Paul A. Sabatier Best Conference Paper Award, American Political Science Association Section on Science, Technology, and Politics
- 2018 UC Davis Chancellor’s Award for Excellence in Undergraduate Research Mentoring
- 2017 Outstanding Reviewer, *Policy Studies Journal*
- 2016 John Kincaid *Publius* Best Article Award for “When cooperative federalism isn’t: How U.S. federal interagency conflicts impede effective wetland management”

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## CONFERENCE PRESENTATIONS (after 2012, presentations canceled due to COVID omitted)

- Association of Public Policy and Management, 2016, 2017, 2019
- American Political Science Association, 2015-2017, 2021
- American Society for Public Administration, 2013
- Conference on Policy Process Research, 2023
- Environmental Policy and Governance, 2015, 2019
- Indiana University Workshop on the Workshop, 2019
- International Association for the Study of the Commons, 2018
- Implications for Hydraulic Fracturing for Creating Sustainable Communities SUNY CID, 2014
- Midwest Political Science Association, 2014, 2016, 2017, 2022, 2023
- Political Networks Section of the American Political Science Association, 2013, 2017

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## TEACHING AND ADVISING

### *Courses*

- Theories of the Policy Process (ESP160 and/or ESP/ECL212), Spring 2014–2021, 2023
- Advanced Topics in Research Design (GEO200EN), Winter 2022
- Environmental Analysis (ESP1), Fall 2014–2020
- Environmental Policy (POL/EVST2031), Spring 2013
- Sustainable Development (POL/EVST3031, Spring 2013
- Public Policy Research and Evaluation (POL7001), Fall 2012

### *PhD students*

Ellie Oldach (2018–), Mackenzie Johnson (2017–), Megan Foster (2016–2019), Madeline (Gottlieb) Schomburg (2014–2019), Maria Brun (2013–2017)

### *Master’s students*

Ryan Swanson (2019–2022)

### *Undergraduate research assistants and mentees (including honors/senior thesis advisees)*

Adrianna Champagne-Zamora, Akila Herath, Alana Webre, Alex Tillett Miller, Alli Permann, Amanda

Huebner, Aneka Yee, Angel Yin, Antonio Xu, Ariana Hernandez, Atley Keller, Aurora Schunemann, Ayse Trail, Becky Robbins, Ben Phillips, Benjamin Cho, Bobby John, Brooke Garcher, Bryan Pocasangre, Carla Mcewen, Carly Placiendo, Changtong Wu, Charlotte Rap, Chloe Bombardieri, Claire McLeod, Courtney Carroux, Courtney Williams, Daniel Seong, Daniela Turner, David Lim, Diana Shajari, Dylan Chiu, Eleni Jacobson, Elizabeth Loh, Emily Malton, Elizabeth Nash, Emily Radusovsky, Eric Lin, Eugenio Alliende, Ethan Wynacht, Fei Wu, Forrest Pasturel, Geneva Iversen-Krampitz, Hannah Bireschi, Hannah Wong, Heba Omholt, Holly Murphy, Jack Daum, Jackie Su, Jaclyn Lea, Jasmine Mah, Jessica Barrett, Jessica Molina, Jessica Montross, Jiayi Luo, Joy Jia, Jordan Werkmeister, Julia Wunsch, Junna Faessel, Kathryn Wood, Katie Debenedetti, Kaubin Neupane, Kaycee Lee, Kelsey Kruger, Kenny Lipich, Ladan Khandel, Lana Saykali, Lara Ibrahim, Lauren Lee, Leila Tabrizi, Liam Pitman, Lier Liu, Lindsey Popken, Lorna Haworth, Lucy Bennett, Luis Zialcita, Luke Anthis, Madeeha Dean, Maggie Mai, Magnolia Worthington, Maia Cherin, Makenna Bohannon, Margaret Do, Maverick Bellard, Matt Slifer, Maya Wisotzki, Mckenna Weitzel, Megan Phelps, Melissa Baum, Melissa Rojas, Michael Bybee, Mina Arasteh, Mingjun Li, Nicolle Au, Nicolle Wang, Nikita Daryanani, Nikita Sinha, Nora Jang, Olya Erogov, Paola Vargas, Paul Linderman, Parisa Kavousi, Rachel Lucine, Rudy Huezo, Ryan Mickle, Sarah (Worrell) Reed, Sarah Samdin, Sarai Aguirre, Sarthak Ravel, Sarah Pyle, Shuxin Mao, Sonali Gidda, Spencer Pignotti, Sukhi Brar, Su-Lin Terhell, Susie Leung, Sydney Cliff, Tatjana Kunz, Taylor Giamo, Vicki Lin, Victoria Fu, Vivian Connolly, Vivian Toni, Winne Loo, Yue Han, Yuer Wang, Yufei Tang, Yuting Shi, Zach Niv, Ziqi Wang

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#### **REFEREE SERVICE**

*American Journal of Political Science, American Political Science Review, Conservation Letters, Ecology and Society, Economics of Energy and Environmental Policy, Energy Research and Social Sciences, Environmental Education Research, Environmental Policy and Governance, Environmental Practice, Governance, Governance in Africa, International Journal of the Commons, Journal of Economic Behavior and Organization, Journal of Institutional Economics, Ohio Journal of Science, Perspectives on Politics, Public Administration, Public Administration Review, Public Management Review, Policy Studies Journal, Review of Policy Research, Social Forces, Social Science Research, Society and Natural Resources, Urban Affairs Review, Wetlands Ecology and Management*

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#### **OTHER SERVICE**

##### *Section chair*

- Western Political Science Association Environmental Governance Miniconference (co-chair), 2019
- Western Political Science Association Environmental Politics Section, 2018–2020

##### *Committee member*

- San Diego State University Review Committee for the Sustainability major, 2021–2022
- Best Conference Paper Award, APSA Public Policy Section, 2021
- Western Political Science Association Charles Redd Award Committee, 2019
- Paul A. Sabatier Best Conference Paper Award, APSA Science, Technology, and Politics Section, 2019
- Herbert Kaufman Paper Award, APSA Public Administration Section, 2018
- Best Book Award, APSA Political Networks Section, 2013 and 2018
- Best Paper Presented as a Poster Award, MPSA Annual Conference, 2014

##### *Editorial board member*

- *Ecosphere*, 2020–
- *State and Local Government Review*, 2020–
- *Policy Studies Journal*, 2019–2020

##### *Editorship*

- Associate editor, *Policy Studies Journal*, 2020–

*Proposal reviewer*

- National Science Foundation, 2013–2022
- Ralph E. Powe Junior Faculty Enhancement Award Program, 2015–2014
- National Center for Earth and Space Science Education, May 2013

*Departmental or university committee service*

- Interim Chair, Graduate Group in Geography, 2021
- Admissions Committee Co-chair, Graduate Group in Geography, 2021
- Graduate Group in Geography Executive Committee, 2019–
- Co-vice-chair, Department of Environmental Science and Policy, 2020–
- Master Advisor, Environmental Policy Analysis and Planning Major, 2018–
- Associate Director of Research, Wild Energy Initiative, John Muir Institute, 2018
- Executive Committee, Environmental Policy and Management Master's Program, 2014–2019 and 2021–
- Co-director, Center for Environmental Policy and Behavior, 2013–
- Department of Environmental Science and Policy Socioecological Systems Faculty Search, 2016 Department of Environmental Science and Policy Climate Policy Faculty Search, 2015 Department of Political Science Methods Faculty Search, 2014
- Institute for Transportation Technology Outstanding PhD Dissertation Award Committee, 2014

*Qualifying exam, thesis, and/or dissertation committees*

Autumn Bernstein, Maria Brun, Kyra Skye Gmoser-Daskalakis, Kristin Dobbin, Aaron Fackler, Amanda Fencil, Megan Foster, Madeline Gottlieb Schomburg, Matt Hamilton, Rey Hosseinzade, Meghan Klasic, Amy Lee, Michael Levy, Amanda Lindsay, Amy Lee, Ernst Oettinger, Matt Palm, Monica Parisi, Tara Pozzi, Matt Robbins, Jess Rudnick, Meg Slatterey, Mark Temis, Kate Tiedeman, Ben White, Meghan Zulian

*Other*

- The UCD Green Initiative Faculty Committee Member, 2020
- UCD Net Impact Faculty Advisor, 2015–2017
- Advisor, University of Cincinnati Department of Political Science International Affairs BA, 2012–2013
- Member, University of Cincinnati Department of Political Science Graduate Program Committee, 2012–2013