

REED J. HUMPHREY

Evans School of Public Policy and Governance, University of Washington
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EDUCATION

Ph.D., Public Policy and Management (2026)

Evans School of Public Policy and Governance, University of Washington
Concentration in Statistics, Center for Statistics and the Social Sciences
Dissertation: “From Measurement to Mitigation: Wildfire Hazard, Social Vulnerability, and Federal Funding in the Wildland-Urban Interface”
Committee: Alison Cullen (chair), Cory Struthers, Crystal Kolden

M.P.P., Public Policy (2018)

Sol Price School of Public Policy, University of Southern California

B.S., Economics (2016)

Virginia Commonwealth University

RESEARCH EXPERIENCE

Research Assistant (2021-09 to 2026-06)

Evans School of Public Policy and Governance, University of Washington
PI: Alison Cullen

Research Associate (2018-08 to 2021-08)

Gould School of Law, University of Southern California
PI: Emily Ryo

Research Associate (2019-01 to 2019-06)

Rossier School of Education, University of Southern California
PI: Tatiana Melguizo

Research Assistant (2016-12 to 2018-05)

Sol Price School of Public Policy, University of Southern California
PI: Antonio Bento

AWARDS AND HONORS

Presidential Dissertation Fellowship (2025)

Graduate School, University of Washington

William M. Zumeta Doctoral Research Award (2024)

Evans School of Public Policy and Governance, University of Washington

PUBLICATIONS

- Humphrey R. (2026, in press) Mapping the Trajectories of Community Wildfire Exposure. *Ecosphere*.
- Humphrey R., Abatzoglou J.T. (2026) Sequences of Large-Scale Meteorological Patterns Associated with Wildfire Spread Events in the Northwestern United States. *International Journal of Wildland Fire*.
- Cullen A.C., Bradbury N., Humphrey R., Kenig-Ziesler A., Kessenich L., McCrary R., McGinnis S., Prichard S., Abatzoglou J.T. (2026) Lessons learned through convergence research applied to wildfire risk mitigation. *Environmental Science & Policy* 181, 104423. <https://doi.org/10.1016/j.envsci.2026.104423>
- Humphrey R., Saltenberger J., Abatzoglou J.T., Cullen A.C. (2024) Near-term fire weather forecasting in the Pacific Northwest using 500-hPa map types. *International Journal of Wildland Fire* 33(5). <https://doi.org/10.1071/WF23117>
- Cullen A.C., Prichard S.J., Abatzoglou J.T., Dolk A., Kessenich L., Bloem S., Bukovsky M.S., Humphrey R., McGinnis S., Skinner H., Mearns L.O. (2023) Growing convergence research: Coproducing climate projections to inform proactive decisions for managing simultaneous wildfire risk. *Risk Analysis* 43(11), 2262–2279. <https://doi.org/10.1111/risa.14113>
- Ryo E., Humphrey R. (2023) Beyond Legal Deserts: Access to Counsel for Immigrants Facing Removal. *North Carolina Law Review* 101(3), 787–840.
- Ryo E., Humphrey R. (2022) Citizenship Disparities. *Minnesota Law Review* 107(1), 1–76.
- Ryo E., Humphrey R. (2022) The importance of race, gender, and religion in naturalization adjudication in the United States. *Proceedings of the National Academy of Sciences* 119(9), e2114430119. <https://doi.org/10.1073/pnas.2114430119>
- Ryo E., Humphrey R. (2021) Children in Custody: A Study of Detained Migrant Children in the United States. *UCLA Law Review* 68(1), 136–211.

PRESENTATIONS

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| 2025-11 | “Mapping the Trajectories of Community Wildfire Exposure.” APPAM Annual Fall Research Conference. |
| 2025-05 | “Synoptic Weather Patterns Associated with Extreme Fire Spread in the Pacific Northwest.” AMS Fire and Forest Meteorology Symposium. |
| 2024-12 | “Critical Thresholds: Discontinuities in the Determinants of Wildfire Suppression Resource Use.” Society for Risk Analysis Annual Meeting. |
| 2024-04 | “Synoptic Weather Patterns and Extreme Fire Spread in the Northwest.” Fire Behavior and Fuels Conference. |
| 2023-12 | “Assessing the Impact of Development in the Wildland-Urban Interface on Projected Wildfire Risk.” Society for Risk Analysis Annual Meeting. |
| 2023-05 | “Fire Weather Forecasting in the Pacific Northwest using 500mb Map Types.” AMS Conference on Agricultural and Forest Meteorology. |
| 2022-12 | “Fire Weather Forecasting in the Pacific Northwest using 500mb Map Types.” Society for Risk Analysis Annual Meeting. |
| 2022-03 | “Climate change impacts on demand for emergency resources.” FEMA Region 10 Regional Interagency Steering Committee (RISC) Meeting. |

TEACHING EXPERIENCE

Ph.D. & M.P.A. Math Camp Instructor (2025-09, 2024-09, and 2023-09)

Evans School of Public Policy and Governance, University of Washington

Teaching Assistant (2025-01 to 2025-03)

PUBPOL 527: Quantitative Methods I

Evans School of Public Policy and Governance, University of Washington

Teaching Associate (2023-06 to 2023-08)

PUBPOL 528: Quantitative Methods II

Evans School of Public Policy and Governance, University of Washington

Teaching Assistant (2017-08 to 2017-12)

PPD 558: Multivariate Statistical Analysis

Sol Price School of Public Policy, University of Southern California

Teaching Assistant (2017-01 to 2017-05)

PPD 501: Economics for Policy, Planning, and Development

Sol Price School of Public Policy, University of Southern California

PROFESSIONAL SERVICE

Doctoral Program Workgroup (2024/25 and 2025/26)

Evans School of Public Policy and Governance, University of Washington