

# Nicole Siegal

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## Professional Experience

### Indiana University

2024–Present Postdoctoral Research Fellow, O'Neill School of Public and Environmental Affairs and Division of Adolescent Medicine, IU School of Medicine

### University of Hawai'i at Mānoa

2021–2024 Research Assistant, Pacific Alliance Against COVID-19 and Maui Wildfire Exposure Study, UH Economic Research Organization, Department of Economics

2020–2021 Research Assistant, State Epidemiologic Outcomes Workgroup, Pacific Health Analytics Collaborative, Department of Social Work and Public Health

## Education

2024 Ph.D., Economics, University of Hawai'i at Mānoa

2020 M.A., Economics, University of Hawai'i at Mānoa

2018 B.A., Economics and Political Science, *cum laude*, Colorado State University

## Academic Affiliations

2025–Present Research Affiliate, Jimmy & Rosalynn Carter School of Public Policy, Georgia Institute of Technology

2025–Present Leadership Education in Adolescent Health (LEAH) Trainee, Department of Pediatrics, Indiana University School of Medicine

2024–Present Early Career Scholar, Irsay Institute, Indiana University

## Research

ORCID ID: [0000-0003-3220-1993](https://orcid.org/0000-0003-3220-1993)

## Peer-Reviewed Publications

1. Gupta, S., Schwartz, K., Bell, L., **Siegal, N.**, & Aalsma, M.C. (2026). Trends in Access to Medications for Opioid Use Disorder (MOUD) among Adolescents with Opioid Use Disorders. *Drug and Alcohol Dependence Reports*, 16, 100417. DOI: [10.1016/j.dadr.2026.100417](https://doi.org/10.1016/j.dadr.2026.100417)
2. **Siegal, N.**, Gupta, S., Miles, J., Samples, H., Simon, K., Aalsma, M. C., & Crystal, S. (2026). Medicaid Expansion and Buprenorphine Dispensing in Early vs Recent Expansion States. *JAMA Network Open*, 9(2), e2559803. DOI: [10.1001/jamanetworkopen.2025.59803](https://doi.org/10.1001/jamanetworkopen.2025.59803)
3. **Siegal, N.** & Soni, A. (2025). The Association Between State Gestational Age Limit Abortion Laws and Severe Maternal Morbidity: United States, 2010-2022. *American Journal of Public Health*, 116(3), 341–344. DOI: [10.2105/AJPH.2025.308291](https://doi.org/10.2105/AJPH.2025.308291)

4. **Siegal, N.**, Simon, K., Freedman, S., Aalsma, M. C., & Wing, C. (2025). Stalled Improvements? Youth Opioid Misuse 2015–2022. *Journal of Adolescent Health*, 77(2). DOI: [10.1016/j.jadohealth.2025.05.008](https://doi.org/10.1016/j.jadohealth.2025.05.008)
5. Bonham, C., Juarez, R., & **Siegal, N.** (2023). Long-COVID and Unemployment in Hawaii. *The International Journal of Environmental Research and Public Health*, 20(13), 6231. DOI: [10.3390/ijerph20136231](https://doi.org/10.3390/ijerph20136231)
6. Juarez, R., **Siegal, N.**, & Maunakea, A. (2022). The Effects of COVID-19 Vaccine Mandates in Hawaii. *Vaccines*, 10(5), 773. DOI: [10.3390/vaccines10050773](https://doi.org/10.3390/vaccines10050773)

### Under Review

7. **Siegal, N.** Exposure to Deaths-of-Despair and U.S. Presidential Elections. *Revise & Resubmit at the American Journal of Health Economics*. Working Paper: [10.2139/ssrn.4808858](https://doi.org/10.2139/ssrn.4808858)
8. **Siegal, N.**, Simon, K., Wing, C., Freedman, S., & Aalsma, M. C. Discrepancies Between Self-Reported Fentanyl Use and Mortality in the United States.

### Research in Progress

9. **Siegal, N.**, Ortega, A., & Gupta, S. Regulatory Frictions, Prescribing Behavior, and Unintended Consequences: Evidence from Gabapentin Policies.
10. O’Donoghue, A., **Siegal, N.**, Talmor, N., & Adkins, S. The Impact of Abortion Restrictions on Neonatal Opioid Withdrawal Syndrome.
11. Molina, T. & **Siegal, N.** U.S. State Abortion Policies and Interstate Migration.
12. **Siegal, N.**, Koumpias, A., Ortega, A., & Wing, C. Wagering with Your Well Being? Legalization of Online Gambling and Mental Health.
13. Choi, J., Dreyer, M., Shone, H., **Siegal, N.**, Simon, K., Wing, C. Abortion Regulation and Contraception Demand.

### Technical Reports

1. [“Maui Wildfire Exposure Study: Community Health, Wellbeing, and Resilience,”](#) UHERO - MauiWES, May 2024.
2. [“Public Health Report: Initial Findings from the Maui Wildfire Exposure Study,”](#) UHERO - MauiWES, February 2024.
3. [“Shaping Health in Hawaii: The Influences of Poverty, Housing and Food Insecurity,”](#) UHERO-PAAC, July 2023.
4. [“Public Health Report: Vaccination Booster Uptake Lags as COVID Impact Reach Widens,”](#) UHERO-PAAC, January 2023.
5. [“Public Health Report: Health Effects and Views of COVID-19 in Hawai‘i,”](#) UHERO-PAAC, June 2022.
6. [“The Efficacy of Hawaii COVID-19 Business Mandates,”](#) UHERO-PAAC, October 2021.
7. [“Rapid Literature Review on Behavioral Health in Pandemic–Update,”](#) PHAC-SEOW, July 2021.
8. [“Rapid Literature Review on Homelessness and Substance Use,”](#) PHAC-SEOW, June 2021.
9. [“Rapid Literature Review on Underage Drinking, Pregnancy, and FASD,”](#) PHAC-SEOW, December 2020.
10. [“Rapid Literature Review on Behavioral Health in Pandemic,”](#) PHAC-SEOW, November 2020.

## Teaching

### Instructor of Record

#### University of Hawai‘i at Mānoa

Summer 2024, Summer 2021	Intermediate Microeconomics
Fall 2023, Fall 2021, Summer 2020	Principles of Microeconomics
Summer 2022	Economics of Human Resources (Labor Economics)

### Teaching Assistant

#### University of Hawai‘i at Mānoa

Spring 2020	Graduate Advanced Macroeconomic Theory II & Intermediate Macroeconomics
Fall 2019	Graduate Advanced Macroeconomic Theory I, Intermediate Microeconomics, & Economic Forecasting
Spring 2019, Fall 2018	Principles of Microeconomics

#### Colorado State University

Fall 2017	Principles of Microeconomics
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## Selected Honors and Awards

2024	Best Dissertation / Graduating Ph.D. - TK Jayaraman and Family Prize, UH Mānoa Economics Department
2024	Best Student Publication - Dr. Henry Mok & Dr. James Mak Scholarship Award, UH Mānoa Economics Department
2023	Career and Leadership Development Grant, American Association of University Women Honolulu
2023	Burnham O. Campbell Scholarship Award, UH Mānoa Economics Department
2023	Graduate Student Organization Travel Award, UH Mānoa
2023	Travel Funds for Professional Development in Research, UH Mānoa College of Social Sciences

## Professional Activities

- **Professional Memberships:** American Society of Health Economists, Association for Public Policy Analysis and Management, Southern Economic Association
- **Journal Referee:** The Quarterly Journal of Economics, Nature - Scientific Reports, Journal of Health Economics, Healthcare: The Journal of Delivery Science and Innovation, Humanities and Social Sciences Communications.
- **Conference Service:** *Panel Organizer:* ASHEcon 2025, APPAM 2025 (x3); *Paper Discussant:* WEAI 2023, SEA 2024, ASHEcon 2025
- **Workshop Organizer:** *Workshop in Social Networks and Health*, Department of Economics, University of Hawai‘i at Mānoa, 2023; *SEOW Quarterly Meetings and Seminars*, PHAC, University of Hawai‘i at Mānoa, 2020-2021.

## **Presentations** \*scheduled

### **Conference Panel Presentations**

- 2025 “Wagering with Your Well Being? Legalization of Online Gambling and Mental Health.” Southern Economic Association (SEA) Annual Meeting, Tampa, FL.
- 2025 “Abortion Regulation and Contraception Demand.” Southern Economic Association (SEA) Annual Meeting, Tampa, FL.
- 2025 “Regulatory Frictions, Prescribing Behavior, and Unintended Consequences: Evidence from Gabapentin Policies.” Association for Public Policy Analysis & Management (APPAM) Annual Fall Research Conference, Seattle, WA.
- 2025 “Association of Medicaid Expansion With Buprenorphine Prescribing in Early vs. Recent Expansion.” Association for Public Policy Analysis & Management (APPAM) Annual Fall Research Conference, Seattle, WA.
- 2025 “Wagering with Your Well Being? Legalization of Online Gambling and Mental Health.” Association for Public Policy Analysis & Management (APPAM) Annual Fall Research Conference, Seattle, WA.
- 2025 “Controlled Substance Designation and Medical Substitution: Evidence from Gabapentin Monitoring and Upscheduling.” Annual Conference of the American Society of Health Economists (ASHEcon), Nashville, TN.
- 2024 “U.S. State Abortion Policies and Interstate Migration.” Southern Economic Association (SEA) Annual Meeting, Washington, D.C.
- 2023 “Exposure to Deaths-of-Despair and U.S. Presidential Elections.” Western Economic Association International (WEAI) Annual Conference, San Diego, CA.

### **Invited Presentations & Seminars**

- 2026 Opioid Policy, Tools, and Information Center (OPTIC) Opioid Policy Pioneers Summit, RAND, Santa Monica, CA.\*
- 2025 School of Economic Sciences Seminar Series, Washington State University (WSU), Pullman, WA.
- 2025 Third Annual Research Fest, Indiana University School of Medicine (IUSOM), Bloomington, IN.
- 2025 Division of Children’s Health Services Research (CHSR) Works in Progress Meeting, Indiana University School of Medicine (IUSOM), Indianapolis, IN.
- 2024 Office of Economics and Analysis, U.S. Food and Drug Administration (FDA), virtual.
- 2024 Hawai‘i Economic Association (HEA) Pau Hana, Honolulu, HI.
- 2023 Committee on the Status of Women in the Economics Profession (CSWEP) Health Mentoring Workshop, virtual.
- 2023 Economics Department Microeconomics Workshop, University of Hawai‘i - Mānoa (UHM), Honolulu, HI.
- 2022 Economics Department Applied Microeconomics Workshop, University of Hawai‘i - Mānoa (UHM), Honolulu, HI.

## References

- Kosali Simon, Ph.D., Professor at the O'Neill School of Public and Environmental Affairs, Indiana University  
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- Coady Wing, Ph.D., Professor at the O'Neill School of Public and Environmental Affairs, Indiana University  
(812) 855-0563, [cwing@iu.edu](mailto:cwing@iu.edu)
- Teresa Molina, Ph.D., Associate Professor, Department of Economics, University of Hawai'i - Mānoa  
(808) 956-7080, [tmolina@hawaii.edu](mailto:tmolina@hawaii.edu)
- Matthew C. Aalsma, Ph.D., Professor of Pediatrics, Indiana University School of Medicine  
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