

**Education**

UC San Diego Herbert Wertheim School of Public Health San Diego State University School of Public Health Joint Doctoral Program in Public Health (Ph.D.)	2020-present
UC San Diego School of Medicine Medical Scientist Training Program (M.D./Ph.D.)	2018-present
University of Arizona Neuroscience and Cognitive Science, Molecular and Cellular Biology Minor, Biochemistry B.S., <i>cum laude</i>	2012-2016

**Health Policy and Advocacy**

White House Office of Public Engagement Leaders in Health Equity Roundtable Member	2022
American Medical Association Medical Student Section Region 1 Delegation Chair and Delegate	2022
American Medical Association Medical Student Section Founding Chair: Committee on American Indian Health	2021-present
American Medical Association Medical Student Section Member: Committee on Global and Public Health Co-Chair: Subcommittee on Race in Medicine	2020-2021
American Medical Association Medical Student Section Member: Minority Issues Committee	2019-2020
California State Assembly, Office of Assemblyman James Ramos Summer Intern: UC San Diego Healthcare Policy Elective	SU2019
U.S. House of Representatives, Office of Congressman Raul Ruiz Aide: Energy and Commerce Committee Task Force on the Indian Health Service	2017-2018

**Research Experience**

National Indian Health Board Supervisor: Christopher Chavis, Esq. Health Policy Fellow, Doctoral Practicum	SU2021
UC San Diego School of Medicine Investigator: Dr. Timothy Mackey, Global Health Policy and Data Institute Graduate Student	2020-present
UC San Diego School of Medicine Investigator: Dr. Gretchen Bandoli, Center for Better Beginnings Rotation Student	SU2019

UC San Diego School of Medicine  
Investigator: Dr. Eran Mukamel, Computational Neural Data/Dynamics Laboratory  
Rotation Student

SU2020

National Institute of Neurological Disorders and Stroke  
Investigator: Dr. Alan Koretsky, Laboratory of Functional and Molecular Imaging  
Postbaccalaureate Research Fellow  
Summer Intern, 2013-2015

2016-2018

## Health Policy Resolutions

Calac, AJ, et al. Indigenous Data Sovereignty. *American Medical Association*. House of Delegates Interim Meeting. November 2022. Adopted. H-460.884.

Calac, AJ, et al. Strengthening Interview Guidelines for American Indian and Alaska Native Medical School, Residency, and Fellowship Applicants. *American Medical Association*. Interim Meeting. November 2022. Adopted. H-295.852.

Calac, AJ, et al. Addressing the Longitudinal Healthcare Needs of American Indian and Alaska Native Children in Foster Care. *American Medical Association Annual Meeting*. June 2022. Adopted. D-350.977.

Calac, AJ, et al. AMA Support of American Indian Health Career Opportunities. *American Medical Association*. Annual Meeting. June 2022. Adopted. D-350.976.

Calac, AJ, et al. Cultural Leave for American Indian Trainees. *American Medical Association*. House of Delegates. Annual Meeting. June 2022. Adopted. H-350.957.

Calac, AJ, et al. Expanded Housing Choice Voucher Program Eligibility and Anti-Discrimination Protections. *American Medical Association Medical Student Section*. Interim Meeting. November 2022. Adopted.

Calac, AJ, et al. Indian Health Service Graduate Medical Education. *American Medical Association Medical Student Section*. Interim Meeting. November 2022. Adopted.

Calac, AJ, et al. Medicaid Managed Care for Indian Healthcare Providers. *American Medical Association Medical Student Section*. Interim Meeting. November 2022. Adopted.

Calac, AJ, et al. Purchased and Referred Care Expansion. *American Medical Association Medical Student Section*. Interim Meeting. November 2022. Adopted.

Calac, AJ, et al. Special Diabetes Program for Indians. *American Medical Association Medical Student Section*. Interim Meeting. November 2022. Adopted.

Calac, AJ, et al. Tribal Health Program Electronic Health Record Modernization. *American Medical Association Medical Student Section*. Interim Meeting. November 2022. Adopted.

Calac, AJ, et al. Tribal Public Health Authority. *American Medical Association Medical Student Section*. Interim Meeting. November 2022. Adopted.

**Publications**

Cuomo R, Purushothaman V, **Calac AJ**, McMann T, Li Z, Mackey T. Estimating County-Level Overdose Rates Using Opioid-Related Twitter Data: Interdisciplinary Infodemiology Study. *JMIR Form Res.* 2023;7:e42162. Published 2023 Jan 25. doi:10.2196/42162

**Calac AJ**, McMann T, Cai M, Li J, Cuomo R, Mackey TK. Exploring substance use disorder discussions in Native American communities: a retrospective Twitter infodemiology study. *Harm Reduct J.* 2022;19(1):141. Published 2022 Dec 14. doi:10.1186/s12954-022-00728-z

Swain W, **Calac AJ**, Neimeko CJ, Gasca L, Dodge Francis C. Understanding the Experiences of American Indian and Alaska Native Students Enrolled in Allopathic and Osteopathic Medical Degree Programs [published online ahead of print, 2022 Aug 17]. *J Racial Ethn Health Disparities.* 2022;10.1007/s40615-022-01394-4. doi:10.1007/s40615-022-01394-4

**Calac AJ**, Taparra K. Attrition of Indigenous Medical Students Requires Swift Institutional Response. *JAMA Intern Med.* 2022;182(12):1330. doi:10.1001/jamainternmed.2022.4933

Mackey TK, **Calac AJ**, Chenna Keshava BS, Yracheta J, Tsosie KS, Fox K. Establishing a blockchain-enabled Indigenous data sovereignty framework for genomic data. *Cell.* 2022;185(15):2626-2631. doi:10.1016/j.cell.2022.06.030

McMann T, **Calac AJ**, Nali M, Cuomo R, Maroulis J, Mackey T. Synthetic Cannabinoids in Prisons: Content Analysis of TikToks. *JMIR Infodemiology.* 2022;2(1):e37632. DOI: 10.2196/37632.

**Calac AJ**, Hoss A. Vaccine Passports and Indian Country: Nothing Fast About It [published online ahead of print, 2022 Jun 1]. *Public Health Rep.* 2022;333549221094557. doi:10.1177/00333549221094557

**Calac AJ**, Haupt MR, Li Z, Mackey T. Spread of COVID-19 Vaccine Misinformation in the Ninth Inning: Retrospective Observational Infodemic Study. *JMIR Infodemiology.* 2022;2(1):e33587. Published 2022 Mar 16. doi:10.2196/33587

**Calac AJ**, Southwell BG. How Misinformation Research Can Mask Relationship Gaps that Undermine Public Health Response. *Am J Health Promot.* 2022;36(3):561-563. doi:10.1177/08901171211070951

**Calac AJ**, Gasca L, Calac D. Reducing Health Disparities Through Achieving Pharmaco-equity. *JAMA Network.* 2022. doi: 10.1001/jama.2021.24516.