



Jessica Pullen

MD Student with Scholarly Concentration in Biomedical Ethics & Medical Humanities

CONTACT INFORMATION

- **Administrative Contact**

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Bio

BIO

Future health professional dedicated to innovations in human and planetary health. Currently on leave.

HONORS AND AWARDS

- Gold Humanism Honor Society, Stanford School of Medicine (2019)
- Prize in Excellence Award for Research, Brandeis University (2013)
- National Science Foundation Undergraduate Fellow (NSF REU), Brandeis University (2012)

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Planning Committee, Earthtones Environmental Justice Festival (2025 - 2025)
- Co-president, MSDCI, Stanford School of Medicine (2022 - 2022)
- Participant, Ethnographic Field School, Columbia University (2016 - 2016)
- SWEAT Orientation Leader, Stanford School of Medicine (2016 - 2016)
- Vice President of Primary Care Research Advocacy, Primary Care Progress (2015 - 2016)
- Certified Enrollment Counselor, Covered California (2013 - 2014)
- Leader, Mama Yoga Project, Berkeley, CA (2013 - 2014)
- President, Manginah A' Cappella group, Brandeis University (2012 - 2013)

MEMBERSHIP ORGANIZATIONS

- Stanford EV Community Garden, Gardener
- California Medical Association, Member

EDUCATION AND CERTIFICATIONS

- EMT-B, Brandeis University (2011)
- Wilderness First Aid certified, Stanford School of Medicine (2016)

SERVICE, VOLUNTEER, AND COMMUNITY WORK

- Earthones Environmental Justice Festival Planning Committee (January 1, 2025)
- Jasper Ridge Farm Volunteer (June 15, 2025)
- AmeriCorps HealthCorps Member (8/1/2013 - 6/30/2015)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

In collaboration with Dr. Meera Sankar, Medical Director of LPCH NICU and President-Elect of the California Association of Neonatologists, we are exploring the implications of implementing Transcutaneous versus serum measurements of Bilirubin for diagnosis and management of Hyperbilirubinemia. We are particularly interested in patient care benefits, cost/benefit analyses as well as implications for global health settings.

RESEARCH PROJECTS

- Economic and Patient Care Benefits of Transcutaneous Bilirubin versus Total Serum Bilirubin for the Detection of Neonatal Hyperbilirubinemia - Stanford School of Medicine (9/1/2024 - present)
- Assessing sources of lead exposure in Bangladesh - Stanford Doerr School of Sustainability (1/1/2024 - 3/31/2024)
- Elucidating the Role of Familiarity in Team Performance and Communication in the Operating Room - Stanford School of Medicine (6/1/2016 - 3/24/2017)

Professional

WORK EXPERIENCE

- Clinical Anatomy Teaching Assistant - Stanford School of Medicine (8/1/2016 - 3/24/2017)
- Global Change and Emerging Infectious Disease Teaching Assistant - Stanford School of Earth, Energy and Environmental Sciences (3/21/2021 - 6/4/2021)
- Lead (Pb) Research Assistant - Luby/Fendorf Lab - Stanford School of Sustainability (1/1/2024 - 3/31/2024)

Publications

PUBLICATIONS

- **Ligand-induced activation of a formin-NPF pair leads to collaborative actin nucleation.** *The Journal of cell biology*
Graziano, B. R., Jonasson, E. M., Pullen, J. G., Gould, C. J., Goode, B. L.
2013; 201 (4): 595-611