

# Stanford

---



## Allison Sherris

Postdoctoral Research Fellow, Earth System Science

### Bio

---

#### BIO

As a PhD candidate in the Emmett Interdisciplinary Program in Environment and Resources, I investigate links between exposure to environmental contaminants and health outcomes in early life. My dissertation explore links between drinking water contamination in California's Central Valley and adverse birth outcomes. Another area of research investigates the impact of ambient particulate matter pollution on child respiratory health in Dhaka, Bangladesh. Broadly, I hope to use data science and interdisciplinary, community-engaged methods to understand the cumulative impact of chemical contaminants on communities and public health.

#### STANFORD ADVISORS

- Scott Fendorf, Postdoctoral Faculty Sponsor

### Publications

---

#### PUBLICATIONS

- **Nitrate in Drinking Water during Pregnancy and Spontaneous Preterm Birth: A Retrospective Within-Mother Analysis in California.** *Environmental health perspectives*  
Sherris, A. R., Baiocchi, M., Fendorf, S., Luby, S. P., Yang, W., Shaw, G. M.  
2021; 129 (5): 57001
- **Oil and gas production and spontaneous preterm birth in the San Joaquin Valley, CA: A case-control study.** *Environmental epidemiology (Philadelphia, Pa.)*  
Gonzalez, D. J., Sherris, A. R., Yang, W. n., Stevenson, D. K., Padula, A. M., Baiocchi, M. n., Burke, M. n., Cullen, M. R., Shaw, G. M.  
2020; 4 (4): e099
- **Protecting groundwater quality from geogenic and emerging contaminants in actively managed aquifers**  
Fakhreddine, S., Sherris, A., Lopez, A., Wells, A., Holmes, R., Nico, P., Babbitt, C., Fendorf, S.  
AMER CHEMICAL SOC.2019