



Jackie Gerson is a PhD candidate in Ecology at Duke University and team leader of the Duke project investigating environmental impacts of artisanal gold mining in Madre de Dios. Her research examines the atmospheric and hydrologic movement of mercury from artisanal gold mining. She hopes to better understand how mercury moves across the landscape, thereby leading to human and animal exposure. Jackie has previous experience examining the extent of mercury from artisanal gold mining in Senegal.



Austin Jacob Wadle is a PhD student in the Civil and Environmental Engineering department at Duke University studying trace metal geochemistry. Their research focuses on mercury speciation and transformation. Additionally, Austin's undergraduate training in political science and continued work in movement politics provides a unique interdisciplinary lens to extend technical knowledge to broader public and policy engagement.



Arianna Agostini is a third year undergraduate at Duke University majoring in Environmental Science and Biology. She has spent the past year comparing the Peruvian gold rush to the historical gold rush in California.



Rand Alotaibi is a fourth year undergraduate at Duke University majoring in Earth & Ocean Sciences. She is also pursuing a minor in chemistry and a certificate in Documentary Studies. She has spent the past year comparing the Peruvian gold rush to the historical gold rush in California.



Arabella Chen is a third year undergraduate at Duke University majoring in Biology and pursuing a certificate in journalism, focusing on photojournalism. She spent summer 2019 in Madre de Dios, Peru for field work and has spent the past year comparing the Peruvian gold rush to the historical gold rush in California.



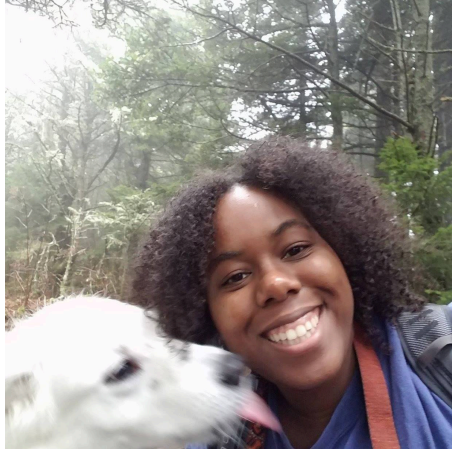
Annie Lee is a third year undergraduate at Duke University majoring in Environmental Science and Policy & Cultural Anthropology. She spent summer 2019 in Madre de Dios, Peru for field work and has spent the past year comparing the Peruvian gold rush to the historical gold rush in California.



Fernanda Machicao is a third year undergraduate at Duke University majoring in Environmental Science & Policy. She is also pursuing a minor in Creative Writing. She spent summer 2019 in Madre de Dios, Peru for field work and has spent the past year comparing the Peruvian gold rush to the historical gold rush in California.



Melissa Marchese is a fourth year undergraduate at Duke University majoring in Environmental Science & Policy and Global Health. She is conducting her senior Honors thesis examining dietary mercury exposure (chicken, crops) to people. She spent summers 2018 and 2019 in Madre de Dios, Peru for field work and has spent the past year comparing the Peruvian gold rush to the historical gold rush in California.



Jasmine Alexandria Parham is a PhD student in Biology at Duke University. Her research examines the impact of mercury pollution from artisanal gold mining on birds in Peru. She hopes to better understand how diet and habitat use influence mercury bioaccumulation in tropical birds. Jasmine has previous experience studying how mercury moves through aquatic and terrestrial food webs in the Shenandoah River Valley