

Matteo Torres

(424) 266-1959 | matteotorres@bren.ucsb.edu | Goleta, CA
matteo-torres.github.io | GitHub | LinkedIn

EDUCATION

Master of Environmental Data Science (Expected June 2025)

Bren School of Environmental Data Science & Management — University of California, Santa Barbara (UCSB)

Highlighted Coursework: Python for Environmental Data Science, Scientific Programming Essentials, Geospatial Analysis and Remote Sensing, Working with Environmental Data (completed December 2024)
Awards/Honors: Environmental Data Science Fellowship

Bachelor of Science, Biology | Minor in Dance (December 2023)

College of Natural Sciences & Mathematics — California State University, Long Beach (CSULB)

Highlighted Coursework: Conservation Biology, Population Ecology, Biostatistics, Geographic Information Science for Natural Sciences, Undergraduate Directed Research

Awards/Honors: Gulf of Maine Research Institute Research Grant, NSF-funded Primate Population Ecology Research Grant

TECHNICAL SKILLS

Programming: R, Python, Git/GitHub, ArcGIS

Computer: Microsoft Office Suite, Google Workspace

EXPERIENCE

Research Intern — CSULB Quantitative Ecology Lab (May 2023 – December 2023)

Maternal Inexperience and Social Attention in Rhesus Macaques

- Joined demographic and cognition datasets, subset necessary variables for study, and filtered subjects by life stage (juveniles, adults, senescence)
- Developed and implemented linear mixed-effects models (LME) to investigate relationships between early-life adversities and social attention across life stages
- Created data visualizations of findings to enhance communication of research outcomes

Research Intern — NOAA Fisheries (Remote) (June 2021 – August 2021)

Connections Between Low-Level Arctic Clouds and Extreme Winter Precipitation

- Organized LiDAR datasets by month/year, extracted cloud signals within a study area of 7 km elevation, and calculated statistical outputs for the signals (base height, top, and thickness)
- Filtered extreme winter precipitation events from the annual precipitation rates dataset
- Designed a comprehensive table to compare statistical outputs of cloud signals with normal precipitation periods to communicate results

ADDITIONAL EXPERIENCE

Bartender — University of California, Los Angeles Faculty Club (October 2023 – July 2024)

- Cultivated a welcoming environment for faculty/alumni, offering a selection of cocktails, wine, and beer
- Managed bar operations, including maintaining cleanliness, operating the POS system, overseeing inventory, and coordinating private events

COPE Health Scholar — Kaiser Permanente South Bay Medical Center (October 2019 – April 2020)

- Provided essential assistance with patient care, including bathing, feeding, mobility support, hygiene, and bathroom assistance
- Recorded and reported patient vital signs, administered ECGs, and efficiently managed PPE cart inventory