

Benson Truong

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Education

Master of Environmental Science and Management

[Expected June 2021]

Bren School of Environmental Science & Management, UC Santa Barbara
Specialization in Conservation Planning

Bachelor of Science in Biology

[May 2018]

Department of Biological Sciences, CSU Los Angeles

GPA: 3.57, cum laude

Undergraduate research assistant for Dr. Andres Aguilar

Fellowship: Minority Biomedical Research Support-Research Initiative for Scientific Enhancement (MBRS-RISE)

Environmental Experience

United States Forest Service

[May 2017-July 2018]

Fisheries Volunteer | Angeles National Forest Headquarters

- Succeeded to remove non-native crayfish in the Santa Clara river using trap nets to protect the threatened California red-legged frog and endangered unarmored threespine stickleback
- Tested water quality parameters, surveyed soil composition and canopy cover in the San Gabriel River for the endangered Santa Ana sucker fish
- Identified fish species and annotated field data collections

CALeDNA Summer Research Institute

[June 24-29 2018]

Student Trainee | University of California Los Angeles

- Surveyed soil samples in the Santa Monica Mountains for future metagenomic assessments
- Learned eDNA sampling/handling and post-sequencing bioinformatics process
- Developed and presented a scientific hypothesis incorporating eDNA to UCLA professors and graduate students

NHEC Pacific Northwest Institute

[June 2-9 2018]

Student Trainee | University of Portland

- Measured soil pH, nitrogen, potassium, and temperature levels and collected aquatic invertebrates
- Conducted vegetation analysis using line-transect quadrat sampling method
- Plotted and annotated various tree species using ArcGIS
- Presented an ecological assessment of Tryon Creek State Park to United States Forest Service employers and other environmental professionals

Other Experience

Laragen, Inc. Sequencing & Genotyping

[July 2018-August 2019]

Sequencing Lab Technician | Culver City CA 97203

- Sequenced thousands of DNA reactions with a 1-day turnaround time using sanger sequencing
- Extracted DNA from mice and conducted genotype analysis via gel electrophoresis
- Supervised the night time sequencing team and trained new technicians

The Aguilar Lab

[November 2016-July 2018]

Research Assistant | Los Angeles CA 90032

- Tested water parameters, sampled fish via electroshocking, and identified fish species in the Los Angeles River
- Presented research project evaluating cryptic lineages between *Triphoturus mexicanus* and *Triphoturus oculeum* at conferences and student symposiums

Skills

- Comfortable with laboratory equipment such as thermal cyclers, sequencers, centrifuges, gel electrophoresis, and UV transilluminators
- Worked at GLP certified lab
- Proficient with Microsoft Word, Excel, and PowerPoint
- Experience with R, MEGA7, and ArcGIS