

KORT ALEXANDER

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EDUCATION

Master of Environmental Science and Management, 3.9 GPA (Expected June 2023)

Coastal Marine Resources Management Specialization

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

Highlighted Coursework: Advanced Data Analysis, Ecology of Managed Ecosystems, Geographic Information Systems (GIS), Writing Skills for Environmental Professionals

Employment: Introductory Biology Teaching Assistant (9/21–12/21)

Bachelor of Science in Biology, 4.0 GPA (May 2021)

Ecology and Environmental Biology Concentration | Chemistry Minor

Texas Tech University (TTU), Lubbock, TX

Honors/Awards: Highest ranking graduate, Summa cum laude, President's List (all 8 semesters), Buena Vista Endowed Scholarship recipient

Study Abroad: TTU Center in Sevilla (Spain, 7/19)

Highlighted Coursework: Conservation Biology, Field Ecology, Marine Biology, Adventure Media

Employment: Introductory Biology Undergraduate Teaching Assistant (1/21–5/21), Honors College Tutor (8/20–5/21)

MARINE STUDY ABROAD PROGRAM

Marine Resource Studies Program (1/20–5/20)

School for Field Studies (SFS), South Caicos, Turks and Caicos Islands

- Completed intensive, field-based coursework in Tropical Marine Ecology, Principles of Marine Resource Management, and Environmental Policy and Socioeconomic Values
- Learned marine field techniques such as roving diver surveys, transect and quadrat surveys, ecosystem services valuation, and fish dissection
- Hosted community days with swim lessons, arts and crafts, science stations, and games for local children every Saturday and did community outreach every Wednesday including teaching at local schools

EXPERIENCE

Environmental Topics Course Co-mentor – STEM & Leaf Corps, Lubbock, TX (1/21–5/21)

- Volunteered to co-teach 12-week high school seminar titled Energy: History, Economics and Sustainability
- Guided students through writing scientific research paper

Nature Center Intern – San Angelo Nature Center, San Angelo, TX (6/19–8/19 and 6/20–8/20)

- Completed 100+ volunteer hours assisting with upkeep of animals
- Helped lead educational summer camp for local children

Research Assistant – TTU, Lubbock, TX (8/18–5/19, 8/19–12/19, and 8/20–5/21)

- Analyzed acoustic data from rainforest bats threatened by deforestation in Southeast Asia using BatSound
- Collected and catalogued 300+ insects from around Lubbock, TX for genetic study
- Extracted and analyzed plant DNA as part of pilot study on environmental DNA techniques

SKILLS

Computer: R, Python, Java, Microsoft Word, Excel, and PowerPoint

Languages: Spanish (two semesters)

Certifications: PADI Advanced Open Water Diver, CPR/AED

Presentation: Poster presentation, oral presentation, high school valedictorian speech

Lab: Polymerase chain reaction (PCR), DNA extraction