

# Brian Alexander Rawles

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## Professional Experience

- Mar 2021-Present      **Biologist**  
Bargas Environmental Consulting, Pasadena, CA
- Dec 2019 - Dec 2020      **Environmental Technician**  
ManTech International Corporation, Lompoc, CA
- Jan 2018 - June 2019      **Restoration Assistant**  
Cheadle Center for Biodiversity and Ecological Restoration,  
Santa Barbara, CA

## Education

- Aug 2021 – May 2023      **California State University, Los Angeles**  
M.S. Environmental Science
- Sept 2015 – June 2019      **University of California, Santa Barbara**  
B.S. Environmental Studies

## Research Experience

- 2022      **NSF REU/Research Opportunity Award Grassland Researcher**  
Cedar Creek Ecosystem Science Reserve, East Bethel, MN  
PI: Dr. Eric Seabloom, (supervisor: Dr. Alexandra Wright)
- 2019      **Research Intern**  
Restoration Ecology Lab, University of California, Santa Barbara  
PI: Dr. Carla D'Antonio

## Presentations

- 2023      **Rawles, B.A.**, Zellmer, A.J., ... Wood, E.M. The relative effects of drought and urbanization on terrestrial mammal occupancy in southern caliornia. International Urban Wildlife Conference. June 4-7.
- 2023      **Rawles, B.A.**, Zellmer, A.J., ... Wood, E.M. The relative effects of drought and urbanization on terrestrial mammal occupancy in southern caliornia. Southern California Academy of Sciences Conference. May 5.

- 2023 Earth Week Panel. Department of Environmental Sci/Studies, De Anza College. Apr 25. *(invited)*.
- 2023 Smith, D.J., **Rawles, B.A.**, ... Wright, A.J. Microclimate influences phenology in prairie plant assemblage at Cedar Creek, MN. Cal State LA Student Research Symposium. Mar 3.
- 2019 Earth Week Panel. Department of Environmental Sci/Studies, De Anza College. *(invited)*

## Project Specific Professional Experience

- 2021- **SCE/ERM SoCal Vegetation Management**  
 2023 Role: Field Biologist. Location: Los Angeles, CA and Santa Barbara, CA. Environmental resources surveyed include California Gnatcatcher (40hrs, 2 observed), Least Bell's Vireo (20hrs) and Arroyo Toad (10hrs).
- 2021- **SCE/SWCA Burnt Mountain Covered Conductor Program**  
 2023 Role: Environmental Lead and Field Biologist. Location: Yucca Valley, CA  
 Environmental resources surveyed include Desert Tortoise (50+ hrs) and Western Joshua Tree.
- 2021- **SCE/SWCA Campanula Covered Conductor Program**  
 2022 Role: Environmental Lead and Field Biologist. Location: Yucca Valley, CA  
 Environmental resources surveyed include Desert Tortoise (50+ hrs) and Western Joshua Tree.
- 2021- **SCE/Cardno (now Stantec) Covered Conductor Program**  
 2022 Role: Field Biologist. Location: Yucca Valley, CA  
 Environmental resources surveyed include California Gnatcatcher (22hrs), Arroyo Toad (10hrs), Bank Swallow, Palos Verdes Blue Butterfly and Stephens' Kangaroo Rat (16hrs),
- 2021- **SCE/Cardno (now Stantec) Kuffel 2.4 kV Covered Conductor Program**  
 2022 Role: Environmental Lead. Location: Arrowhead, CA  
 Environmental resources surveyed include actively nesting Bald Eagle (24hrs, 5 observed).
- 2019- **US Department of Defense Vandenberg Vegetation Management Program**  
 2020 Role: Environmental Tech. Location: Vandenberg Airforce Base  
 Environmental resources surveyed include Vandenberg Monkeyflower (50hrs).

## Affiliations

- Researcher** Wood Lab of Avian & Urban Ecology  
**Member** California Society for Ecological Restoration (SERCAL)  
**Collaborator** Wright Lab of Plant Microclimate & Facilitation Ecology

## Certifications

Basic Wetland Delineation Training  
 Excel: Advanced Formulas and Functions  
 Quality Management Foundations  
 Project Management Foundations

## Skills

R Coding  
 Biological Surveys  
 Biological Monitoring  
 Botanical Surveys

## Interests

Urban Ecology  
 Community Science  
 Conservation Biology  
 Equity in Science  
 Plant Biodiversity  
 Restoration Ecology

## Honors

- 2022 **Special Recognition in Graduate Studies**, Cal State LA  
Awarded to graduate students who have demonstrated superior scholastic achievement