

Elise Hinger

31082 Riverton Lane

Temecula, Ca. 92591

(951) 764-2759

elisehinger@gmail.com

Education

University of California, Irvine (*June 2008*)

- Bachelors of Science, Earth and Environmental Sciences *with Honors*
 - Bachelors of Science, Ecology and Evolutionary Biology
 - Undergraduate Research/Departmental Service Award for Earth & Environmental Science
-

Employment/ Experience

Research Associate (*August 2008 – August 2009*)

Island Fox Project – San Clemente Island, California

Colorado State University – Department of Fish, Wildlife & Conservation Biology

- Assisting in the research of the biology and life history of the Island Fox on San Clemente Island, California
 - Collecting radio-telemetry data during 8 hour tracking shifts (daytime and nighttime) from a vehicle as well as with a hand-held telemetry unit
 - Carrying heavy equipment (up to 50lbs) and extensive hiking in rigorous terrain, abundant cacti, and loose rock
 - Conducting trapping and recording data on live island foxes
 - Handling and processing foxes (includes examining physical condition and health and attaching radio-telemetry collars)
 - Conducting behavioral observations of foxes
 - Responding to and processing fox mortalities
 - Entering and managing data in Excel
 - Promoted from Field Technician to Research Associate in January 2009
-

Volunteer at Monitoring Avian Productivity and Survivorship (MAPS) Station,

Cabrillo National Monument (*May 2009 – July 2009*)

- Setting up and taking down mist-nets
 - Removing birds from mist-nets
 - Identifying local birds
 - Banding and processing birds
-

Temporary Field Technician (*June 2008 - July 2008*)

Island Fox Monitoring Project on San Clemente Island, CA

Garcia and Associates – Natural and Cultural Resource Consultants

- Conducting field work aimed at estimating Island Fox population numbers and trends
- Setting and locating traps using GPS equipment
- Conducting trapping and recording data on live island foxes
- Handling and processing foxes (includes examining physical condition and health, inserting PIT tags, and drawing blood)
- Carrying heavy equipment and extensive hiking in rigorous terrain

Laboratory Assistant II-IV (*November 2005 – June 2008*)

Radiocarbon Dating and Sample Preparation Laboratory

Keck Carbon Cycle Accelerator Mass Spectrometry Research Facility, University of California, Irvine

- Involved in all aspects of preparation and analysis of radiocarbon and stable isotope samples
- Regularly trained and managed new employees as well as outside visitors.
- Conducted research and field work involving the collection and analysis of seawater samples
- Promoted to the highest level achievable by a student lab assistant to increase responsibilities in terms of managing daily operation of the facility.

Undergraduate Research Assistant (*June 2007 – December 2007*)

Tropical Restoration Ecology under Lynn Carpenter, PhD

- Studied the role of mycorrhizal fungi in promoting the establishment and growth of tropical forest trees in the degraded pastures of Costa Rica
- Managed greenhouse plants and experiments
- Improved methodology for soil extraction of mycorrhizal spores and roots

Skills

Proficient in

- Windows (XP and Vista) and Macintosh Operating Systems
- Excel, Word, PowerPoint
- Location of a Signal (LOAS)

Publications

- Santos, G.M., R.B. Moore, J.R. Southon, S. Griffin, **E. Hinger** and D. Zhang. 2007. AMS ¹⁴C sample preparation at the KCCAMS/UCI Facility: status report and performance of small samples. *Radiocarbon* 49(2): 255-269.

Presentations

- **E. Hinger**, G.M. dos Santos, S.M. Griffin, E.R. Druffel. $\Delta^{14}\text{C}$ of Dissolved Inorganic Carbon in Surface Seawater from a Time-Series Site off Southern California. American Geophysical Union 2006 Fall Meeting, San Francisco, CA. *Poster Presentation*.
 - **E. Hinger**, G.M. dos Santos, S.M. Griffin, E.R. Druffel. Carbon Isotope Measurements of Surface Seawater from a Time-Series Site off Southern California. 11th International Conference on Accelerator Mass Spectrometry, Rome, Italy. September 2008. *Poster Presentation*.
-