

BIOLOGY

Careers Possible with a Ph.D. in Biology

A Ph.D. is usually necessary for independent and industrial research as well as college and university teaching. Biology Ph.D.s can also work for non-profits, corporations, government, and industry.

A Few Areas of Specialization for Biologists:

Health/Exercise Science

Biotechnology

Botany

Aquatic biology

Biochemistry

Microbiology

Physiology

Biophysics

Wildlife Biology

Ecology

Food Science/Nutrition

What does CWU have to offer?

The **McNair Scholars Program** that pairs students in one-on-one faculty research mentorships and provides guidance through the graduate school application process, including GRE preparation!

A Science Honors Program

A Student **Biology Club Programs** in Exercise Science, Food Science & Nutrition, and Public Health as well as Biology

A local chapter of **Tri Beta**, the Biological National Honor Society

The opportunity to present scholarly research at CWU's **SOURCE** event

The **Science Talent Expansion Program (STEP)**, which focuses on increasing the total number of students obtaining STEM (Science, Technology, Engineering, and Mathematics) degrees at CWU and the number of traditionally underrepresented students in STEM under-graduate majors.

Helpful Links:

American Institute of Biological Sciences' Careers Page:

<http://www.aibs.org/careers/index.html>

The Botanical Society of America

<http://www.botany.org/>

Featured McNair Scholars Alumnus:

C.M. Gienger



Currently: Ph.D. Student in Ecology, Evolution and Conservation Biology - University of Nevada, Reno

Previous Education:

M.S., Biology, University of Nevada, Reno, 2003

B.S., Biology, Central WA University, 2000

*"Most of my current research focuses on the ecology and natural history of Gila monsters (*Heloderma suspectum*). I am generally interested in how these rare and reclusive lizards interact with their environment and how constraints such as the thermal environment, energy acquisition, and water balance influence their behavior, life-history, and ecology."*

"I [also] have broad interests in herpetology and in the past I have worked on a variety of species and systems including habitat selection of dry forest lizards in Jalisco, México, hibernation of northern Pacific rattlesnakes, color change in chorus frogs, home ranges of desert tortoises, and geographic body size trends in turtles."

* From <http://www.biodiversity.unr.edu/~gienger>