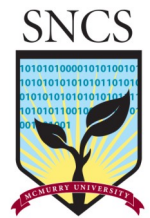


NEW PROGRAMS IN BIOLOGY

2009-2010



For More Information, Contact: Dr. Larry Sharp, Student Relations, Department of Biology, McMurry University, Abilene, Texas 79697-0368, sharp1@mcmurryadm.mcm.edu

BIOLOGY

- Animals, plants, ecology, and the environment
- Field trips more common than lab work
- Careers in wildlife research, ecology, environmental studies, and natural history.



Female desert bighorn sheep (*Ovis canadensis*) photographed at the Grand Canyon. Field trips provide opportunities to encounter uncommon species.

Our Faculty

Dr. Clark Beasley. PhD—Oklahoma. World authority on the Phylum Tardigrada. Discoverer of numerous new species. Has taken McMurry students to China! You could be next!

Dr. Thomas Benoit. PhD—Texas Tech. Produces microbes used for industry. Specialist in bioremediation and bacterial spore genetics.

Dr. Joel Brant. PhD—Texas Tech. Mammalogist whose studies have included Galapagos Islands. Main work is in the Southwest, but has taken McM students whale-watching in Boston.

Dr. Heidi DiFrancesca. PhD—Duquesne. Newest addition! Molecular Biologist studying hormone-fueled cancer. Come be a part of her work!

Dr. Anna Saghatelian. PhD—Komarov Botanical Institute of Russian Academy of Sciences. World-renowned biogeographer. Expert on medicinal plants. Students rave about her field trips.

Dr. Larry Sharp. DC—Parker College of Chiropractic Medicine. Focus is on human anatomy and sports/physical performance. Also serves as pre-health advisor.

Dr. Richard Schofield. PhD—Rutgers. Interests in environment and vulcanology have taken him to Mt. St. Helens for advanced study. Find a fossil with him at Lake Abilene!

Dr. Gary Wilson. PhD—Texas Tech. Does research on spore ecology, writes lab manuals, and develops software for teaching microbiology. Also the Dean for SNCS.

BIOMEDICAL SCIENCE

- Cells, molecular biology, disease and new health breakthroughs
- Emphasis is on development of marketable hands-on lab skills for a variety of fields
- Careers in biotechnology, health research, microbiology, forensics, genomics, and genetics.

Images provided by faculty from McMurry Biology.



LIFE SCIENCES

- Animals, plants, ecology, cells, AND human biology
- Balance of lab and field work
- Suited for those seeking a general biology experience AND designed to prepare exceptional biology teachers.



Cenizo (*Leucophyllum frutescens*) blossoms in the desert mountains of Big Bend National Park. Trips to such places are a feature of field biology courses.

At left... Micrograph taken by students in BIOL 3410 Microbiology lab of a chain of *Bacillus thuringiensis* vegetative cells. (1000X)



Why McMurry Biology?

- Professors teach your labs—not TAs!
- Small classes, friendly people.
- Exceptional record of success for our grads in med/dent/vet/PT schools and graduate programs.
- Curriculum is research-rich, experience-laden. Hands-on learning that puts your understanding into action!
- Get your McMurry B.S. degree and D.D.S. from UTHSC-San Antonio Dental School in the 3+4 program.
- New \$28M facility is coming!
- We care about the success of our students!