

William Heyborne

Associate Professor of Biology at Southern Utah University

Cedar City, UT, US

Specializing in reptile and amphibian natural history, biological pedagogy, and animal venoms

Biography

Dr. William Heyborne is an associate professor of biology at Southern Utah University and the previous director of the Center for Science, Technology, Engineering, and Math (STEM) teaching and learning. With research interests in the diversity of living things, Dr. Heyborne specializes in biological pedagogy, and reptile/amphibian natural history including the study of insects and venomous snakes. Dr. Heyborne teaches his students to examine living systems and the impact of biological problems on human affairs. He encourages critical thinking, problem solving and the application of scientific thinking. An SUU alumnus, Dr. Heyborne received a bachelor's degree in zoology with a minor in chemistry. At Oregon State University, he earned a master's degree in entomology, then a Ph.D. in biology from the University of Northern Colorado. Previously, he worked as chair of the biology and chemistry department at Morningside College at Sioux City, Iowa.

Industry Expertise

Program Development, Education/Learning, Environmental Services

Areas of Expertise

Ecology and Evolution of Insects and Arachnids, Herpetology, Entomology, Zoology, Amphibians, STEM Teacher Leadership, Biological Pedagogy, Reptiles, Biology, Outreach Education, STEM Education, Classification of Amphibians and Reptiles

Affiliations

American Biology Teacher Board, SMARTS Science Made Accessible and Relevant Through Stories, American Malacological Society, Entomological Society of America, National Association of Biology Teachers, National Science Teachers Association, Society for the Study of Amphibians and Reptiles

Education

Southern Utah University

B.S. Biology/Zoology

Oregon State University

M.S. Entomology

University of Northern Colorado

Ph.D. Biology Education

Accomplishments

Outstanding Science Educator

Utah Science Teachers Association 2016

Influencer of the Year

SUU 2016, 2017, 2018

SUU Advisor of the Year

Thunderbird Awards, 2015

SUU Professor of the Year

Thunderbird Award 2014

Founder of the SUU Animal Ambassadors

September 2011

Walker Faculty Excellence Award

Morningside College 2010

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