Ty Redd

Professor of Chemistry at Southern Utah University

Cedar City, UT, US

Specializing in molecular and cell biology, environmental chemistry, environmental contaminants, and macromolecular host guest science

Biography

Dr. Ty Redd is a professor of chemistry at Southern Utah University whose research ranges from the synthesis and characterization of medicinal compounds to studying the selective separation of molecules including macromolecular host guest relationships. Dr. Redd teaches multi-level research courses but is known nationwide for his rigorous year-long organic chemistry curriculum.

In addition to his research and teaching, Dr. Redd is the director of the SUU Water Lab where he and Dr. Weaver provide valuable laboratory experience to students and vital water analysis services to rural Utah. A strong advocate for student learning, Dr. Redd involves his students in each step of his extracurricular research.

He earned an associate's degree in engineering from Utah State University Eastern Utah, a bachelor's degree in chemistry with a mathematics minor from Southern Utah University, and a doctorate degree in chemistry from Brigham Young University

Industry Expertise

Education/Learning, Environmental Services, Research, Chemicals, Renewables and Environmental, Biotechnology, Health and Wellness

Areas of Expertise

Environmental Contaminants, Water Research, Physical Science, Molecular and Cellular Biology, Chemical Biology, Chemistry, Organic Chemistry, Environmental Chemistry, Water Treatment

Affiliations

American Chemical Society, Altius MCAT Test Prep Services, National Environmental Laboratory Accreditation Conference

Education

Utah State University Eastern Utah
A.S. Engineering

Southern Utah University
B.S. Chemistry

Brigham Young University
Ph.D. Chemistry

Accomplishments

Distinguished Educator
Southern Utah University

Professor of the Year
Southern Utah University

Faculty Advising Award
Southern Utah University

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