



CHEMISTRY & BIOCHEMISTRY

UTAH TECH UNIVERSITY

Degrees

- BS Chemistry
- BS Biochemistry and Molecular Biology
- AS Pharmacy Preparation
- Minor in Chemistry



“Chemistry can be a daunting subject, but the faculty in the Chemistry department at UT constantly encouraged and helped me tackle difficult concepts. The sense of Community and connectedness in the department sets UT apart as they engender confidence and curiosity in their students.

Maliea Holden, Class of 2022

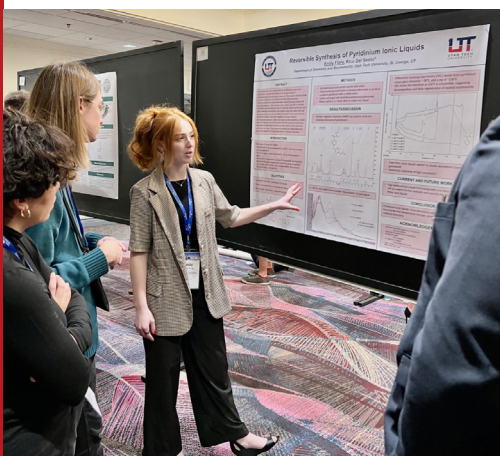


Our Program

- Small Class Sizes
- Strong Community of Students and Faculty
- Active Chemistry Club
- Invited Speakers/Seminar Series
- Successful Graduates

Opportunities

- Undergraduate Research
- Internships
- Teaching Assistantships
- Professional Conferences



Students Present Results at Local and National Meetings

“The research atmosphere at DSU is wonderful. Professors are ready to work right alongside their research groups while allowing the students to have incredible growth opportunities”

Andrew Arslanian, Class of 2017



Questions?

Contact Dani Gutierrez, Academic Advisor,
at Dani.Gutierrez@utahtech.edu

Scan to visit our website
chemistry@utahtech.edu



Undergraduate Research

Dr. Gabriela Chilom

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Environmental Chemistry

Upcoming Opportunities:

- Structure-function relationship in natural organic matter.
- Carbon storage potential of local soils.
- Amphiphilic properties of soil-derived materials.



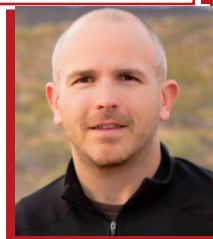
Dr. Rico Del Sesto

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Materials & Organic Chemistry

Upcoming Opportunities:

- Design of new soft materials that respond to optical and magnetic fields
- Development of amphiphilic transdermal pharmaceutical- and biocompatible materials to improve efficacy and bioavailability
- Derivatization of cannabinoids and similar naturally-occurring isoprenoids compounds for novel therapeutics



Dr. Jennifer Meyer

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Biochemistry

Upcoming Opportunities:

- Synthesis of Pterostilbene derivatives to improve antioxidant capacity and/or reduce cell proliferation.
- The potential synergistic effects of dabrafenib and pterostilbene on melanoma cell proliferation.
- The effect of pterostilbene and its derivatives endothelial function under hyperglycemic conditions.



Dr. Diana Reese

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Computational Chemistry

Upcoming Opportunities:

- Structure and dynamics of cyclic amino-borane complexes



Dr. Wendy Schatzberg

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Chemistry Education & Nanomaterials

Upcoming Opportunities:

- Surveys for metacognition
- Student Assessment of Learning Gains
- Investigation of nanomaterials

