

CHEMISTRY

Chemistry is everywhere and everything:
it is what we are, what we breathe,
what we eat, how we live, and what we do.



Graduating with my BS in chemistry laid the groundwork for me to achieve my Ph.D. in analytical chemistry from The University of Texas at Arlington. I have had tremendous success in my career, have published over 70 research articles, and hold three patents related to the development of materials for chemical separations.

ZACHARY BREITBACH
Chemistry '05

HOW YOU'LL LEARN

- New state-of-the-art facility, the Marie Miske Center for Science Inquiry.
- Research opportunities both on campus and through off-campus paid internships.
- Get hands-on experience with the instrumentation suite most commonly used in the chemical industry: GC-MS, NMR, FT-IR, ATR, UV-vis, HPLC, and Fluorescence Spectrometers.
- Small classes and one-on-one interaction with Ph.D. faculty.
- On-campus employment opportunities as lab assistants and tutors.
- Community engagement through outreach events, summer camps, and more.
- Opportunity to explore chemical industry with field trips to pharmaceutical or other chemical research companies.

All the ways we perceive the world – sight, taste, touch – are driven by chemicals and their reactions. And chemical innovation improves our lives. Understanding chemistry helps us unlock life's mysteries and makes a positive impact in the world.

INTERESTING INTERSHIPS

Recent Clarke chemistry majors worked paid internships at:

- University of Michigan
- University of Minnesota
- University of Washington
- Marquette University
- University of Iowa
- San Jose State
- University of Wisconsin



100%

Percent of Clarke chemistry graduates who secured a job in their chosen field or enrolled in graduate school by August.



1:1

Work one-on-one with faculty on an undergraduate research project to prepare you for graduate school.



85.2%

Chemistry majors rate among the highest in job satisfaction after graduation according to studentsreview.com.

ADMISSIONS OFFICE
(563)588-6316
admissions@clarke.edu



COOL CLASSES

INTRO TO RESEARCH — Get a taste of chemistry research using state-of-the-art instrumentation as early as your freshman year.

MEDICINAL CHEMISTRY — You'll gain insight into the chemistry of pharmaceuticals with in-depth explanation on the molecular mechanisms of drug action.

SEPARATION METHODS — You will separate and analyze chemical mixtures using advanced chromatography techniques and research quality instruments.

NEED A JOB? NO PROB.

Career options for chemistry majors include:

- Industrial chemist
- Teacher or researcher
- Physician
- Pharmacist
- Government regulation agency employee (FDA, EPA)
- Technical or grant writer
- Lab manager
- Chemical safety officer
- Patent lawyer
- Pharmaceutical salesperson
- Forensic scientist



LEARN MORE!

clarke.edu/academics/chemistry



Clarke

UNIVERSITY