

DEPARTMENT OF CHEMISTRY

Room 119 The Science Complex South

West Chester University

West Chester, PA 19383

610-436-2631

Department of Chemistry (<http://www.wcupa.edu/chemistry/>)

Dr. Azam (mazam@wcupa.edu), *Chairperson*

Dr. Starn (tstarn@wcupa.edu), *Assistant Chairperson*

There are no programs leading to a graduate degree in chemistry. The department offers, on a limited basis, graduate courses in this area.

Faculty

Professors

Mahrukh Azam (mazam@wcupa.edu) (2004)

Chairperson, Chemistry

B.S., Punjab University; M.S., Quaid-e-Azam University; M.S., Ph.D.,

Seton Hall University

Roger Barth (rbarth@wcupa.edu) (1985)

B.A., La Salle University; M.A., Ph.D., Johns Hopkins University

Melissa B. Cichowicz (mcichowicz@wcupa.edu) (1986)

B.S., St. Joseph's College; Ph.D., University of Maryland

Felix E. Goodson (fgoodson@wcupa.edu) (1998)

A.B., Princeton University; Ph.D., University of California, Berkeley

Monica Joshi (mjoshi@wcupa.edu) (2010)

B.Sc., St. Francis Degree College for Women (India); M.Sc., Osmania

University (India); Ph.D., Florida International University

Kurt W. Kolasinski (kkolasinski@wcupa.edu) (2006)

B.S., University of Pittsburgh; Ph.D., Stanford University

Timothy K. Starn (tstarn@wcupa.edu) (1996)

Assistant Chairperson, Chemistry

B.S., Ph.D., Indiana University

John R. Townsend (jtownsend@wcupa.edu) (1998)

B.A., University of Delaware; M.S., Ph.D., Cornell University

Associate Professors

Blaise F. Frost (bfrost@wcupa.edu) (1989)

B.A., Yankton College; M.S., Ph.D., University of South Dakota

Jingqiu Hu (jhu@wcupa.edu) (2014)

B.S., M.S., Nanjing University; Ph.D., Boston University

Constantinos Pistos (cpistos@wcupa.edu) (2015)

B.Sc. Aristotle University of Thessaloniki, Thessaloniki, Greece; M.Sc.,

Ph.D. National and Kapodistrian University of Athens, Athens, Greece

James R. Pruitt (jpruitt@wcupa.edu) (2011)

B.S., Ph.D., University of California

Thomas R. Simpson (tsimpson2@wcupa.edu) (2016)

Director, Pharmaceutical Product Development Program

B.S., Alleghany College; M.S., Ph.D., University of Rochester

Assistant Professors

Abbie S. Ganas (aganas@wcupa.edu) (2023)

Zachary E. Voras (zvoras@wcupa.edu) (2024)

Instructors

David Dehm (ddehm@wcupa.edu) (2015)

B.S., M.S., SUNY Oswego; Ph.D., University of Cincinnati

Mark Shuman (mshuman@wcupa.edu) (2015)

B.S., Georgetown University; Ph.D., University of Pennsylvania

Courses

CHE

CHE 535. Pharmaceutical Chemistry. 3 Credits.

Through the use of case studies, the student will learn the role of the chemist in drug discovery and development. Specifically, target initiation, competitive surveillance, lead discovery and optimization, counterscreens for selectivity, pharmacokinetics, selection criteria for entering development and synthetic optimization will be elucidated.

CHE 535 Prerequisite: Successful completion of CHE 232 with minimum grade of C-.

Equivalent courses: CHE 435

CHE 544. Topics In Physical Chemistry. 3 Credits.

Contact department for more information about this course.

Repeatable for credit.

CRL

CRL 536. Polymer Chemistry Lab. 2 Credits.

A course designed to introduce the advanced student to the synthesis of polymers and the study of the molecular, physical, and thermal properties of these compounds. .

CRL 536 Prerequisite: CHE 232 and CRL 232, with minimum grades of C-.