DEPARTMENT OF CHEMISTRY

College of the Sciences and Mathematics
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
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
Melissa B. Cichowicz (mcichowicz@wcupa.edu) (1986)
B.S., St. Joseph’s College; Ph.D., University of Maryland
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

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.
Pre / Co requisites: CHE 535 requires a prerequisite of CHE 232.
Typically offered in Spring.
Cross listed courses CHE 435, CHE 535, PPD 535.

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.
Pre / Co requisites: CRL 536 requires prerequisites of CHE 232 and CRL 232.