School of Pharmacy

Located on Temple University's vibrant Health Sciences Center campus, the School of Pharmacy pursues research that bridges the gaps between drug discovery, preclinical research and translational medicine. Our educational mission is to encourage future pharmaceutical scientists to pursue innovative and investigative exploration of these topics. Research projects in these areas form the basis for thesis-based doctoral research.

In recent years, the School of Pharmacy has enjoyed tremendous growth in our research enterprise, by establishing several centers of excellence for scientific study across a wide range of disciplines. The Temple University Drug Discovery Initiative, launched in 2010, has resulted in a substantial expansion of our research facilities and an increase in the number of talented and accomplished researchers joining our faculty and staff, providing excellent resources and mentoring for future pharmaceutical scientists.

Efforts of the school's faculty and research staff are focused on multidisciplinary approaches to complex scientific problems associated with a number of challenging disease states. Funding for our research has been generously provided by several foundations, federal and state-funded grants, contract research programs and Temple University research awards. Members of our faculty have been recognized by outside scientific organizations with numerous honors, awards and invited lectureships.

The school also created the first non-thesis professional master's program in Regulatory Affairs and Quality Assurance (RAQA) in 1968. During the past five decades, its degree programs in this area have become widely recognized as the most comprehensive and extensive of their kind. The School now offers four professional MS programs related to RA and QA including: the MS in RAQA, the MS in Global Clinical and Pharmacovigilance Regulations, the MS in Pharmaceutical Regulatory Sciences, and the MS in Advanced Biotherapeutics: Manufacturing and Regulatory Affairs (the latter is offered in partnership with Jefferson University). These concentrations allow students to augment their knowledge of the pharmaceutical sciences with a thorough understanding of regulatory and quality assurance practices.

The School of Pharmacy offers students the ideal combination of a high-quality education, dedicated faculty, active research programs, and a supportive atmosphere enlivened by diversity and community service.

Graduate and Professional Programs and Certificates

- · Advanced Biotherapeutics: Manufacturing and Regulatory Affairs MS
- Global Clinical and Pharmacovigilance Regulations MS
- Pharmaceutical Regulatory Sciences MS
- · Pharmaceutical Sciences/Medicinal Chemistry MS
- Pharmaceutical Sciences/Pharmaceutics MS
- Pharmaceutical Sciences/Pharmacodynamics MS
- Pharmaceutical Sciences/Medicinal Chemistry PhD
- Pharmaceutical Sciences/Pharmaceutics PhD
- · Pharmaceutical Sciences/Pharmacodynamics PhD
- Pharmaceutical Sciences/Regulatory Affairs and Quality Assurance PhD
- Pharmacy PharmD
- Regulatory Affairs and Quality Assurance MS
- · Graduate Certificate: Basic Pharmaceutical Development
- · Graduate Certificate: Biologics and Biosimilars Manufacturing
- · Graduate Certificate: Biologics and Biosimilars: Regulatory Aspects
- Graduate Certificate: Biopharmaceutical Manufacturing and Regulatory Affairs
- Graduate Certificate: Clinical Trial Management
- Graduate Certificate: Drug Development
- · Graduate Certificate: Food Regulatory Affairs and Quality Assurance
- · Graduate Certificate: Generic Drugs
- Graduate Certificate: Global Pharmacovigilance/Benefit-Risk Management
- Graduate Certificate: Medical Device
- Graduate Certificate: Pharmaceutical Labeling, Advertising and Promotions
- · Graduate Certificate: Pharmaceutical Manufacturing: Process Development and Analysis
- · Graduate Certificate: Sterile Process Manufacturing
- Graduate Certificate: Validation Sciences
- Post-Master's Certificate: Advanced Regulatory Affairs and Quality Assurance
- · Post-Master's Certificate: Biologics and Biosimilars Manufacturing
- · Post-Master's Certificate: Biologics and Biosimilars: Regulatory Aspects

- · Post-Master's Certificate: Biopharmaceutical Manufacturing and Regulatory Affairs
- Post-Master's Certificate: Clinical Trial Management
- Post-Master's Certificate: Food Regulatory Affairs and Quality Assurance
- Post-Master's Certificate: Generic Drugs
- · Post-Master's Certificate: Global Pharmacovigilance/Benefit-Risk Management
- · Post-Master's Certificate: Medical Device
- Post-Master's Certificate: Pharmaceutical Labeling, Advertising and Promotions
- · Post-Master's Certificate: Pharmaceutical Manufacturing: Process Development and Analysis
- · Post-Master's Certificate: Sterile Process Manufacturing
- · Post-Master's Certificate: Validation Sciences

Graduate Faculty

Magid Abou-Gharbia, Laura H. Carnell Professor, Department of Pharmaceutical Sciences, School of Pharmacy; PhD, University of Pennsylvania.

Carlos Barrero, Assistant Professor, Department of Pharmaceutical Sciences, School of Pharmacy; MD, Universidad de Caldas.

Benjamin E. Blass, Associate Professor, Department of Pharmaceutical Sciences, School of Pharmacy; PhD, University of Rochester.

Michael R. Borenstein, Associate Professor, Department of Pharmaceutical Sciences, School of Pharmacy; PhD, Temple University.

Daniel J. Canney, Associate Professor, Department of Pharmaceutical Sciences, School of Pharmacy; PhD, Temple University.

Wayne E. Childers, Associate Professor, Department of Pharmaceutical Sciences, School of Pharmacy; PhD, University of Georgia.

A. Reza Fassihi, Professor, Department of Pharmaceutical Sciences, School of Pharmacy; PhD, Brighton University.

Patrick M. Glassman, Assistant Professor, Department of Pharmaceutical Sciences, School of Pharmacy; PhD, University at Buffalo.

Marc A. Ilies, Professor of Instruction, Department of Pharmaceutical Sciences, School of Pharmacy; PhD, University of Bucharest.

Kenneth R. Korzekwa, Professor, Department of Pharmaceutical Sciences, School of Pharmacy; PhD, University of Washington.

David B. Lebo, Professor of Instruction, Department of Pharmaceutical Sciences, School of Pharmacy; PhD, Philadelphia College of Pharmacy.

Salim Merali, Professor, Department of Pharmaceutical Sciences, School of Pharmacy; PhD, City University of New York.

Swati V. Nagar, Professor, Department of Pharmaceutical Sciences, School of Pharmacy; PhD, University of Minnesota.

Oscar Perez-Leal, Assistant Professor, Department of Pharmaceutical Sciences, School of Pharmacy; MD, Universidad del Norte.

Tina Tran, Assistant Professor, Department of Pharmacy Practice, School of Pharmacy; PharmD, University of California San Francisco.

Ellen A. Walker, Professor, Department of Pharmaceutical Sciences, School of Pharmacy; PhD, University of Michigan.

Ho-Lun Wong, Professor, Department of Pharmaceutical Sciences, School of Pharmacy; PhD, University of Toronto.