

Core Mentors

| Mentor | Expertise |
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| Luca Cartegni, Tenure Track Associate Professor | Regulation of alternative splicing in cancer and therapeutic modulation of RNA processing |
| Susie Chen, Professor I | Glutamatergic signaling in human cancers from bench to bedside and back, a translational approach. |
| Philip Furmanski, Distinguished Professor | Molecular and cellular mechanisms of tumor progression, experimental therapeutics and clinical trials in cancer |
| Fang Liu, Associate Professor | TGF-beta signal transduction, transcription regulation, cell cycle control, and their roles in cancer |
| Audrey Minden, Associate Professor | Researches signal integration from extracellular stimuli and induction of cellular changes in mammalian cells. |
| Nanjoo Suh, Professor I | Researches cancer prevention with natural and synthetic agents such as triterpenoids, vitamin D and vitamin E family, stilbenoids and other chemopreventive agents in cancer cell lines as well as in animal models of breast cancer and colon cancer. |
| Chung S. Yang, Distinguished Professor | Researches the mechanisms of carcinogenesis and its prevention, including development of new animal models for colon and prostate cancers as well as studies on the inhibition of carcinogenesis by tea constituents, tocopherols, and their combination with commonly used drugs. |
| Xi Zheng, Associate Research Professor | Studies the mechanisms of anti-inflammatory and anticancer effect of naturally occurred compounds. |
| Renping Zhou, Associate Dean of Research/Professor I | Researches the molecular mechanisms by which ephrin family cell surface proteins regulate embryonic development and the molecular signals that may regulate ALS pathogenesis and motor neuron survival using a systems biology approach. |
| Wei-Xing Zong, Professor I | Researches the cancer cell stress response with three focuses, 1) Proteotoxicity (the cytotoxic effect of misfolded proteins) and redox homeostasis, 2) Oncogenic signaling in protein turnover and cell metabolism, 3) Unfolded protein response (ER stress) in oncogenesis. |
| Christopher Adams, Clinical Associate Professor | Critical care, anticoagulation, infectious disease, withdrawal syndromes, clinical research, bedside application of primary literature, national leadership in SCCM/CP, guideline and protocol development |
| Liza Andrews, Clinical Associate Professor | Hospital based practice. Evaluation of pharmacist-driven clinical protocols and medication utilization |
| Joseph Barone, Dean/Professor II | Cardiology/Pharmaceutical Industry. Outcomes research and evaluation of pharmaceutical industry training. |
| Mary Bridgeman, Clinical Professor | Internal Medicine/Nephrology. Promoting safe medication use in acute-care setting and IPE collaboration |
| Luigi Brunetti, Tenure Track Associate Professor | Cardiometabolic diseases, PK in special populations, Wide variety of topics related to internal medicine |

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| John Colaizzi, University Professor | Pharmacy Practice and Pharmacy Education (Nothing Listed on the Website) - Anything Pharmacy |
| Tobias Gerhard, Associate Professor | Pharmacoepidemiology. Comparitive safety and effectiveness of antipsychotic medications. Treatments of dementia. |
| Rupal Mansukhani, Clinical Associate Professor | Diabetes , COPD, immunizations, with a main focus on transitions of care |
| Rachel Meyers, Clinical Associate Professor | Pedatric infectious disease, pediatric hypertension, and dosage forms and measuring devices for children. |
| Enid Morales, Clinical Associate Professor | Influenza Awareness and Vaccination Programs: The Role of Pharmacists and Pharmacy Students, Community–based Asthma Education and Medical Management Program, African American and Latino Men’s Cardiovascular Initiative, Protocol for the Treatment of Heparin–induced Thrombocytopenia. |
| Laura Pizzi, Professor I | Applied health economic and outcomes analyses of drugs and other healthcare interventions, with focus on models of care for older populations with chronic disease. |
| Christine Robinson, Clinical Associate Professor | Specializes in pediatrics with a clinical interest in neonatology, pediatrics, and medication safety. |
| Julie Saleh, Clinical Associate Professor | Promoting the appropriate use of medications within the critical care setting through the development of innovative clinical pharmacy services. |
| Anita Siu, Clinical Professor | Neonatal/Pediatric Pharmacotherapy Specialist implementing therapeutic guidelines in neonates and pediatrics |
| Marc Sturgill, Chair/Associate Professor | Specializes in pediatrics in particular the effects of age, disease and xenobiotics on drug pharmacokinetics, in particular, the effect of these variables on the activity of human drug metabolizing enzymes |
| Michael Toscani, Research Professor I | Clinical development of new pharmaceutical agents in multiple therapeutic areas, pharmaceutical industry trends, key opinion leader identification and management, design and implementation of disease management initiatives focused on modifying patient behavior, value assessments, and outcome studies evaluating the benefits of interventions on patient care. |
| Lucio Volino, Clinical Associate Professor | Community practice and ambulatory care specalist. |
| Mary Wagner, Associate Professor | Speciality in ADHD, Alzheimer's, Headaches, Parkinson's, Seizures, Sleep Disorders. |
| Michael Wynd, Clinical Associate Professor | Solid Organ Transplant, Infectious Diseases, Clinical Pharmacokinetics, Geriatrics, and Clinical Research Support. |
| Longquin Hu, Chair/Professor I | Researches synthetic medicinal chemistry, bioorganic chemistry, and drug design. Focusing on the design of anticancer prodrugs for the site-specific activation in tumor tissues, enzyme mechanism and inhibition, design of inhibitors of protein-protein interactions, and the development of crystallization inhibitors for kidney stone diseases |
| Edmond LaVoie, Professor I | Drug discovery and development. Also engaged in studies on the development of new clas of antiviral agents. |
| Lauren Aleksunes, Associate Professor | Researches how drug transporters in the body protect against the accumulation and toxicity of pharmaceutical agents |

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| Carol Gardner, Associate Research Professor | Mechanisms of hepatotoxicity, mechanisms of tissue repair following toxicant-induced injury |
| Donald Gerecke, Associate Professor | Researches interactions of proteins that contribute to skin integrity; dermatological research |
| Marion Gordon, Associate Professor | Researches the role of extracellular matrices in facilitating function of tissues and organs; Investigates therapies for emergency response to ocular chemical warfare exposures. |
| Andrew Gow, Professor | Researches redox active molecules and cell signalling. Investigating nitric oxide's role in health and disease |
| Grace Guo, Associate Professor | Researches nuclear receptors and signalling pathways in liver toxicity; reviewing manuscripts and grants |
| Sungchul Ji, Associate Professor | Researches theoretical cell biology, cell model-based pharmacotherapeutics and toxicology |
| Debra Laskin, Distinguished Professor/Chair | Research is focused on elucidating inflammatory mechanisms underlying disease pathogenesis. |
| Christopher Molloy, Senior VP/Professor II | A molecular and cellular pharmacologist with extensive drug discovery research and management experience in the biopharmaceutical industry. As an industry scientist, he led multidisciplinary drug discovery teams that have advanced new chemical entities from conception into human clinical trials in therapeutic areas such as inflammation, oncology, and cardiovascular disease. |
| Kenneth Reuhl, Professor I | Research interests are in the area of experimental pathology, particularly in the study of experimental carcinogenesis, tumor responses to chemotherapeutic drugs, and the toxic side effects of chemotherapies. |
| Vasanthi Sunil, Associate Research Professor | Researches the mechanisms of pulmonary inflammation and repair effects of environmental pollutants and chemical warfare agents on lung function and gene regulation age associated alterations in signaling pathways in the lung. |
| Arash Hatefi, Associate Professor | Targeted therapy, nanomedicine, design and development of nanomedicine for image-guided cancer gene therapy |
| Ah-Ng Kong, Distinguished Professor | Botanical Products Drug Discovery & Development, Epigenetics of inflammation induced diseases and prevention with botanicals |
| Bozena Michniak-Kohn, Professor I | Focuses on the development of novel topical formulations as well as transdermal drug delivery systems (TDDS). |
| Tamara Minko, Distinguished Professor/Chair | Researches Nanoscale-based targeted delivery of drugs, peptides, siRNA and antisense oligonucleotides in order to enhance the efficiency of treatment and imaging, Nanomedicine, Nanoparticle formulation, characterization and testing, Preclinical in vitro and in vivo evaluation of anticancer therapeutics, Orthotopic and ectopic animal models of cancer, lung diseases and fibrosis, Personalized medicine, Hypoxia, Mechanisms of multidrug resistance and their suppression, Intracellular fate and molecular mechanisms of action of drugs, Pharmacokinetics, Pharmacodynamics |
| Patrick Sinko, Distinguished Professor | Focuses on biopharmaceutics, pharmaceutical formulations and molecular-, nano- and micro-scale drug delivery with specific applications to the treatment or prevention of HIV/AIDS, breast and lung cancer, chemical terrorism countermeasures. |
| Guofeng You, Distinguished Professor | Research interest focuses on the elucidation of the molecular, cellular and functional characteristics of drug/xenobiotic transporters, their implications in human physiology and diseases, and their applications to drug therapy. |

