



GLPC

Great Lakes Pharmacy Conference

**MODERN PERSPECTIVES IN
PHARMACY**



03.23.2024

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Just a few of the reasons to pursue your PharmD degree @ Ferris....

Culture

- Student-centered expert faculty dedicated to innovative instruction
- Community devoted to fostering a culture of student belonging and wellbeing



Academics

- Master of Business Administration & Master of Public Health dual degree options to complete during the standard PharmD degree duration
- "PharmD to PhD track" in drug discovery graduate collaboration with



Preparation & Support

- Over \$1.1 million in annual scholarships
- Designated First-Gen Forward Advisory Institution
- Graduating exceptional pharmacists for over 130 years

"First and foremost, I really appreciated the class sizes and the professor-to-student ratio. I felt that really fit my needs as a student."

Amoreena Most, PharmD, BCCCP, Critical Care Pharmacy Fellow, University of Georgia College of Pharmacy
Ferris State University College of Pharmacy, Class of 2021

"I wanted to be able to create relationships with my professors and reach out to them directly if I had questions on my courses or needed help navigating my career path, and they were all more than willing to help me when I needed support. That willingness to listen and be a resource to students is a really important part of helping students grow and is a strength of Ferris."

Brittany Myland, PharmD, Area Business Manager-Chronic Inflammatory Disease and Hepatitis C, Meijer Specialty Pharmacy
Ferris State University College of Pharmacy, Class of 2015

Interested in Applying to the College of Pharmacy at Ferris State University?

Here's What You Need To Do:

- Successfully complete prerequisite coursework prior to entry in the program
- Submit the pharmacy school application to our program via  **PHARMCAS**
- Send questions about the application process to RxAdmissions@Ferris.edu

#FerrisPharmD



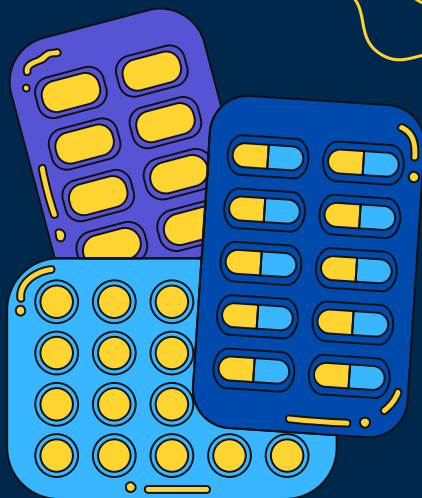


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ABOUT US

Our Mission

The Great Lakes Pharmacy Conference exposes regional pre-pharmacy students to the growing field of pharmacy, creates unique learning and networking opportunities, and enhances educational and career potential. We aim to accomplish this through a series of interactive activities that both expand on the framework of pharmacy and connects students with professional innovators and relevant current issues.

About PPSO

GLPC is an event sponsored by the Pre-Pharmacy Student Organization (PPSO) at the University of Michigan. PPSO, the only pre-pharmacy organization at the University of Michigan, is a student-run club for undergraduate students interested in careers in pharmacy. Through a combination of professional development, career exploration, academic success, social, and networking activities, we work together to make the most of our undergraduate years to prepare for the next steps in our education and our place in the exciting and dynamic field of pharmacy. We are future pharmacists, preparing for the future of pharmacy.



Great Lakes
Pharmacy Conference

SCHEDULE

	Amphitheater	Assembly Hall	East Conference Room	West Conference Room	Earl Lewis Room
9:00AM-9:25AM	Keynote				
9:25AM-10:00AM	Current Topics In Pharmacy				
10:05AM-10:55AM			University of Iowa	Ferris State University	
11:00AM-11:50AM			University of Michigan	University of Minnesota	
11:55AM-12:35PM		Lunch			
12:35PM-1:55PM		PharmCas (1:00PM-1:55 PM)	School Fair	School Fair	
2:00PM-2:55PM		Graduate School Prep.			Research Panel
3:00PM-3:55PM		Compounding Workshop			Career Panel



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● Collaborative

Highly inclusive environment that facilitates small groups, active learning, and building networks

Liz Davis, Director of Admissions
pharmacy-admissions@uiowa.edu
319.335.3403

KEYNOTE SPEAKER



Dr. Madison Irwin

PharmD, BCPS, Clinical Assistant Professor, and Clinical Pharmacist
Specialist in Palliative Care

Education/Experience:

- **B.S. in Biology:** University of Dayton (Dayton, Ohio)
- **PharmD:** Ohio State University College of Pharmacy (Columbus,
- Completed PGY-1 Pharmacy Practice and PGY-2 Pain Management and Palliative Care residencies at University of Michigan Health
- Completed a two-year Clinical and Translational Sciences Fellowship at the University of Michigan College of Pharmacy under the supervision of Dr. Michael Smith

Expertise and Interests:

- Supports the outpatient palliative care clinics and the inpatient palliative care consult team at University of Michigan Health
- Her clinical practice and research focus on novel pharmacy practice initiatives to optimize the care of vulnerable populations
- Intersection of insomnia, pain and symptom management, and medication utilization trends in palliative care populations.

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WORKSHOPS & PANELS

MODERN RESEARCH PANEL

You will have the opportunity to hear from leading medicinal and pharmaceutical scientists in their respective fields, who will talk about their experience and research. We hope to introduce you to different types of current research in the pharmacy field.

Panelists

Dr. Daniel Hertz

Dan Hertz received his PharmD from Rutgers University and PhD from University of North Carolina in 2013 under Dr. Howard McLeod. He then went to the University of Michigan College of Pharmacy where he is now an Associate Professor. Dr. Hertz's research focuses on developing individualizing treatment strategies for patients with cancer and translating them into clinical practice. He has particular interests in taxane-induced neuropathy and testing of DPYD to prevent severe fluoropyrimidine toxicity.



Dr. Roland Kersten

Dr. Roland Kersten is an Assistant Professor of Medicinal Chemistry at the University of Michigan, Ann Arbor. He pursued graduate studies in microbial natural product drug discovery at the University of California, San Diego under supervision of Dr. Pieter Dorrestein and Dr. Bradley Moore. He then trained in plant natural product biosynthesis in the lab of Dr. Joseph Noel and Dr. Jing-Ke Weng at Salk Institute and Whitehead Institute, respectively. Roland's lab studies how plants produce bioactive natural products and how this knowledge can be applied to discover new chemistry from the plant kingdom for pharmaceutical evaluation.



Panelists



Dr. Gus Rosania

Gus Rosania is a Professor in the Department of Pharmaceutical Sciences at the University of Michigan College of Pharmacy. He teaches Pharmacodynamics, Medicinal Cannabis, Adverse Drug Reactions, Pharmacoepidemiology and Drug Toxicity to undergraduates, and advanced drug transport and cell level pharmacokinetics to Masters and PhD students. His research is aimed at decreasing the incidence of Adverse Drug Reactions based on improving the way drugs are designed, regulated and administered to patients. To combat the opioid epidemic, he has been actively involved in education and public health initiatives that promote patient access to alternative, nonlethal natural medicines, such as Medicinal Cannabis. His research on drug side effects spans all different therapeutic areas –from infectious diseases to pain medicine. Most recently, he has been studying the hidden morbidity and mortality associated with US drug regulatory policy– focusing on the indigenous communities in Colombia that have been most affected by the US-led “War on Drugs”.

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PharmCAS WORKSHOP



The PharmCAS system is used in the submission of applications to PharmD programs. In this presentation, **Katie Bruce**, the Director of Application Services and Student Programs at the American Association of Colleges of Pharmacy, will describe the PharmCAS system and answer any questions you may have. Katie is responsible for the management, development, and oversight of PharmCAS, PharmGrad, and PharmDirect. Katie also provides guidance and support for admissions teams, manages application enhancements and product development, and provides support for national student affairs activities and programs. Katie earned a bachelor's degree at James Madison University.

GRADUATE SCHOOL PREPARATION PANEL

The panel is a unique opportunity for students to hear a bit more about graduate school from both current graduate school students and professionals in admissions departments for different graduate school programs. They will not only be able to learn about applying to graduate programs, but also what graduate school is like.

Panelists



Hanna Phan, PharmD, FCCP, FPPA

- **Faculty Affiliate for the Susan B. Meister Child Health Evaluation and Research Center; Clinical Pharmacist Specialist in Pediatric Pulmonary Medicine; Clinical Associate Professor.** Dr. Phan received her PharmD from the University of Michigan and completed her Postdoctoral Fellowship at The Ohio State University. She previously served as President of the Pediatric Pharmacy Association, and was designated as a Fellow for the American College of Clinical Pharmacy and the Pediatric Pharmacy Association. She currently serves as Board Regent for the American College of Clinical Pharmacy.



Cari Ceo

- **Assistant Director of Admissions–College of Pharmacy.** Cari Ceo is a proud graduate of the University of Michigan (LSA '05), earning a BA in English Language & Literature. She also holds a Master of Education from the University of Southern California. Cari has been an admissions professional at her alma mater for over 10 years. Cari is eager to connect with prospective students interested in joining Michigan's fantastic community.



Amna Rizvi-Toner, PharmD

- **5th year PhD Candidate–College of Pharmacy.** Amna obtained her BS in Human Physiology, Master of Public Health, and PharmD all from the University of Iowa. Amna is working on her PhD in Clinical Pharmacy and Translational Science at the University of Michigan. Her dissertation focuses on understanding symptom severity and management in patients taking targeted oral anticancer agents.

Assistant Dean Mark Nelson

- **Student Affairs, Recruitment, and Outreach Director at the University of Michigan - College of Pharmacy.** Dean Mark Nelson works with staff, faculty, and other deans to coordinate strategies, services, and events to ensure the well-being of the College of Pharmacy.





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Eugene Applebaum
College of Pharmacy
and Health Sciences

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Pharmaceutical Sciences



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CURRENT TOPICS IN PHARMACY PANEL

You will learn about the different “hot topics” in pharmacy such as gene and cell therapy, digital health, precision medicine, and pharmacy advocacy and policy. You will have the opportunity to **build connections** and learn more about current challenges and prospects within the pharmaceutical industry, making for compelling career areas to head into!

Presenters

Dr. Amy Pasternak

Dr. Amy Pasternak earned her PharmD from the Ohio Northern University Raabe College of Pharmacy in 2014. Dr. Pasternak joined the U-M faculty as a Clinical Assistant Professor in 2018. She became a Board-Certified Pharmacotherapy Specialist in 2015. Her current practice is focused in the implementation of pharmacogenetics into routine clinical care at the University of Michigan as part of the pharmacogenetics service. Her research focuses on the discovery and validation of pharmacogenetic associations and evaluating the clinical impact of translating pharmacogenetics into patient care.



Dr. Michael Imperiale

Dr. Michael Imperiale undertook his undergraduate and graduate education at Columbia University, receiving a B.A. in 1976, M.A. in 1978, and Ph.D. in 1981, all in Biological Sciences. He moved to The Rockefeller University, where he first became interested in viruses while studying gene regulation in the human pathogen, adenovirus. In 1984, Dr. Imperiale joined the Department of Microbiology and Immunology at the University of Michigan as the Assistant Professor of Microbiology and Immunology and currently obtains this same position.



Presenters



Dr. Jason Rech

Dr. Jason Rech is the Director of the Vahlteich Medicinal Chemistry Core and Managing Director of the Michigan Center for Therapeutic Innovation at the University of Michigan and a co-Founder and Chief Scientific Officer of Ocutheia, Inc. Dr. Rech attained an BS in Chemistry from Allegheny College and a PhD from the University of Pittsburgh where he worked on natural product synthesis and synthetic methods development. After graduate school, Dr. Rech accepted a position as a post-doctoral researcher at the University of California, Berkley furthering his training in synthetic chemistry. In 2017 Dr. Rech transitioned to the University of Michigan where he has served as Managing Director of the Michigan Center for Therapeutic Innovation for 7 year and Director of the Vahlteich Medicinal Chemistry Core for 1 year. In 2021 Dr. Rech co-founded Ocutheia, Inc. develop small molecule therapeutics that promote photoreceptor neuroprotection.

PHARMACEUTICAL CAREER PATHS PANEL

This panel features **respectful** leaders and key players in the pharmacy industry who take on diverse and vital roles, with experience working in all different areas. You will have the opportunity to explore in depth what kind of path you can pursue in the industry.

Panelists

Hanna Phan, PharmD, FCCP, FPPA

- **Faculty Affiliate for the Susan B. Meister Child Health Evaluation and Research Center; Clinical Pharmacist Specialist in Pediatric Pulmonary Medicine; Clinical Associate Professor.** Dr. Phan received her PharmD from the University of Michigan and completed her Postdoctoral Fellowship at The Ohio State University. She previously served as President of the Pediatric Pharmacy Association, and was designated as a Fellow for both the American College of Clinical Pharmacy and the Pediatric Pharmacy Association. She currently serves as Board Regent for the American College of Clinical Pharmacy.



Paru Patel, PharmD, CPPS

- **Executive Consultant working with senior Health-System and Pharmacy Leadership.** Dr. Patel received her BS and PharmD degrees from the University of Michigan, completing her residency at Harper Hospital - Detroit Medical Center. Her job now involves assessing and implementing process improvement efforts. She has over 25 years of experience in the practice area of medication use safety, Pharmacy Informatics, and clinical decision support in a variety of settings.



Kim Moon, PharmD

- **Medicare Part D Medication Therapy Management program manager for Senior Health Services (a subsidiary of Blue Cross Blue Shield of Michigan).** Dr. Moon has been a pharmacist with BCBSM/SHS since 2012. She is the Residency Program Director for the PGY1 SHS Medicare Managed Care Pharmacy Residency, and she also precepts fourth-year pharmacy students and lectures at the pharmacy schools of Wayne State University and the University of Michigan. Additionally, she has experience working as a community pharmacist, microbiologist, and medical technologist.



Stephen Stout, PharmD

- **Associate Director of Clinical Content at Wolters Kluwer Health Clinical Effectiveness.** Dr. Steve Stout completed his PharmD, residency, and Clinical Research Masters at the University of Michigan. His job involves overseeing development of clinical databases, covering subject areas including drug interactions, pharmacogenomics, drug allergies, and duplicate therapy.





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