



Improve Real-World Medication Use

Clinical Pharmacy Translational Science PhD

What Can a Clinical Pharmacy Translational Science (CPTS) PhD Do for Me?

From bedside to boardrooms, in classrooms, clinics and at the bench, pharmacy scientists are making an impact on health outcomes everywhere!

A PhD from U-M can open doors to a number of areas, including:

- Pharmaceutical Companies
- Health Systems and Hospitals
- Healthcare and Insurance Companies
- Federal Agencies
- Colleges and Universities





Enterprising Research. Bold Discoveries.

Learn in a state-of-the-art facility from leaders in their field, and have access to a world-renowned healthcare system.

“Here at the University of Michigan College of Pharmacy, the Clinical Pharmacy Translational Science PhD program empowers me to investigate multifaceted questions by utilizing interdisciplinary methodologies with faculty who are confident in diverse research content.”

Mohamad Ismail, PhD Candidate



Why #GoBlue?

We're making a positive impact on human health, and you can too.

#1

in Research Funding
in the BIG 10 Conference

#5

in Research
Funding Nationally

\$39.5M

in Research Funding
in 2025

4.4

Years to Defense

100%

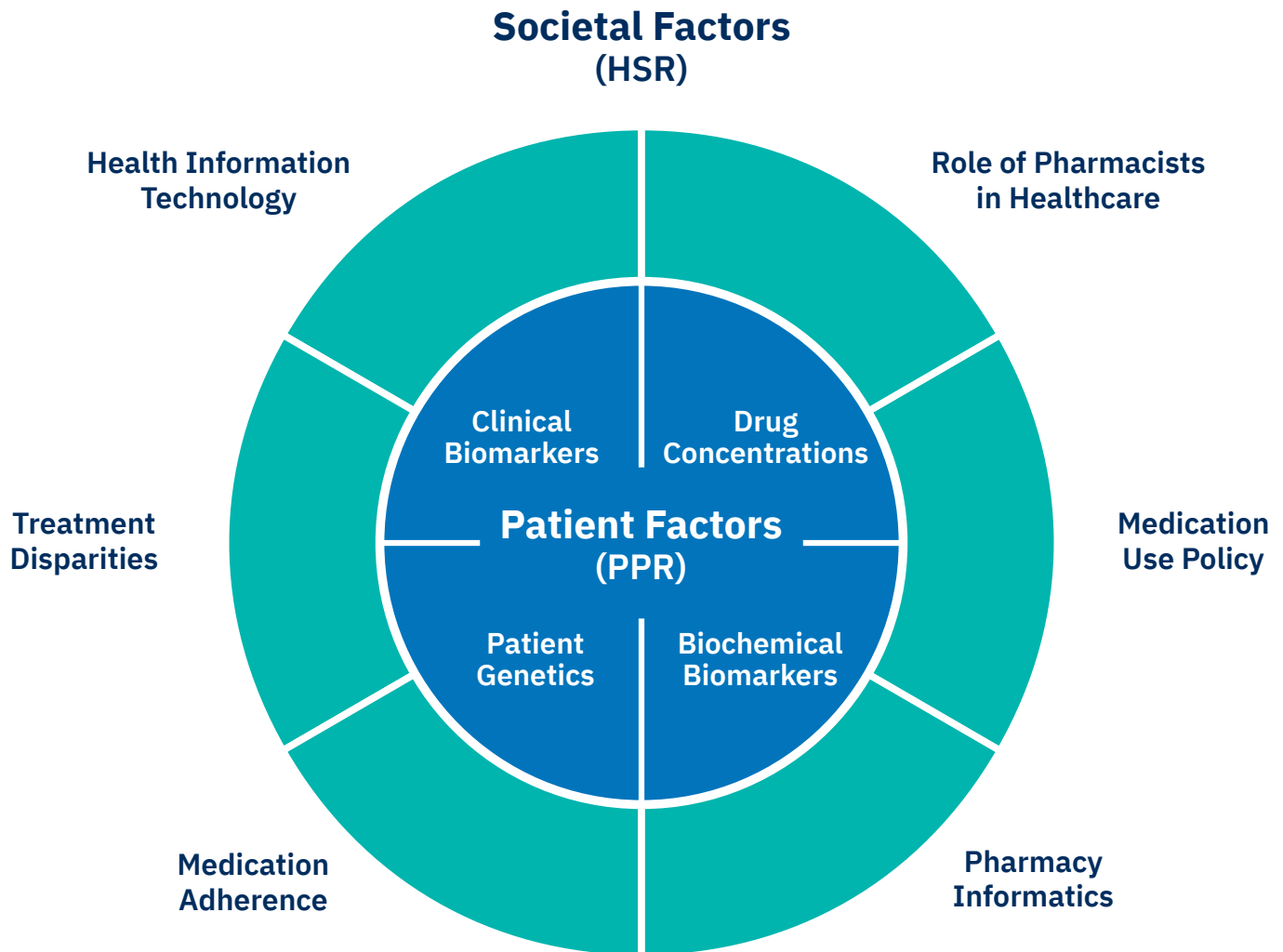
Funded: Tuition,
Benefits and a Stipend

67%

of Our Graduates Went
On to a Career
in Industry

So, What Is CPTS?

From big-picture population health issues to patient-specific biomarkers, we advance medication science.



Health Services Research

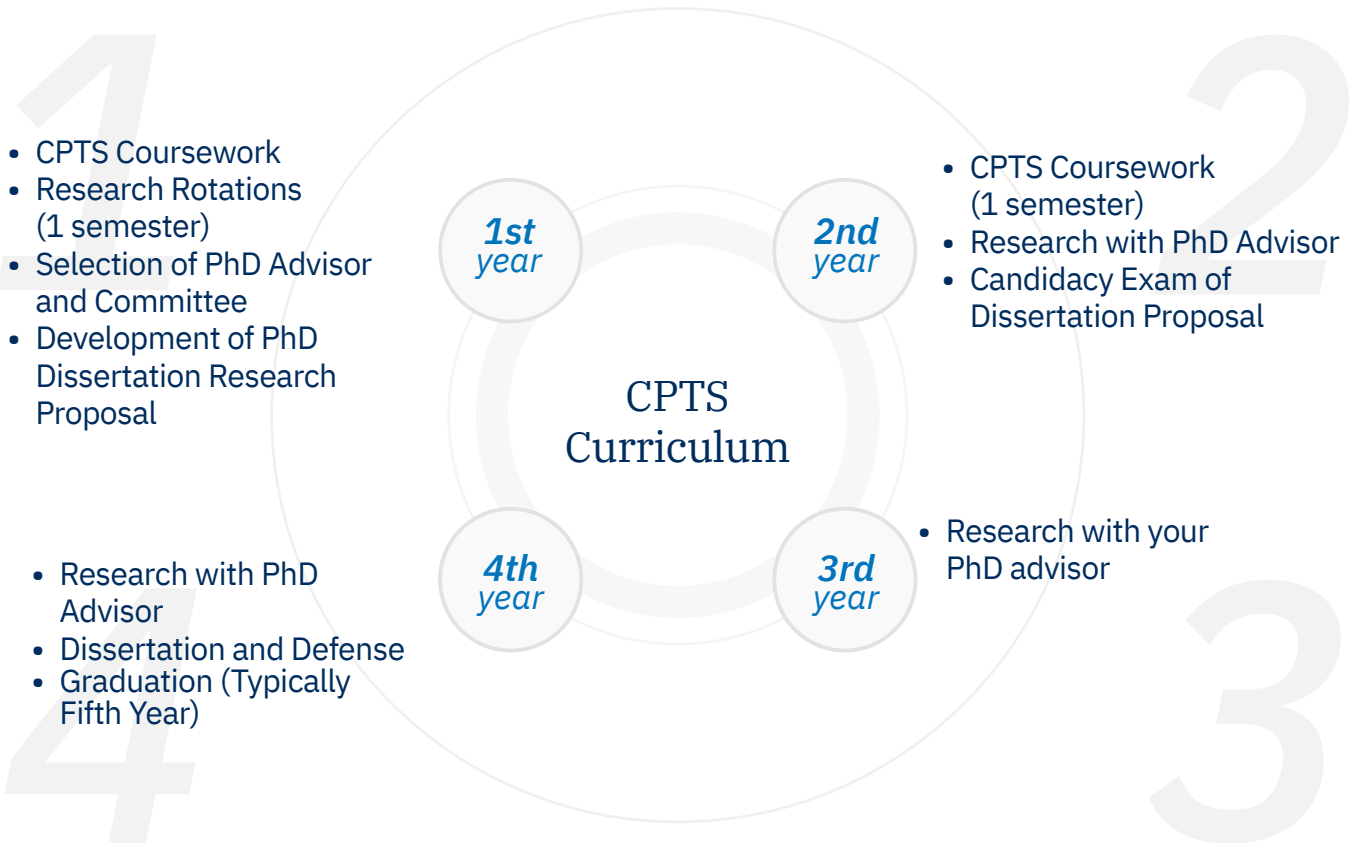
Interested in studying the outcomes of medicine and therapies in populations of people? Research the true impact of medicines using data & informatics to improve their effectiveness in humans, at health systems and advance healthcare policy.

Precision Pharmacotherapy Research

Interested in studying how people respond differently to medicines? Research how medicines work in people, studying individual patient data to make decisions on the right medicine, dose and time.



Curriculum at a Glance



From Student To Scholar: Advance to Candidacy

- Advancing to candidacy is a major milestone in your doctoral journey. It means you have finished your coursework, passed exams and will solely focus on your dissertation research.

Supporting You To a Successful Dissertation Defense.

- You will have a dissertation committee that will support and guide you.
- A defense includes a public presentation of your dissertation research and an oral examination with your dissertation committee who will vote on the degree conferment.

Admissions Timeline



**Need help
standing out in
your application?**

Scan the
QR code
for tips and
tricks for a
successful
application:



Be Mentored and Learn From Faculty Who Are Leaders in Their Field.



What is Health Services Research?

Choosing the **Health Services Research** track gives you exposure to faculty who have expertise and research across the health services and informatics continuum: AI and ML, digital health, software and technology development, pharmacy practice, community-engaged research, health disparities and implementation science.



What is Precision Pharmacotherapy Research?

Choosing the **Precision Pharmacotherapy Research** track gives you exposure to faculty who have expertise and research across disease states, including oncology, rare diseases, cardiovascular, psychiatry and in critical and transplant care. They are also subject matter experts in their fields of study, including pharmaco-kinetics, -genomics, -metabolomics and proteomics.



Meet Our CPTS Faculty



Experience Ann Arbor...

...and you'll have incredible stories to tell.



Enjoy a vibrant community offering:

- 400+ Dining Options
- Walkable Downtown & Campus
- 162 Parks & Seven Metro Parks
- 12 Museums, Music & Arts Venues
- Huron River Tubing & Canoeing

...and only 45 minutes from Detroit with even more arts, sports, and culture.

Experience the Difference of the Maize and Blue Student Culture

- “Go Blue!” is a greeting, farewell and rallying cry!
- The city and campus are intertwined – giving you easy access to an energetic downtown community.
- With one of the largest alumni networks, no matter where you travel, you'll likely run into someone donning the Block M.
- A leading research University and a College of Pharmacy that has an expansive research enterprise.





M | PHARMACY

Get to Know Us Better!

For a closer look at the CPTS PhD program and life as a Wolverine, check out our website and follow us on social media!



/UniversityOfMichigan
/umichpharmacy
/umichgradschool



@Umich
@UmichPharmacy



@UofMichigan
@UmichPharmacy
@umichgradschool



/university-of-michigan
/umichpharmacy
/university-of-michigan---rackham-graduate-school

You will apply for our PhD program through Rackham, who oversees the requirements, procedures, admissions and grants the PhD degree.

pharmacy.umich.edu • Apply Today: rackham.umich.edu