

Daniel M. Ibrahim, PharmD

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Education

Doctor of Medicine Candidate	2023 - 2027
Wayne State University School of Medicine — Detroit, MI	
Master of Business Administration Candidate	2023 - 2027
Wayne State University Mike Ilitch School of Business — Detroit, MI	
Doctor of Pharmacy	2015 - 2020
Massachusetts College of Pharmacy and Health Sciences — Boston, MA	

Clinical Experience

Medical Student Core Clerkships

Wayne State University School of Medicine — Detroit, MI

Emergency Medicine	DMC Sinai Grace Hospital	Scheduled Apr 2026
Obstetrics & Gynecology	DMC Hutzel Women's Hospital	Feb - Present
Pediatrics	DMC Children's Hospital of Michigan	Jan - Feb 2026
Surgery	DMC Harper University Hospital	Oct - Dec 2025
Family Medicine	Corewell Health Care Center	Sept 2025
Psychiatry	DMC Sinai Grace Hospital	Aug 2025
Neurology	DMC Children's Hospital of Michigan	Jul 2025
Internal Medicine	DMC Sinai Grace Hospital	Apr - Jun 2025

*Pass with Clinical Commendations received on all completed core clerkships

Opioid Use Disorder Treatment (OUDT) Program Director	2021 - 2022
Michael's Pharmasave — Huron County, ON	

- Created a comprehensive OUDT program, SOPs compliant with provincial regulations
- Clinically assessed and cared for patients receiving OUDT treatment
- Provided peer education on opioid treatment pharmacotherapeutics
- Implemented clinical documentation standards

Staff Pharmacist	2020 - 2022
Michael's Pharmasave — Huron County, ON	

- Provided comprehensive patient care as an independent community pharmacist
- Trained pharmacy students in clinical practice
- Collaborated in local public health vaccine initiatives
- Provided peer education on key topics in pharmacokinetics and pathophysiology

Research Experience

Breast Implant Illness and Autoimmune/inflammatory Syndrome Induced by Adjuvants (ASIA): Systematic Review and Symptom Analysis 2025-In Progress

Wayne State University / DMC

PI: Dr. Andre Sisti, MD — Department of Plastic & Reconstructive Surgery

- Conducting systematic literature review characterizing symptom profiles in patients with unruptured implants
- Performing quantitative symptom analysis to evaluate BII as a defined clinical entity
- Manuscript in preparation, submission anticipated 2026

Colorectal Cancer Screening in Cystic Fibrosis: A Missed Opportunity in Medical Education 2024-2025

Wayne State University / DMC

PI: Zubin Mukadam, MD — Department of Pulmonary & Critical Care and Sleep Medicine

- Contributed to data collection and analysis examining screening gaps in CF patients
- Published in Michigan Medical Education and Health Bulletin

M3 Clerkship Registration Tool In Progress

Wayne State University School of Medicine

- Developed and deployed a mock-registration tool to support M3 students navigating clerkship scheduling
- Distributed institutional survey to assess educational impact; manuscript in preparation

The Virtual Clinic 2020

Massachusetts College of Pharmacy and Health Sciences

- Built an AI-driven patient case simulation using intent and phrase recognition
- Deployed as the centerpiece of a dedicated Academic APPE created specifically around this project
- Presented at Wayne State MedEd Innovation and Research Conference

Publications & Presentations

Publications

1. **Ibrahim DM**, Ahmed A, Reddy S, Patel MS, Sumbal N, Chaban A, Fayyaz AI. Tadalafil monotherapy is a reasonable alternative for the treatment of lower urinary tract symptoms in patients with comorbid benign prostatic hyperplasia and erectile dysfunction. *Clin Res Prac.* 2026;12(1):eP3606. doi:10.22237/crp/1770638400
2. Sharma A, **Ibrahim D**, Saini-Goeman A, Mukadam Z, Levine D. Colorectal Cancer Screening in Cystic Fibrosis: A Missed Opportunity in Medical Education. *MI Medical Education and Health Bulletin.* 2025;3(3):8-12. doi:10.69735/001c.146039

Presentations

1. Sharma A, **Ibrahim D**, Saini-Goeman A, Mukadam Z, Levine D. Colorectal Cancer Screening in Cystic Fibrosis: A Missed Opportunity in Medical Education. 2025 Michigan Chapter Annual Scientific Meeting, 2025.

2. **Ibrahim D.** "Hello, MedEd World": Leveraging LLMs to Enhance Medical Education. Medical Education Research and Innovation (MER/I) Conference, Wayne State University School of Medicine. 2023.

Professional Experience

Co-Founder & Principal Software Engineer 2018 - Present

General Dynamic Information Software, Remote

- Secured a \$40,000+ contract transitioning client to enterprise technical operations
- Developed multiple LLM-augmented document processing pipelines
- Consulted on technical HIPAA / PHIPA compliance

Software Engineer, Clinical Operations 2022-2023

Felix Health, Toronto ON (Hybrid)

- Led development of clinician-facing prescribing platform
- Initiated documentation, testing, and PHIPA compliance standards
- Interviewed engineering candidates and engaged in hiring decisions

Projects

CaseRounds 2025-Present

- AI-powered surgical oral examination preparation tool enabling full voice-based patient encounter simulation from pre-built clinical cases
- In development

Catch 2025-Present

- iOS-based surgical case logging app developed during Plastic Surgery rotation
- AI-generated procedure guides and voice transcription for case reflection
- In development

Examocron — examocron.com 2024-Present

- Deployed study planning tool with dynamic lecture scheduling, completion tracking, and progress metrics
- Full-stack independent build including authentication, email, payments, and user management

OUDT Documentation Platform 2021-2022

- Deployed clinical documentation system replacing inadequate Kroll functionality for OUDT patient records
- Evolved from local Python-based GUI to a web-based clinical interface; actively used at Michael's Pharmasave

Clinical Appointment Management Platform 2021-Present

- Healthcare scheduling platform supporting clinician-level timeslot management, onboarding questionnaire building, and patient-facing appointment scheduling
- MVP deployed and active at a community pharmacy; full platform in development

Meds-2-Beds

2020

Massachusetts General Hospital

- Clinical workflow application streamlining decentralized medication delivery requests, status management, and automated medication counselling report generation
- Built and pitched to MGH administration

The Virtual Clinic

2020

Massachusetts College of Pharmacy and Health Sciences

- Natural language patient case simulation using intent and phrase recognition predating modern LLMs
- Deployed in a formal academic setting; foundation of ongoing work in AI-augmented medical education

Leadership Experience**Session Director, Senior Boys Week**

2017-Present

Beacon Bible Camp

- Direct programming for 90+ campers and 20+ counselors and staff
- Lead session programming, budgeting, purchasing, and cross-activity staff coordination
- Personally fund operational expenses as a contribution to the ministry; recruited and onboarded a co-director upon entering medical school
- Oversee scheduling, staff development, and real-time operations

Co-Founder, Medical Innovations Wayne Student Club

2024-2025

Wayne State University School of Medicine

- Established student organization promoting technology literacy in medicine; facilitated introductory coding sessions for medical students

Vice President, Christian Medical and Dental Student Association

2024-2025

Wayne State University School of Medicine

Course Director & Head Canoe Instructor

2017-2019

Beacon Bible Camp

- Designed an ORCKA-certified canoeing curriculum that certified hundreds of campers
- Managed and mentored a team of three canoe instructors, adapting leadership approach to individual needs and personalities
- Delivered daily canoeing instruction while overseeing program safety and quality

President, Christian Student Association

2018-2019

Massachusetts College of Pharmacy and Health Sciences

Teaching Experience

Bible Teacher 2016-Present

Beacon Bible Camp, Stark Road Gospel Hall, & Invited Churches

- Delivered expository Bible teaching to audiences of 70+ including campers aged 15–17 and staff
- Progressed from delivering 3 messages per week to leading the full 11-message teaching week independently upon mentor's retirement
- Continues in regular teaching capacity at various churches following conclusion of camp involvement in 2023

Campylobacter Species, Infectious Disease Curbside Consultation Handout 2024

Wayne State University School of Medicine

- Authored original handout adopted by Dr. Lea M. Monday, Pharm.D., M.D., Attending Physician in Transplant Infectious Diseases and Associate Program Director, ID Fellowship, DMC

The Virtual Clinic 2020

Massachusetts College of Pharmacy and Health Sciences

- Delivered a formal lecture utilizing an original AI patient simulation to PharmD students
- Rotation created around this project; sole student selected to deliver formal academic instruction

University-Level Peer Tutoring 2015-2017

Massachusetts College of Pharmacy and Health Sciences

- Tutored in Calculus I & II, Chemistry I & II, Physics I, and Organic Chemistry
- Self-initiated group exam review sessions for 10–20 students per session; classrooms booked institutionally ensuring open access to all students

Service

Wilderness Canoe Outtrip Leader 2017-2019

Beacon Bible Camp

- Planned and led multi-day wilderness canoe outtrips for campers
- ORCKA-certified Basic Canoe Instructor and Outtripping Certification

Volunteer Lifeguard 2016-2019

Head of the Charles Regatta — Boston, MA

- Provided water safety coverage for one of the world's largest rowing regattas
- Conducted a water rescue

Cabin Counsellor & General Staff 2012-Present

Beacon Bible Camp

- Provided pastoral care, mentorship, and supervision to adolescent campers over multiple summers
- Served in various capacities including lifeguarding and facilities maintenance

Volunteer, START Segment Communications Team 2019-2020

Boston Marathon

- Served as central communications unit coordinating runner release at race start

Licensure & Certification

Pharmacist, Emergency Assignment Ontario College of Pharmacists	2021-2024
Basic Life Support American Heart Association	Current
Opioid Use Disorder Treatment Course Certificate The Center for Addiction and Mental Health	2021
Medication Therapy Management Services Certificate American Pharmacists Association	2019-2022
Patient-Centered Diabetes Care Certificate American Pharmacists Association	2019
Basic Canoe Instructor Ontario Recreational Canoe & Kayak Association	2017-2024
Canoe Tripping Level 2 Ontario Recreational Canoe & Kayak Association	2017
Open Water Scuba Diver Scuba Diving International	2016

Honors & Awards

Dean's List Massachusetts College of Pharmacy and Health Sciences	2015-2017
Merit Scholarship Massachusetts College of Pharmacy and Health Sciences	2017-2019
Canadian Merit Scholarship Massachusetts College of Pharmacy and Health Sciences	2015-2016

Extracurricular Interests/Hobbies

Wilderness Canoeing & Outdoor Adventure — extensive backcountry canoe tripping experience in Ontario; ORCKA certified instructor and outtrip leader

Rock Climbing — lead certified; outdoor bouldering in Ontario, 2020–2023

Open Water SCUBA Diving

Piano — RCM Grade 8 with Advanced Rudiments; private instruction

Reading & Culinary Arts