

Curriculum Vitae

Rima A. Mohammad, PharmD, FCCP, BCPS

PERSONAL DATA

Address: Office
University of Michigan College of Pharmacy
428 Church Street
Ann Arbor, MI 48109-1065

Home
3832 Highlander Way West
Ann Arbor, MI 48109

Contacts: (734) 647-1677 (office)

Email: rimam@med.umich.edu (work)
mohammra@gmail.com (personal)

EDUCATION

- 2018 - 2019 Medical Education Scholars Program
University of Michigan Medical School
Ann Arbor, MI
- 2015 - 2017 American College of Clinical Pharmacy Mentored Research Investigator
Training (MERIT) Program
- 2005 - 2006 Post-Graduate Year 2 (PGY2) Specialty Residency in Critical Care
Michigan Medicine
Ann Arbor, MI
- 2004 - 2005 Post-Graduate Year 1 (PGY1) Pharmacy Practice Residency
Michigan Medicine
Ann Arbor, MI
- 2000 - 2004 Doctorate of Pharmacy
University of Cincinnati
College of Pharmacy
Cincinnati, OH

APPOINTMENTS AND POSITIONS

POLITICAL/ ELECTED

2023 - Present Trustee and Vice President, Board of Education
Ann Arbor Public Schools
Ann Arbor, MI

ACADEMIC

2016 - Present Clinical Associate Professor
University of Michigan College of Pharmacy
Ann Arbor, MI

2014 - 2016 Clinical Assistant Professor
University of Michigan College of Pharmacy
Ann Arbor, MI

2010 - 2013 PGY2 Internal Medicine Residency Program Director
UPMC and University of Pittsburgh School of Pharmacy
Pittsburgh, PA

2009 - 2013 Assistant Professor
University of Pittsburgh School of Pharmacy
Pittsburgh, PA

2007 - 2009 Assistant Professor
Long Island University, Arnold & Marie Schwartz College of Pharmacy
Brooklyn, NY

2006 - 2007 Assistant Professor
University of Tennessee College of Pharmacy
Knoxville, TN

2004 - 2006 Adjunct Clinical Instructor
University of Michigan College of Pharmacy
Ann Arbor, MI

NON-ACADEMIC - PHARMACY PRACTICE

2022 - Present Clinical Specialist, Sepsis Transitions of Care
Michigan Medicine
Ann Arbor, MI

- 2018 - Present Clinical Specialist, Post Intensive Care Recovery Clinic
Michigan Medicine
Ann Arbor, MI
- 2017 - Present Clinical Specialist, Hepatology/Gastroenterology
Michigan Medicine
Ann Arbor, MI
- 2014 - 2017 Clinical Specialist, General Surgery/Nutrition/Gastroenterology
Michigan Medicine
Ann Arbor, MI
- 2011 - 2013 Clinical Specialist, Inpatient and Outpatient Hepatology
UPMC
Pittsburgh, PA
- 2009 - 2013 Clinical Specialist, Internal Medicine
UPMC
Pittsburgh, PA
- 2007 - 2009 Clinical Specialist, Surgical Intensive Care Unit
Mount Sinai Medical Center
New York, NY
- 2006 - 2007 Clinical Specialist, Emergency Medicine
University of Tennessee Medical Center
Knoxville, TN

PHARMACY LICENSURE AND CERTIFICATION

- 2006 - Present Board Certified Pharmacotherapy Specialist
- 2004 - Present Pharmacy Licensure, State of Michigan
5302035423
- 2009 - 2014 Pharmacy Licensure, State of Pennsylvania
RP444248
- 2007 - 2010 Pharmacy Licensure, State of New York
20 051684
- 2006 - 2007 Pharmacy Licensure, State of Tennessee
27714
- 2005 - 2009 Advanced Cardiac Life Support

HONORS AND AWARDS

2021	University of Michigan College of Pharmacy Teaching Excellence Award
2020	PDC Faculty Appreciation Award – P3 class
2019	University of Michigan College of Pharmacy Teaching Excellence Award nominee
2018	Sepsis Heroes Award – Sepsis Alliance
2016	Fellow of the American College of Clinical Pharmacy (FCCP)
2015	ACCP Adult Medicine PRN MeRIT program tuition scholarship (\$4000)
2012	American Society of Health-System Pharmacists (ASHP) and American Pharmacists Association (APhA) Top 10 Finalist for best practices in Medication Management in Care Transitions
2012	ACCP Best Poster Top 8 Finalist
2012	Jewish Healthcare Foundation Fine Award Finalist
2012	ACCP Adult Medicine PRN Best Poster
2007	ACCP Spring Practice and Research Forum Best Resident and Fellow Poster
2005	ACCP Economics and Outcomes PRN project acknowledgement

MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

2007 - 2009	New York State and City Society of Health-System Pharmacists
2018 - Present	Society of Critical Care Medicine (SCCM)
2005 - 2010	
2004 - 2006	Southeastern Michigan Society of Health-System Pharmacists
2004 - Present	American College of Clinical Pharmacy Adult Medicine PRN Network GI/Liver/Nutrition PRN Network Critical Care PRN Network
2003 - Present	Phi Lambda Sigma Leadership Fraternity
2001 - 2015	American Society of Health-System Pharmacists
2001 - 2006	American Pharmacists Association

TEACHING RESPONSIBILITIES

UNIVERSITY OF MICHIGAN COLLEGE OF PHARMACY, 2014 - Present

Professional Courses

COORDINATOR

2023 - 2024	Pharmacy Practice Skills II [P514] Course Coordinator
2014 - Present	Therapeutics Lab [PHARMACY 702 and 712] Lab Course Coordinator

DIDACTIC

- 2023 - Present Pharmacy Practice Skills I [P504]
Lecturer, SOAP Notes and Verbal Skills
- 2023 Pharmacy Practice Skills II [P514]
Lecturer, SOAP Notes and Verbal Skills
- 2021 - Present Critical Care Elective
Lecturer, Post-ICU Care
- 2017 - Present Therapeutics [PHARMACY 612]
Lecturer, Peptic Ulcer Disease and Acute Gastrointestinal Disorders (2017, 2018)
Lecturer, Epilepsy I, II and Lab (2020)
Lecturer, Migraines (2020)
Lecturer, Men's Health (2020-Present)
Lecturer, Anemia I and II (2021-Present)
- 2015 Therapeutics [PHARMACY 602]
Lecturer, Peptic Ulcer Disease (2015)
- 2014 - Present Therapeutics [PHARMACY 712]
Lecturer, Chronic Liver Disease (2015)
Lecturer, Intro to Hepatology (2015)
Lecturer, DILI (2015)
Lecturer, Inflammatory Bowel Disease (2015-Present)
Lecturer, Viral Hepatitis I and II (2014-Present)
Facilitator, Hepatology and Gastroenterology Labs (2014-Present)
Lecturer, Constipation, Diarrhea, IBS (2016, 2017)
Lecturer, Acute Gastrointestinal Disorders (2016, 2017)
Lecturer, Nutrition I and II (2018-Present)
Lecturer, Sepsis (2018-Present)
Lecturer, Pain, Delirium, Agitation (2018-Present)
Lecturer, Clostridium Difficile Infection (2018)
Facilitator, ICU Lab (2018-Present)
Lecturer, Rheumatoid Arthritis (2019-Present)
Lecturer, Peptic Ulcer Disease (2020-Present)
Lecturer, Acute Gastrointestinal Disorders (2020-Present)

EXPERIENTIAL

- 2018 - Present University of Michigan College of Pharmacy, Ann Arbor, MI
Advanced Pharmacy Practice Experience (APPE) Rotation Preceptor
Teaching/Academia

2014 - 2019 Michigan Medicine, Ann Arbor, MI
Introductory Pharmacy Practice Experience (IPPE) Rotation Preceptor
General Surgery/Nutrition (2014 - 2017)
Transitions of Care – Hepatology (2018 - 2019)

2014 - 2017 Michigan Medicine, Ann Arbor, MI
APPE Rotation Preceptor
General Surgery/Nutrition

LONGITUDINAL

2014 - Present Pharm.D. Investigation Courses [PHARM/MC/PS 565, 575, 585]
Faculty Advisor

UNIVERSITY OF PITTSBURGH SCHOOL OF PHARMACY, 2009 - 2014

Professional Courses

DIDACTIC

2013 Anatomy and Physiology 2 [PHARM 5115]
Lecturer, Functional Anatomy
Lecturer, Accessory Digestive Organs
Lecturer, Mechanical Processes involved in Digestion
Lecturer, Secretions of the Digestive System
Lecturer, Chemical Composition of Foods, Digestion and Absorption

2012 Pulmonary, Allergy, Rheumatology [PHARM 5316]
Lecturer, Asthma Disease
Facilitator, Respiratory Lab (created and facilitated) and Asthma Cases
(Virtual patient - facilitated)

2011 - 2013 Gastroenterology/Nutrition [PHARM 5223]
Lecturer, Acute Liver Disease
Lecturer, Chronic Liver Disease

2011 - 2013 Facilitator, Liver Cases (created and facilitated cases)

2010 - 2013 Facilitator, Diarrhea/Constipation Cases
Facilitator, Peptic Ulcer Disease Cases

2011 - 2013 Advanced Pharmaceutical Care 1
Facilitator, Hypertension Problem-based Learning Cases
Facilitator, Cardiovascular Diseases Problem-based Learning Cases

2010 - 2012 Endocrinology [PHARM 5318]
Facilitator, Journal Club Practicum

2010 - 2012 Profession of Pharmacy [PHARM 5111]
Facilitator, Chart Review Assignment

EXPERIENTIAL

2009 – 2013 UPMC Presbyterian, Pittsburgh, PA
IPPE Rotation Preceptor
Internal Medicine

2009 – 2013 UPMC Presbyterian, Pittsburgh, PA
APPE Rotation Preceptor
Internal Medicine

Course Development

2011 - 2013 Special Projects Elective [PHARM 5800]
Coordinator, Introduction to Clinical Research in Hepatology (created and coordinated)

LONG ISLAND UNIVERSITY, ARNOLD AND MARIE SCHWARTZ COLLEGE OF PHARMACY, 2007 - 2009

Professional Courses

DIDACTIC

2008 - 2009 Pharmacotherapeutics II [PH 210]
Lecturer, Pancreatitis
Lecturer, Fluid and Electrolytes

EXPERIENTIAL

2007 – 2009 Mount Sinai Medical Center, New York, NY
IPPE Rotation Preceptor
Institutional

2007 – 2009 Mount Sinai Medical Center, New York, NY
APPE Rotation Preceptor
Critical Care, Internal Medicine and Research

UNIVERSITY OF TENNESSEE COLLEGE OF PHARMACY, 2006 – 2007

Professional Courses

DIDACTIC

2007 Cardiology Selective
Lecturer, Hypertensive Urgency and Emergency

2007 Toxicology Elective [PHCY 245]

Lecturer, A General Approach to Providing Support Measures for
Poisonings

UNIVERSITY OF MICHIGAN COLLEGE OF PHARMACY, 2004 – 2006

Professional Courses

DIDACTIC

2004 - 2006 Pharmaceutical Care IV
Facilitator

RESIDENCY DEVELOPMENT AND INVOLVEMENT

MICHIGAN MEDICINE, UNIVERSITY HOSPITAL, 2014 - Present

Residency Responsibilities

2020 - Present Post-ICU Clinic Rotation
2017 - Present Teaching/Academia Rotation
2015 - 2023 Transitions of Care in Hepatology Rotation
2014 - 2017 Nutrition Rotation
2014 - 2017 General Surgery Rotation

Post-Doctoral Resident Rotation Supervision

2023 - 2024 Raneen Pallota, Infectious Disease Resident
Kevin Johns, Critical Care Resident
Ashton Strother, Pharmacy Practice Resident
Lana Alhashimi, Pharmacy Practice Resident
2022 - 2023 Brianna Groen, Pharmacy Practice Resident
Raneem Pallota, Pharmacy Practice Resident
Alan Yee, Pharmacy Practice Research Resident
Michelle Lee, Infectious Disease Resident
Amoreena Most, Critical Care Resident
Hansa Mreyoud, Transplant Resident
2021 - 2022 Joseph Elijah, Pharmacy Practice Resident
Michelle Nguyen, Pharmacy Practice Resident
2020 - 2021 Ryan Sutherland, Pharmacy Practice Resident
2019 - 2020 Nick Franz, Critical Care Resident
2018 - 2019 Joseph Cusimano, Pharmacy Practice Resident
2017 - 2018 Marina Maes, Pharmacy Practice Resident
2016 - 2017 Nicholas Farina, Critical Care Resident
Connor Luczak, Managed Care Resident
2015 - 2016 Suhail Shaikh, Pharmacy Practice Resident
Nada Farhat, Pharmacy Practice Resident
Valerie Palmer, Ambulatory Care Resident

2014 - 2015 Alexis Bylina, Critical Care Resident
Joslyn Neal, Pharmacy Practice Resident
Monique Conway, Pharmacy Practice Resident
Jennifer Lashinsky, Critical Care Resident
Natalia Jasiak, Transplant Resident
Lisa Albrecht, Pharmacy Practice Resident

UPMC PRESBYTERIAN, 2009 - 2013

Residency Responsibilities

Developed and served as director of the Internal Medicine Pharmacy Residency Program and served as rotation preceptor for all residency programs at the UPMC and University of Pittsburgh School of Pharmacy.

2010 - 2013 Director, PGY2 Internal Medicine Pharmacy Residency
ASHP accreditation status: Accredited
Residents:
Michael Smith (2012/2013)
Amanda Lin (2011/2012)
Jenny Kim (2010/2011)

2011 - 2013 PGY2 Medication Safety Residency Preceptor
Internal Medicine - Required

2011 - 2013 PGY2 Infectious Disease Residency Preceptor
Internal Medicine - Elective

2011 - 2013 PGY2 Ambulatory Care Residency Preceptor
Hepatology - Elective
Transitions of Care - Internal Medicine - Elective

2011 - 2013 PGY2 Cardiology/Critical Care Residency Preceptor
Transitions of Care - Internal Medicine - Elective

2010 - 2013 PGY2 Internal Medicine Residency Preceptor
Internal Medicine and Hepatology - Required

2009 - 2013 PGY1 Pharmacy Practice Residency Preceptor
Internal Medicine and Preceptorship - Required
Internal Medicine - Elective

Post-Doctoral Resident Supervision

2012 - 2013 Tiffany Smith (Chapman), Medication Safety Resident

Megan Fleischman, Ambulatory Care Resident
Michael Smith, Internal Medicine Resident
Mariam Bora, Pharmacy Practice Resident
Amanda Johnson, Pharmacy Practice Resident
Vanessa Millisor, Pharmacy Practice Resident
Alicia Lichvar, Pharmacy Practice Resident

2011 - 2012 Meredith Jernigan, Infectious Disease Resident
Megan Kloet, Pharmacy Practice Resident
Amanda Lin, Internal Medicine Resident
Michael Smith, Pharmacy Practice Resident
Gretchen Kipp, Transplant Resident
Ibrahim Sales, Ambulatory Care Resident

2010 - 2011 Sandeep Devabhakthuni, Cardiology/Critical Care Resident
Jenny Kim, Internal Medicine Resident
Ibrahim Sales, Pharmacy Practice Resident
Meredith Jernigan, Pharmacy Practice Resident

2009 - 2010 John Foley, Pharmacy Practice Resident
Christina Hedrick, Pharmacy Practice Resident

MOUNT SINAI MEDICAL CENTER, 2007 – 2009

Residency Responsibilities

Served as rotation preceptor for the Pharmacy Practice residency program at Mount Sinai Medical Center.

2007 - 2009 PGY1 Pharmacy Practice Residency Preceptor
Critical Care and Internal Medicine - Elective

Post-Doctoral Resident Supervision

2008 - 2009 Gargi Patel, Pharmacy Practice Resident
2007 - 2008 Reena Tejura, Pharmacy Practice Resident

SERVICE

COMMITTEES

PROFESSIONAL ORGANIZATIONS

Local

- 2020 - Present Faculty Advisor and Co-Founder, Arab American Pharmacist Association – University of Michigan College of Pharmacy
- 2016 - Present Faculty Advisor and Co-Founder, Multicultural Pharmacy Student Organization – University of Michigan College of Pharmacy
- 2014 - 2016 Faculty Advisor, APhA – University of Michigan College of Pharmacy Student Chapter
- 2011 - 2013 Faculty Advisor, ASHP – University of Pittsburgh School of Pharmacy Student Chapter
- 2007 - 2009 Faculty Advisor, Phi Lambda Sigma – Long Island University Arnold & Marie Schwartz College of Pharmacy Student Chapter
- 2007 - 2008 New Practitioner Mentor, APhA – Long Island University Arnold & Marie Schwartz College of Pharmacy Student Chapter
- 2004 - 2006 New Practitioner Mentor, APhA - University of Michigan College of Pharmacy Student Chapter

National/Regional

American College of Clinical Pharmacy

- 2018 - 2019 Chair, Adult Medicine PRN Research Committee
- 2018 - 2019 Member, Critical Care PRN Research Committee
- 2017 - 2018 Vice Chair, Adult Medicine PRN Research Committee
- 2017 - 2018 Member, Ambulatory Care PRN Research Process Committee
- 2015 - 2017 Member, 2017 Annual Meeting Program Committee
- 2013 - 2017 Mentor, Resident Mentor Program
- 2012 - 2013 Chair, GI/Liver/Nutrition PRN
- Member, GI/Liver/Nutrition PRN Programming Committee
- 2011 - 2012 Chair Elect, GI/Liver/Nutrition PRN
- Member, GI/Liver/Nutrition PRN Programming Committee
- 2010 - 2011 Member, Public and Professional Relations Committee
- 2009 - 2018 Reviewer, Student and Resident Curriculum Vitae Reviews
- 2007 - 2008 Member, Certification Affairs Committee
- 2006 - 2007 Member, Critical Care PRN Programming Committee
- 2005 - 2006 Member, Task Force on Leadership

American Society of Health-System Pharmacists

- 2012 - 2015 Member, Section Advisory Group on Preceptor Skills Development

- 2008 - 2009 Member, New Practitioner Science and Research Advisory Group
- 2006 - 2007 Member, Council on Pharmacy Practice
- 2006 Attendee, ASHP National Policy Week at Washington D.C.
- 2005 Attendee, ASHP Leadership Conference
- 2005 - 2006 Member, New Practitioner Leadership/Career Development Subcommittee
- 2004 - 2005 Member, New Practitioner Membership Subcommittee

New York City Society of Health-System Pharmacists

- 2008 - 2009 Chair, Special Projects Committee

UNIVERSITY AND SCHOOL

- 2022 - 2023 Chair, Race/Ethnicity/SDoH Committee
University of Michigan College of Pharmacy
- 2021 - 2022 Member, Race/Ethnicity/SDoH Committee
University of Michigan College of Pharmacy
- 2017 - 2018 Chair, Therapeutic Problem Solving (ad Hoc)
University of Michigan College of Pharmacy
- 2014 - 2023 Member, Therapeutic Problem Solving (ad Hoc)
University of Michigan College of Pharmacy
- 2015 - Present Member, Clinical Skills Committee
University of Michigan College of Pharmacy
- 2015 - 2016 Chair, Therapeutic Problem Solving (ad Hoc)
University of Michigan College of Pharmacy
- 2014 - 2015 Member, International Affairs Committee
University of Michigan College of Pharmacy
- 2011 - 2013 Member, Curriculum Committee
University of Pittsburgh School of Pharmacy
- 2010 - 2013 Member, Residency Council
University of Pittsburgh School of Pharmacy
- 2008 - 2009 Member, Curriculum Committee
Long Island University Arnold & Marie Schwartz College of Pharmacy
- 2008 - 2009 Member, Scholastic Committee
Long Island University Arnold & Marie Schwartz College of Pharmacy
- 2007 - 2009 Member, Faculty, Preceptor, Staff Development Committee
Long Island University Arnold & Marie Schwartz College of Pharmacy

HOSPITAL

- 2018 - 2022 Co-Chair, Sepsis Transitions of Care Clinical Design Group
Michigan Medicine (Pharmacy Lead – Medication Subgroup)
- 2015 - 2017 Member, Colectomy Clinical Design Group
Michigan Medicine
- 2014 - 2016 Member, Nutrition Advisory Committee
Michigan Medicine

2009 - 2012 Member, Anticoagulation Task Force
UPMC Presbyterian/Shadyside

2007 - 2009 Member, Critical Care Committee
Mount Sinai Medical Center

2006 - 2007 Member, Pneumonia Team Committee
University of Tennessee Medical Center

2005 - 2006 Member, Residency Advisory Committee
Michigan Medicine

2005 - 2006 Pharmacy Chief Resident
Michigan Medicine

JOURNAL REVIEWER

2018 - Present Manuscript Reviewer, Journal of American College of Clinical Pharmacy

2006 - 2009 Manuscript Reviewer, Advanced Emergency Nursing Journal

2006 - Present Manuscript Reviewer, Annals of Pharmacotherapy

2005 - Present Manuscript Reviewer, Pharmacotherapy

2004 - Present Manuscript Reviewer, American Journal of Health-System Pharmacy

PRESENTATIONS

INVITED PLATFORM/ WEBINAR PRESENTATIONS

1. *Rima A. Mohammad*. "Clinical and financial outcomes of a therapeutic interchange program for erythropoietic growth factors in adult hemodialysis patients." ACCP Annual Meeting. San Francisco, CA. October 2005.
2. *Rima A. Mohammad* and Renee Petzel. "Developing Pharmacy Services in the Emergency Department." Continuing education for pharmacists and pharmacy students. University of Tennessee College of Pharmacy. Memphis, TN. March 2007.
3. *Rima A. Mohammad*. "Inflammatory Bowel Disease (IBD) and Your Medications." Crohn's and Colitis Foundation of American (CCFA) – Tennessee Chapter. Knoxville, TN. April 2007.
4. *Rima A. Mohammad*. "Review of the management of hepatic encephalopathy." ACCP Annual Meeting. Austin, TX. October 2010.
5. Moderator. "Updates in GI/Liver Topics." ACCP Annual Meeting. Hollywood, FL. October 2012.
6. *Rima A. Mohammad*. "Latest and greatest in antiviral therapy for HCV – sofosbuvir, simeprevir, and interferon-free therapy." ACCP Annual Meeting. Austin, TX. October 2014.
7. *Rima A. Mohammad*. "Out with the old and in with the new..A shift in the hepatitis C treatment paradigm." ASHP Midyear Clinical Meeting. Anaheim, CA. December 2014.

8. *Rima A. Mohammad*. "Therapeutic considerations in the management of special-population HCV patients and identifying effective roles for pharmacists in their care." Michigan Pharmacist Association Annual Meeting. Detroit, MI. February 2016.
9. *Rima A. Mohammad*. "Updates in Chronic Liver Disease." ACCP Annual Meeting. Phoenix, AZ. October 2017.
10. *Rima A. Mohammad*. "What's New in Opioid Induced Constipation." ACCP Annual Meeting. Phoenix, AZ. October 2017.
11. *Rima A. Mohammad*. "Surviving Sepsis and the ICU: What Pharmacists Need to Know." University of Michigan College of Pharmacy Rowe Lectures. Ann Arbor, MI. October 2019.
12. *Rima A. Mohammad*. "Innovative Management Practices in the Treatment of HCV Infection." ACCP Annual Meeting. New York, NY. October 2019.
13. *Rima A. Mohammad*. "Revolutionizing the care of ICU survivors and caregivers." ASHP Midyear Meeting. Las Vegas, NV. December 2019.
14. *Rima A. Mohammad*. "Improving Sepsis Survivorship: A Multidisciplinary Approach to Optimize Post-Sepsis Care." Sepsis Alliance. Webinar. February 2020.
15. *Rima A. Mohammad*. "Post-Acute Sequelae of COVID-19 (PASC): What Can Be Done In and After the ICU to Lower the Risk of "Long COVID"?" Society of Critical Care Medicine (SCCM). Webinar. April 2021.
16. *Rima A. Mohammad*. "Post-COVID-19 and Post-ICU." SCCM Northeast Chapter. Webinar. May/June 2021.
17. *Rima A. Mohammad*. "Impact of the COVID-19 Pandemic." ACCP Annual Meeting (virtual). November 2021.
18. *Rima A. Mohammad*. "Post-COVID-19 Services." SCCM. Webinar. April 2022.
19. *Rima A. Mohammad*. "Arab American Perspectives in Public Policy." University of Michigan Ford School. April 2023.

RESEARCH INTERESTS

Areas of research interest comprise of internal medicine and critical care pharmacotherapy which include: critical care and gastroenterology/hepatology.

Students and Residents** under my direction are indicated by the asterisk(s)*

PUBLICATIONS

PEER-REVIEWED ARTICLES

1. *Mohammad RA*, Klein KC. Inhaled amphotericin B for prophylaxis against invasive *Aspergillus* infections. Ann Pharmacother. 2006 Dec;40(12):2148-54.
2. *Mohammad RA*, Sweet BS, Mueller B, Perlman R, Stevenson JG. Outcomes of an erythropoietic growth factor interchange program in hospitalized chronic hemodialysis patients. Hosp Pharm. 2007;42(2):119-25.
3. Btaiche IF, *Mohammad RA*, Alaniz C, Mueller BA. Amino acid requirements in critically ill acute kidney injury patients treated with continuous renal replacement therapy. Pharmacotherapy. 2008;28(5):600-613.
4. Alaniz C, *Mohammad RA*, Welage L. Does continuous pantoprazole infusion combined with octreotide improve the management of variceal hemorrhage? Pharmacotherapy. 2009;29(3):248-254.
5. Airee A, Guirguis AB, *Mohammad RA*. Clinical outcomes and pharmacists' acceptance of a community hospital's anticoagulation management service utilizing decentralized clinical staff pharmacists. Ann Pharmacother. 2009;43(4):621-628.
6. Blair MM, Freitag RT, Keller DL, Kiser TH, Marrs JC, McGivney MS, *Mohammad RA*, Twedt EL. ACCP white paper: proposed revision to the existing specialty and specialist certification framework for pharmacy practitioners. Pharmacotherapy. 2009;29(2):3e-13e.
7. Corman SL, *Mohammad RA*. Eltrombopag: A novel oral thrombopoietin receptor agonist. Ann Pharmacother. 2010;44:1072-1079.
8. *Mohammad RA*. Use of granulocyte colony-stimulating factor in critically ill patients with severe sepsis and septic shock. Am J Health Syst Pharm. 2010;67:1238-45.
9. Alaniz C, *Mohammad RA*, Welage LS. High-dose proton pump inhibitors in patients with variceal hemorrhage. Arch Intern Med. 2010;170(18):1698.
10. *Mohammad RA*, Goldberg T, Dorsch MP, Cheng JWM. Antiplatelet therapy after drug-eluting stent placement. Clin Ther. 2010;32(14):2265-81.
11. Kim JJ**, Culley CM, *Mohammad RA*. Telaprevir: A novel oral protease inhibitor for hepatitis C virus infection. Am J Health Syst Pharm. 2012;69:19-33.
12. *Mohammad RA*, Regal R, Alaniz C. Combination therapy for the treatment and prevention of hepatic encephalopathy. Ann Pharmacother. 2012 Nov;46(11):1559-63.
13. American College of Clinical Pharmacy (ACCP), Kirwin J, Canales AE, Bentley ML, Bungay K, Chan T, Dobson E, Holder RM, Johnson D, Lilliston A, *Mohammad RA*, Spinler SA. ACCP white paper: process indicators of quality pharmacist services in various types of transitions of care. Pharmacotherapy. 2012 Nov;32(11):e338-47.

14. Kim JJ**, *Mohammad RA*, Coley KC, Donihi AC. Use of an iPad to provide warfarin video education to hospitalized patients. Journal Patient Saf. 2014 Feb 11. [Epub ahead of print]
15. Smith MA**, Johnson HJ, Chopra KB, Dunn MA, Ulrich AM, *Mohammad RA*. Incidence and management of rash in telaprevir-treated patients: lessons for simeprevir? Ann Pharmacother. 2014 Jun 17;48(9):1166-1171.
16. Smith MA**, *Mohammad RA*, Benedict N. Use of virtual patients to promote active, patient-centered learning in an advanced pharmacy therapeutics course. Am J Pharm Educ. 2014; 78 (6) Article 125.
17. Smith MA, *Mohammad RA*. Vedolizumab: a $\alpha\beta7$ integrin inhibitor for inflammatory bowel diseases. Ann Pharmacother. 2014 Dec;48(12):1629-1635.
18. *Mohammad RA*, Bulloch MN, Chan J, Love B, Smith L, Deming P. ACCP infectious disease and gastrointestinal, liver, and nutrition practice and research network opinion paper: pharmacy services focused in the area of hepatitis C viral infections. Pharmacotherapy. 2014 Dec;34(12):1341-54.
19. Smith MA, Chan J, *Mohammad RA*. Ledipasvir-sofosbuvir: interferon-/ribavirin-free regimen for chronic hepatitis C virus infection. Ann Pharmacother. 2015 Mar;49(3):343-350.
20. Smith MA, *Mohammad RA*. Invited commentary: Ledipasvir and sofosbuvir for hepatitis C genotype 4: a proof of concept phase 2a cohort study. Lancet Infect Dis. 2015 Sep;15(9):993-5
21. Smith MA, Love BL, *Mohammad RA*. The changing landscape of adverse drug events associated with chronic hepatitis C virus therapy. Expert Opin Drug Saf. 2015 Nov;14(11):1649-52.
22. Smith MA, Regal RE, *Mohammad RA*. Daclatasvir: A NS5A replication complex inhibitor for hepatitis C infection. Ann Pharmacother. 2016 Jan;50(1):39-46.
23. Deming P, Martin MT, Chan J, Dilworth TJ, El-Lababidi R, Love BL, *Mohammad RA*, Nguyen A, Spooner LM, Wortman SB. Therapeutic advances in HCV genotype 1 infection: insights from the society of infectious diseases pharmacists. Pharmacotherapy. 2016 Feb;36(2):203-17.
24. DiPaula B, *Mohammad RA*, Ayers P, Basalyga V, Burton A, Bush C, Farthing K, Marshall V, Shah B. Residents as preceptors and education: what we can learn from a national survey to improve our residency programs. Currents in Pharmacy Teaching and Learning. Curr Pharm Teach Learn. 2018 Jan - Feb;10(1):21-27.
25. Coe AB, Bookstaver RE, Fritschle AC, Kenes MT, MacTavish P, *Mohammad RA*, Simonelli RJ, Whitten JA, Stollings JL. (2019) Pharmacists' perceptions on their role, activities, facilitators,

and barriers to practicing in a post-intensive care recovery clinic. Hospital Pharmacy. <https://doi.org/10.1177/0018578718823740>.

26. *Mohammad RA*, Ellingrod VL, Bleske BE. Implementing and evaluating virtual patient cases within a team-based learning pedagogy in a therapeutics course sequence. JACCP. 2019; 2(2);143-149.
27. Kosinski S, *Mohammad RA*, Pitcher M, Haezebrouck E, Coe AB, Costa DK, Prescott HC, Iwashyna TJ, McSparron JI. What is Post-Intensive Care Syndrome (PICS)? Am J Respir Crit Care Med. 2020 Apr 15;201(8):P15-P16.
28. *Mohammad RA*, Betthausen KD, Korona RB, et al. Clinical pharmacist services within intensive care unit recovery clinics: An opinion of the critical care practice and research network of the American College of Clinical Pharmacy. J Am Coll Clin Pharm. 2020; 1– 11. <https://doi.org/10.1002/jac5.1311>.
29. *Mohammad RA*. Part I: Inflammatory bowel disease. J Am Coll Clin Pharm. 2020;8(3):1514-19.
30. McConachie SM, Claudia MH, Raub JN, *Mohammad RA*, Wilhelm SM. The impact of multiple renal estimates on pharmacist dosing recommendations: a randomized trial. Ann Pharmacother. 2021 Jan;55(1):25-35.
31. Sabourin AA*, Fisher-Grant KK, Saulles AR, *Mohammad RA*. Evaluation of a specialty hepatitis C virus pharmacy service. Am J Health Syst Pharm. 2021 (in press)
32. Jones A*, Clark J, *Mohammad RA*. Burnout and secondary traumatic stress in health-system pharmacists during the COVID-19 pandemic. Am J Health Syst Pharm. 2021 May 24;78(Supplement_2):S38-S45.
33. Ismail H, Marshall VD, Patel M, Tariq M, *Mohammad RA*. The impact of the COVID-19 pandemic on medical conditions and medication adherence in people with chronic diseases. J Am Pharm Assoc. 2021 Nov 15:S1544-3191(21)00474-X.
34. *Mohammad RA*, Nguyen CT, Costello PG, Poyant JO, Yan Amy Yeung S, Landolf K, Kim A, Artman KL, Taylor DC, Kenes MT, Alkhateeb T, Stollings JL. Medication Changes and Diagnosis of New Chronic Illnesses in COVID-19 Intensive Care Unit Survivors. Ann Pharmacother. 2022 Jan 13:10600280211063319.
35. Louissaint J, Grzyb K, Bashaw L, *Mohammad RA*, Parikh ND, Tapper EB. An Electronic Decision Support Intervention Reduces Readmissions for Patients with Cirrhosis. Am J Gastroenterol. 2022 Mar 1;117(3):491-494.
36. *Mohammad RA*, Jones AJ, Clark JS. Changing patterns of the prevalence of burnout and secondary traumatic stress in health-system pharmacists throughout the COVID-19 pandemic. J Am Coll Clin Pharm. In Press.

37. *Mohammad RA, Eze C*, Marshall VD, et al.* The impact of a clinical pharmacist in an interprofessional intensive care unit recovery clinic providing care to intensive care unit survivors. Journal of the American College of Clinical Pharmacy. 2022;5(10):1027-1038.
38. Stollings JL, et al. An international, multicenter evaluation of comprehensive medication management by pharmacists in ICU recovery centers. Journal of Intensive Care Medicine. 2023 Oct;38(10):957-965.
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1. Reviewer. Viral Hepatitis. In: Pharmacotherapy Principles & Practice, 4th ed.
2. Reviewer. Pharmacogenetics of Hepatitis C Treatment. In: ACCP Pharmacogenomics, 3rd ed.
3. Reviewer. Viral Hepatitis. In: Pharmacotherapy Principles & Practice, 5th ed.
4. Faculty Panel Chair. ACCP ACSAP 2020 Book Series: Gastroenterology.
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NON-REFEREED PUBLICATIONS

1. Pharmacy and Therapeutics Committee Formulary review: Telaprevir. (Incivik®). UPMC Health System. 2011
2. Pharmacy and Therapeutics Committee Formulary review: Hepatorenal Syndrome. UPMC Health System. 2011**
3. Pharmacy and Therapeutics Committee Formulary review: Vitamin K review (an update and protocol). UPMC Health System. 2011
4. Pharmacy and Therapeutics Committee Formulary review: Rifaximin. UPMC Health System. 2012**
5. Pharmacy and Therapeutics Committee Formulary review: Sofosbuvir. Michigan Medicine. 2014**
6. Pharmacy and Therapeutics Committee Formulary review: Simeprevir. Michigan Medicine. 2014**
7. Practice Update: Expert Invited Commentary. Drug-Drug Interactions with Paritaprevir/Ritonavir, Ombitsvir and Dasabuvir - Practical Perspectives for the Treatment of Hepatitis C. 2015
8. Pharmacy and Therapeutics Committee Guideline review: Insulin in TPN Guidelines. Michigan Medicine. 2016
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SELECT ABSTRACTS AND SCIENTIFIC PRESENTATIONS AT MEETINGS

1. *Mohammad RA*, Stevenson JG, Mueller B, Sweet B, Perlman R. Clinical and financial outcomes of a therapeutic interchange program for erythropoietic growth factors in adult hemodialysis patients. ASHP Midyear Clinical Meeting and University Health System Consortium. Orlando, FL. December 2004.
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3. Draper HM, *Mohammad RA*, DeYoung GR. Adherence with advanced cardiac life support guidelines during in-hospital cardiac arrest: a role for clinical pharmacy. ACCP Spring Practice and Research Forum. Memphis, TN. April 2007.
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16. Swintek LM*, Smith MA**, Johnson HJ, Dunn MA, Chopra K, Sweeney A, *Mohammad RA*. Evaluation of the clinical impact of the calcium channel blockers – direct-acting antivirals interaction in patients with chronic hepatitis C viral infection. ASHP Midyear Clinical Meeting. Las Vegas, NV. December 2012.
17. Smith MA**, Johnson HJ, Chopra K, Dunn M, Ulrich AM, *Mohammad RA*. Evaluating the incidence and management of telaprevir-induced rash. ASHP Midyear Clinical Meeting. Las Vegas, NV. December 2012.
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30. Luczak C**, Katz C, *Mohammad RA*. Measuring hepatitis C virus drug treatment adherence in patients that use intravenous drugs. ASHP Midyear Clinical Meeting. Las Vegas, NV. December 2016.
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32. Carrol DG, Bingham A, Chamberlin K, Mohammad R, Williams NT. Interprofessional Education (IPE) Activities at Colleges and Schools of Pharmacy in the United States (US). American Association of Colleges of Pharmacy. Nashville, TN. July 2017.
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GRANTS

2019	Impact of Traditional Versus Virtual Simulation Education for Pharmacists on Aminoglycoside Pharmacokinetic Dosing and Monitoring. University of Michigan Center for Research on Learning and Teaching (CRLT) Grant. Principle Investigator. \$500. Funded.
2019 - 2022	Post Intensive Care Unit (ICU) Longitudinal Survivor Experience [PULSE] Clinic: Evaluation of An Interprofessional Approach to Providing Care to Intensive Care Unit Survivors and Caregivers. University of Michigan Health Sciences Council. Principle Investigator. \$60,000. Funded.
2010 - 2012	Collaborating and Advancing Relationships: Pharmacist Advocates in Care Transitions (CARE PACT). Jewish Healthcare Foundation. Co-Investigator. \$93,000. Funded.