

Curriculum Vitae

Rima Assad Mohammad, PharmD, BCPS

PERSONAL DATA

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EDUCATION

2005 - 2006 Post-Graduate Year 2 (PGY2) Specialty Residency in Critical Care
University of Michigan Health System
Ann Arbor, MI

2004 - 2005 Post-Graduate Year 1 (PGY1) Pharmacy Practice Residency
University of Michigan Health System
Ann Arbor, MI

2000 - 2004 Doctorate of Pharmacy
University of Cincinnati
College of Pharmacy
Cincinnati, OH

APPOINTMENTS AND POSITIONS

ACADEMIC

2014 - Present 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

- 2014 - Present Clinical Pharmacist, General Surgery/Nutrition
University of Michigan Health System (UMHS)
Ann Arbor, MI
- 2011 - 2013 Clinical Pharmacist, Inpatient and Outpatient Hepatology
UPMC
Pittsburgh, PA
- 2009 - 2013 Clinical Pharmacist, Internal Medicine
UPMC
Pittsburgh, PA
- 2007 - 2009 Clinical Pharmacist, Surgical Intensive Care and Internal Medicine
Mount Sinai Medical Center
New York, NY
- 2006 - 2007 Clinical Pharmacist, 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

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 American College of Clinical Pharmacy (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
2003 Ohio Society of Health-Systems Pharmacists Student Award

MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

2007 - 2009 New York State and City Society of Health-System Pharmacists
2005 - 2010 Society of Critical Care Medicine (SCCM)
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 - Present American Society of Health-System Pharmacists
2001 - 2006 American Pharmacists Association

TEACHING RESPONSIBILITIES

UNIVERSITY OF MICHIGAN COLLEGE OF PHARMACY, 2014 - Present

Professional Courses

COORDINATOR

2014 - Present Therapeutics Lab [PHARMACY 531 and 532]
Lab Course Co-Coordinator

DIDACTIC

2014 - Present Therapeutics [PHARMACY 532]
Lecturer, Chronic Liver Disease (2015)
Lecturer, Intro to Hepatology (2015)
Lecturer, DILI (2015)
Lecturer, Inflammatory Bowel Disease (2015)
Lecturer, Viral Hepatitis (2014, 2015)
Facilitator, Hepatology labs (2014, 2015)

EXPERIENTIAL

- 2014 - Present UMHS, Ann Arbor, MI
Introductory Pharmacy Practice Experience (IPPE) Rotation Preceptor
General Surgery/Nutrition
- 2014 - Present UMHS, Ann Arbor, MI
Advanced Pharmacy Practice Experience (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 (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
Internal Medicine, Critical Care, 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

UMHS, UNIVERSITY HOSPITAL, 2014 - Present

Residency Responsibilities

2014 - Present Nutrition Rotation

2014 - Present General Surgery Rotation

Post-Doctoral Resident Supervision

2014 - 2015 Jennifer Lashinsky, Critical Care Resident
Natalia Jasiak, Transplant Resident
Lisa Albrecht, Pharmacy Practice Resident

Residency Mentor

2014 – 2015 Beejal Ganti

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 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

Residency Advisor

- 2012 – 2013 Michael Smith
- 2011 – 2012 Amanda Lin
- 2010 – 2011 Jenny Kim

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
Internal Medicine and Critical Care - Elective

Post-Doctoral Resident Supervision

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

SERVICE

COMMITTEES

PROFESSIONAL ORGANIZATIONS

Local

- 2014 - Present 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

- 2013 - Present 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 - Present 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 - Present 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

2014 - Present Member, International Affairs Committee
University of Michigan College of Pharmacy

2014 - Present Member, Therapeutic Problem Solving (ad Hoc)
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

2014 - Present Member, Nutrition Advisory Committee
University of Michigan Hospitals and Health Centers

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
University of Michigan Hospitals and Health Centers

2005 - 2006 Pharmacy Chief Resident
University of Michigan Hospitals and Health Centers

JOURNAL REVIEWER

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

SERVICE PROJECTS

UPMC

2012 - 2013 Inpatient Hepatology Pharmacy Service (development and implementation)

2010 - 2013 Hepatitis C virus (HCV) Ambulatory Pharmacy Service (development and implementation)

2010 - 2012 Transitions of Care Pharmacy Service (development and implementation)

Mount Sinai Medical Center

2007 - 2009 Surgical Intensive Care Unit Pharmacy Service (development and implementation)

University of Tennessee Medical Center

2006 - 2007 Emergency Department Pharmacy Practice (development and implementation)

OTHER

2007 - 2009 Medical Reserve Corp - New York City Chapter
2005 Hypertension Screening and Management
University of Michigan Hospitals and Health Centers
2004 National Pharmacy Week and Health Screening
University of Michigan Hospitals and Health Centers

PRESENTATIONS

INVITED PLATFORM 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.

LOCAL CONTINUING EDUCATION CERTIFIED PROGRAMS

1. *Rima A. Mohammad*. "Targeting Invasive Aspergillosis with Inhaled Amphotericin B." University of Michigan Hospitals and Health Centers. Ann Arbor, MI. January 2005.
2. *Rima A. Mohammad*. "Amino Acid Requirements in Critically Ill Acute Renal Failure Patients Treated with Continuous Renal Replacement Therapy." University of Michigan Hospitals and Health Centers. Ann Arbor, MI. January 2006.

RESEARCH INTERESTS

Areas of research interest comprise of internal medicine and critical care pharmacotherapy which include: infectious disease and gastroenterology/hepatology. I am involved in research in these areas, primarily focused in pharmacotherapy of chronic liver disease.

RESEARCH

1. *Rima A. Mohammad*, Michael Doherty. "Identifying the prevalence and control of metabolic syndrome in patients with diabetes." Principal Investigator. IRB approved. 2003.
2. *Rima A. Mohammad*, Burgunda Sweet, Bruce Mueller, Rachel Perlman, James G. Stevenson. "Clinical and financial outcomes of a therapeutic interchange program for erythropoietic growth factors in adult hemodialysis patients." Principal Investigator. IRB approved. 2004.
3. *Rima A. Mohammad*, Cesar Alaniz, Lynda Welage. "Comparison of octreotide verses octreotide and continuous infusion pantoprazole in the treatment of variceal hemorrhage." Principal Investigator. IRB approved. 2005.
4. Ephigene Banzuelo, Stacy Ell, Chi Yan Mui, Jennifer L. Huang, *Rima A. Mohammad*. "Development and implementation of Phi Lambda Sigma mentorship program among first professional year pharmacy students." Co-investigator and project mentor. 2008.
5. Jenny J. Kim, Colleen Culley, *Rima A. Mohammad*. "Evaluation of the diagnosis and treatment of type 1 and type 2 hepatorenal syndrome in hospitalized patients." Co-investigator and project mentor. Quality Improvement (QI) Committee approved. 2010.
6. Jenny J. Kim, *Rima A. Mohammad*, Kim C. Coley, Amy C. Donihi. "Use of an iPad to provide warfarin video education to hospitalized patients." Co-investigator and project mentor. QI Committee approved. 2010.
7. Kim C. Coley, *Rima A. Mohammad*, Amy C. Donihi, Patricia D. Kroboth. "Pharmacists as Advocates in Care Transitions." Co-investigator. QI committee approved. 2010.

8. *Rima A. Mohammad*, Jenny J. Kim, Amy C. Donihi, Kim C. Coley. "Impact of hospital-based pharmacist advocates in care transitions: identification and description of medication related interventions after patient discharge from hospital to home." Co-investigator. QI Committee approved. 2010.
9. Gretchen Kipp, *Rima A. Mohammad*, Amanda Lin, Heather Johnson. "Evaluation of pharmacist identified and mitigated drug-drug interactions in hepatitis C virus infected patients starting telaprevir or boceprevir." Co-investigator and project mentor. QI Committee approved. 2011.
10. Amanda Lin, *Rima A. Mohammad*, Kim C. Coley, Amy C. Donihi. "Impact of an interdisciplinary inpatient diabetes education process on patient understanding and adherence." Co-investigator. QI Committee approved. 2011.
11. Amanda Lin, Colleen M. Culley, Heather Johnson, Laura Mincemoyer, *Rima A. Mohammad*. "Evaluation of drug therapy in the treatment of hepatic encephalopathy in a large academic medical center." Co-investigator and project mentor. QI Committee approved. 2011.
12. Michael Smith, *Rima A. Mohammad*, Neal Benedict. "Virtual patients in the classroom to improve student learning." Co-investigator. IRB approved. 2012.
13. Vicki Ellingrod, *Rima A. Mohammad*, Barry Bleske. "Decision Sim in the Classroom." Co-investigator. IRB exempt. 2014.
14. *Rima A. Mohammad*, Simona Butler, Krystal Sing, Melissa Pleva, Scott Ciarkowski, Roma Gianchandani. "Evaluating the impact of glucose variability in patients receiving parenteral nutrition (TPN)." Principle investigator. IRB exempt. 2015.

PUBLICATIONS

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

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 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.

BOOK CHAPTERS

1. *Mohammad RA*, Eschenauer GA, Matzke GR. Drug Dosing in the Patient with Acute Renal Failure. In Vincent JL, Abraham E, Moore FA, Kochanek PM, Fink MP (eds): Textbook of Critical Care, 6th ed. Philadelphia, PA, Elsevier Saunders, 2011.
2. *Mohammad RA*. Complications of Chronic Liver Disease. In: ACCP Pharmacotherapy Self-Assessment Program (PSAP), 7th ed., Book 11: Gastroenterology/Nutrition. 2012.
3. *Mohammad RA*, Matzke GR. Drug Therapy Individualization for Patients with Chronic Kidney Disease. In Joseph T. DiPiro, Robert L. Talbert, Gary C. Yee, Gary R. Matzke, Barbara G. Wells, L. Michael Posey: Pharmacotherapy : A Pathophysiologic Approach, 9th ed. McGraw-Hill Medical. 2014.
4. *Mohammad RA*, Regal RE. Viral Hepatitis C. In Terry Schwinghammer, Julia Koehler: Pharmacotherapy Casebook: A Patient-Focused Approach, 9th ed. 2015.
5. *Mohammad RA*, Smith MA. Advances in Biologic Therapies for Gastrointestinal Diseases. In: ACCP Pharmacotherapy Self-Assessment Program (PSAP), 2013-2015, Book 2: Chronic Illnesses. 2014.

BOOK CHAPTERS REVIEWED

1. Viral Hepatitis. In: Pharmacotherapy Principles & Practice, 4th ed.
2. Pharmacogenetics of Hepatitis C Treatment. In: ACCP Pharmacogenomics, 3rd ed.

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. University of Michigan Hospitals and Health Centers. 2014**
6. Pharmacy and Therapeutics Committee Formulary review: Simeprevir. University of Michigan Hospitals and Health Centers. 2014**

IN PROGRESS

1. Lin A**, *Mohammad RA*. Milk thistle in liver disease. 2012. (In preparation)
2. Smith MA**, *Mohammad RA*. Management of adverse effects related to hepatitis C virus infection therapy. 2013 (In preparation)
3. Coley KC, *Mohammad RA*, Donihi AC, Kroboth PD. CARE PACT: Collaborating and advancing relationships: pharmacist advocates in care transitions. 2013 (In preparation)

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.
2. *Mohammad RA*, Doherty M. Identifying the prevalence and control of metabolic syndrome in patients with diabetes. APhA National Meeting. Orlando, FL. April 2005.
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.
4. *Mohammad RA*, Smigel J, Tripp B, Alaniz C, Welage L. Comparison of octreotide versus octreotide and continuous infusion pantoprazole in the treatment of variceal hemorrhage. ACCP Spring Practice and Research Forum. Memphis, TN. April 2007.
5. Kwar K*, *Mohammad RA*. A case report: valproic acid-induced liver failure. ASHP Midyear Clinical Meeting. Orlando, FL. December 2008.
6. Banzuelo EK*, Ell S*, Mui CY*, Huang J, *Mohammad RA*. Development and implementation of Phi Lambda Sigma mentorship program among first professional year pharmacy students. ASHP Midyear Clinical Meeting. Orlando, FL. December 2008.

7. Kim JJ**, *Mohammad RA*, Coley KC, Donihi AC. Use of an iPad to provide warfarin video education to hospitalized patients. ACCP Annual Meeting. Pittsburgh, PA. October 2011.
8. *Mohammad RA*, Kim JJ, Donihi AC, Coley KC. Impact of hospital-based pharmacist advocates in care transitions: identification and description of medication related interventions after patient discharge from hospital to home. ACCP Annual Meeting. Pittsburgh, PA. October 2011.
9. Lin A**, Culley CM, Johnson H, Mincemoyer L*, *Mohammad RA*. Evaluation of drug therapy in the treatment of hepatic encephalopathy in a large academic medical center. ASHP Midyear Clinical Meeting. New Orleans, LA. December 2011.
10. McCartney L*, Johnson H, Kipp G**, Lin A**, *Mohammad RA*. Design of a drug interaction reference chart for new, direct acting antiviral therapy agents for hepatitis C virus. ASHP Midyear Clinical Meeting. New Orleans, LA. December 2011.
11. Kipp G**, *Mohammad RA*, Lin A**, Johnson H. Evaluation of pharmacist identified and mitigated drug-drug interactions in hepatitis C virus infected patients starting telaprevir or boceprevir. ASHP Midyear Clinical Meeting. New Orleans, LA. December 2011.
12. Coley KC, *Mohammad RA*, Kim JJ, Donihi AC, Kroboth PD. Pharmacist-centered hospital to home care transition initiative improves patient outcomes. ACCP Annual Meeting. Hollywood, FL. October 2012. (Platform)
13. Lin A**, *Mohammad RA*, Coley KC, Donihi AC. Impact of an interdisciplinary inpatient diabetes education process on patient understanding and adherence. ACCP Annual Meeting. Hollywood, FL. October 2012.
14. Coley KC, Donihi AC, *Mohammad RA*, Kim JJ, Kroboth PD. Use of a Medication Access and Adherence Tool (MAAT) to identify patients at high risk for medication-related problems. ACCP Annual Meeting. Hollywood, FL. October 2012.
15. Kipp G**, *Mohammad RA*, Lin A**, Johnson H. Evaluation of pharmacist identified and mitigated drug-drug interactions in hepatitis C virus infected patients starting telaprevir or boceprevir. American Association for the Study of Liver Diseases Liver Meeting. Boston, MA. November 2012.
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.

18. Claar CL*, Diehl EM, Johnson HJ, *Mohammad RA*, Ulrich A, Chopra K. Hemoglobin levels prior to hepatitis c genotype 1 treatment as an indicator of anemia development. ASHP Midyear Clinical Meeting. Las Vegas, NV. December 2012.
19. Diehl EM*, Claar CL, *Mohammad RA*, Sweeney A, Chopra K, Johnson HJ. Anemia as a predictor of sustained virologic response in patients receiving hepatitis c genotype 1 treatment. ASHP Midyear Clinical Meeting. Las Vegas, NV. December 2012.
20. Smith MA, Johnson HJ, Ulrich AM, Chopra K, Dunn M, *Mohammad RA*. Evaluating the incidence and management of telaprevir-induced rash. ACCP Annual Meeting. Albuquerque, NM. October 2013.
21. Doherty A*, Hatfield J*, *Mohammad RA*, Johnson H. Development and implementation of contraception education for undergraduate sororities. ASHP Midyear Clinical Meeting. New Orleans, LA. December 2013.

GRANTS

- | | |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010 - 2012 | Collaborating and Advancing Relationships: Pharmacist Advocates in Care Transitions (CARE PACT). Jewish Healthcare Foundation. Co-Investigator. \$93,000. |
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