

Maya C Wai, PharmD, BCPS

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PHARMACIST LICENSURE

- 2018-present **Arkansas Board of Pharmacy**
Pharmacist Active: PD14500. Issued 6/4/18.
- 2013-present **Ohio Board of Pharmacy**
Pharmacist Active: 03233046-2. Issued 7/24/13.
- 2013-2017 **North Carolina Board of Pharmacy**
Pharmacist Inactive: 23363. Issued 6/20/13.

EDUCATION/TRAINING

- 2014-2015 **PGY2 Drug Information Residency**
Cleveland Clinic, Cleveland, OH
Residency Program Director: Meghan Lehmann, PharmD, BCPS
- 2013-2014 **PGY1 Pharmacy Practice Residency**
Cleveland Clinic, Cleveland, OH
Residency Program Director: Katie Greenlee, PharmD, BCPS
- 2009-2013 **Doctor of Pharmacy**
With Highest Honors and Distinction
University of North Carolina (UNC) at Chapel Hill, Eshelman School of Pharmacy (ESOP)
- 2007-2009 **Master of Science: Chemistry**
Tennessee State University, Nashville, TN
- 1998-2002 **Bachelor of Arts: Biology & Chemistry**
Claremont McKenna College, Claremont, CA

PHARMACY WORK EXPERIENCE

- 2019-present **Assistant Professor of Pharmacy Practice, Internal Medicine**
University of Arkansas Medical Sciences (UAMS) Northwest campus, Fayetteville, AR
Clinical practice site at Mercy Hospital in Rogers AR. Round with Internal Medicine medical residents team, actively review patient charts to identify, prevent, resolve medication therapy problems, including drug interactions, renal dose adjustments, therapeutic drug monitoring, appropriate dosing for indications, medication reconciliation. Precept pharmacy students and residents on acute care clinical rotations, facilitate topic discussions, journal club presentations, and patient case presentations. Lecture in the P2 Therapeutics I and P3 Evidence-Based Medicine courses, submit articles for peer-reviewed publication, serve on committees for the college of pharmacy, and attend workshops and conferences for professional development.
- 2018-2019 **Clinical Pharmacist**
Mercy Hospital, Rogers, AR
Reviewed patient profiles for drug therapy interventions, communicated with providers and recommended changes to drug therapy (e.g. renal dose adjustments, IV to PO,

formulary alternatives, etc.), pharmacokinetic consults and monitoring (e.g., vancomycin, anticoagulation), conducted medication histories and reconciliations, verified medication orders, prepared neonatal TPNs and selected IV chemotherapy, dispensed medications, checked and reviewed pharmacy technician's work.

Director: David Fortner, PharmD, BCPS

- 2015-2018 **Drug Information Pharmacist**
Cleveland Clinic, Cleveland, OH
Answered drug information and formulary questions from the Cleveland Clinic Health System (CCHS), participated in Pharmacy and Therapeutics Committee and CCHS Clinical Integration Committee, implemented CCHS formulary additions and restrictions, collaborated with Informatics and Automation teams to implement formulary changes in Epic and smart pumps, upheld and reviewed drug use policies, integrated and standardized drug products and drug concentrations across the CCHS, communicated and assisted with drug shortages and recalls management.
Manager: Mandy Leonard, PharmD, BCPS
- 2013-2018 **Inpatient Weekend Staffing**
Cleveland Clinic, Cleveland, OH
Managers: Erick Sokn, PharmD, BCPS and Jonathan Meli, PharmD
- 2009-2010 **Pharmacy Intern**
CVS Caremark Corporation, Chapel Hill, NC
Manager: Chris Bowen, RPh
- 2008-2009 **Pharmacy Technician**
CVS Caremark Corporation, Nashville, TN
Manager: Jake Nevels, PharmD

TEACHING EXPERIENCE

- 2021-present **Lecturer, PPHR 7203 Therapeutics I**
UAMS, Fayetteville, AR
Lecture hours: 2021 (6 hours), 2022 (12 hours), 2023 (16 hours), 2024 (16 hours).
Lecture topics: calcium, phosphate, kidney function, acute kidney injury, dialysis, renal dose adjustment, liver dysfunction, related complications, gastrointestinal bleeding.
- 2021-present **Lecturer, PPHR 7303 Evidence-Based Medicine, Biostatistics, Pharmacoeconomics**
UAMS, Fayetteville, AR
Lecture hours: 2021 (2 hours), 2022 (2 hours), 2023 (2 hours), 2024 (2 hours). Lecture topics: clinical practice guidelines, levels of evidence. Journal clubs: 2021 (8 hours), 2022 (6 hours), 2023 (6 hours), 2024 (10 hours).
- 2021-present **Course Co-coordinator, PPHR 7302 Therapeutics II**
UAMS, Fayetteville, AR
Coordinate, communicate, proctor P3 students on the Northwest campus for their OSCE examinations and exam item reviews.
- 2022-present **Course coordinator and Instructor, PPHR Special Problems in Clinical Practice**
UAMS, Fayetteville, AR
Coordinate, instruct, facilitate research, medication use in the hospital setting.

2020-present	<p>Preceptor, Internal Medicine, UAMS APPE students and Mercy Hospital PGY1 Pharmacy Residents <i>Mercy Hospital, Rogers, AR</i> Precept pharmacy students and residents on acute care clinical rotations, facilitating topic discussions, journal club presentations, and patient case presentations.</p>
2015-2018	<p>Preceptor, Drug Information Services, PGY1 and PGY2 Pharmacy Residents <i>Cleveland Clinic, Cleveland, OH</i> Precepted pharmacy residents and students on systematic approach to answering drug information questions, literature evaluation, biostatistics review, monograph preparation, newsletter writing, and journal club presentations.</p>
2015-2018	<p>Guest Lecturer/Presenter <i>Cleveland Clinic, Cleveland, OH</i> Advanced Practice Nursing workshop, health system medical residents, NEOMED and University of Findlay Colleges of Pharmacy</p>
2008-2009	<p>Teaching Assistant, Undergraduate Organic Chemistry <i>Tennessee State University, Nashville, TN</i></p>
2006-2007	<p>Chemistry Teacher <i>Hillsboro High School, Nashville, TN</i></p>
2002-2006	<p>Biology and Chemistry Teacher <i>Los Angeles Senior High School, Los Angeles, CA</i> Teach for America Corps Member (2002-2004)</p>

RESEARCH EXPERIENCE

2015-2018	<p>Preceptor, PGY1 Pharmacy Residents research projects <i>Cleveland Clinic, Cleveland, OH</i></p> <ul style="list-style-type: none"> • Provide guidance and feedback on research project study design, methods, and data analysis as needed.
2014-2015	<p>PGY2 Residency Research Project <i>Cleveland Clinic, Cleveland, OH</i></p> <ul style="list-style-type: none"> • Evaluated pharmacogenomic active and passive clinical decision support for low-activity <i>TPMT</i> on prescribing practices (Advisor: J. Kevin Hicks, PharmD, PhD)
2013-2014	<p>PGY1 Residency Research Project <i>Cleveland Clinic, Cleveland, OH</i></p> <ul style="list-style-type: none"> • Evaluated Risk Evaluation Mitigation Strategy (REMS) program for Transmucosal Immediate Release Fentanyl (TIRF) products (Advisor: Katie Stabi, PharmD, BCPS)
2012-2013	<p>Research Student, Clinical Scholars Program <i>UNC Hospitals and UNC Eshelman School of Pharmacy, Chapel Hill, NC</i></p> <ul style="list-style-type: none"> • Retrospective chart review for chronic heart failure medications (Advisor: Betsy Shilliday, PharmD, CDE, CPP)
2011-2013	<p>Research Student, Honors Program <i>UNC Eshelman School of Pharmacy, Chapel Hill, NC</i></p> <ul style="list-style-type: none"> • Pharmacokinetic study of dolutegravir in healthy women volunteers (Advisor: Angela Kashuba, PharmD)

- Summer 2010 **Summer Intern**
National Institutes of Health, Bethesda, MD
- Developed aseptic lyophilization products and validated sterility of process for investigational drugs. (Advisor: Haksong Jin, PharmD)
- 2008-2009 **Master of Science Thesis**
Tennessee State University, Nashville, TN
- *Microwave-Irradiated Benzoylation Reactions and Coupling Reactions.* Synthesized benzophenone derivatives with microwave irradiation and AlCl₃ or Pd catalyst (Advisor: Mohammad Al-Masum, PhD)
- 2007-2008 **Graduate Research Assistant**
Tennessee State University, Nashville, TN
- Ethanol effects on hypertensive vascular smooth muscle cells (Advisor: Benny Washington, PhD)
- 2001-2002 **Bachelor of Arts Honors Thesis**
Claremont McKenna College, Claremont, CA
- *Construction of Plasmids for the Cellular Localization of Bacterial Plasmid RK2 Protein PAR B* (Advisor: Erik P Johnson, PhD)

EDITOR/PEER REVIEWER EXPERIENCE

2023-present	Peer Reviewer, American Journal of Health-System Pharmacy
2023-present	Peer Reviewer, Journal of Pharmacy Technology
2014-2018	Editor, Ohio College of Clinical Pharmacy Vitals Newsletter
2015-2018	Associate Editor, Cleveland Clinic Clinical Rx Forum

PEER REVIEWED PUBLICATIONS

- **Wai M**, Dayer L., Heldenbrand S, Wai J. Preceptor Perceptions of the Layered Learning Practice Model in a Rural State. *Pharmacy Education*. *Accepted*.
- Johnson C, Smith M, **Wai M**, Balli M. A comparison of unique residency preparation interventions and their effect on residency match results. *Currents in Pharmacy Teaching and Learning*. *Accepted*.
- **Wai M**. Drug Shortage and Ethical Issues: Integrating Multidisciplinary Perspectives with a Shared Ethical Framework. *Pharmacy* 2024;12(5):136. <https://doi.org/10.3390/pharmacy12050136>.
- Holland A, **Wai M**, Kimbrow L, Strahan K, Brewer R. Escape Room with a Twist: Designing an Interprofessional, Active Learning Experience with a Focus on Specific Healthcare Professions. *Journal of Allied Health*. 2024 Fall;53(3):e177-e181. PMID: 39293017
- Pace A, **Wai M**, Frye E. Implementation of a Tenecteplase Protocol for the Treatment of Acute Ischemic Stroke in a Health System. *Innovations in Pharmacy*. 2024;15(1):article 7.
- Berry M, Gustafson A, **Wai M**, Luli A. Evaluation of an Outpatient Pharmacist Consult Service at a Large Academic Medical Center. *Innovations in Pharmacy*. 2021;12(2):article 13.
- Tarasiuk N, Parker M, Russo-Alvarez G, Cristiani C, **Wai M**. Hospital admission rates of patients enrolled in pharmacist vs nurse anticoagulation management services. *Journal of the American College of Clinical Pharmacy*. 2018;1(2):62-67.
- Waldron M, Zembillas A, Kusick K, **Wai M**, Hanna R, Anderson P. Safety and efficacy of fosaprepitant in pediatric patients for prevention of chemotherapy induced nausea and vomiting. *Journal of Clinical Oncology*. 2017;35:15_suppl, e22023.
- Lam SW, **Wai M**, Lau J, McNamara M, Earl M, Udeh B. Cost-Effectiveness Analysis of Second Line Chemotherapy Agents for Advance Gastric Cancer. *Pharmacotherapy*. 2017;37(1):94-103.

- Hicks JK, Stowe D, Willner MA, **Wai M**, Daly T, Gordon SM, et al. Implementation of Clinical Pharmacogenomics within a Large Health System: From Electronic Health Record Decision Support to Consultation Services. *Pharmacotherapy*. 2016;36(8):940-8.
- Al-Masum M, **Wai MC**, & Dunnenberger H. A solvent free C-benzoylation and N-benzoylation reactions by using microwave heating. *Synthetic Communications*. 2011;41:2888.
- Al-Masum M, Ng E, & **Wai MC**. Palladium-catalyzed direct cross-coupling of potassium styryltrifluoroborates and benzoyl chlorides – a one-step method for chalcone synthesis. *Tetrahedron Letters*.2011;52:1008.

PEER REVIEWED BOOK CHAPTERS, LETTERS TO THE EDITOR

- **Wai MC**, Brown CG, Warmack TS. Chapter: Electrolyte Disorders. McGraw Hill Naplex Review Guide. New York: McGraw Hill. 2025.
- **Wai M**, Filip AB, Abbot CA, Martin A, Donnell RW, Sutton J. Anaphylaxis in Alpha-Gal patients treated with Crotalidae Immune F(ab')₂ (equine) for snake bite venom. *Toxicology Communications* 2024;8(1). <https://doi.org/10.1080/24734306.2024.2392459>
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NON-PEER REVIEWED PUBLICATIONS

- Wai J & **Wai M**. A new philosophy of STEM work. *Science*. 2023;382(6673):891. <https://doi.org/10.1126/science.adk9377>
- Wai, M. Liraglutide for Obesity Treatment: Do the benefits outweigh the risks? *Clinical Rx Forum*, Volume 3, Issue 1, January/February 2015.
- Wai, M. Risk of Cardiovascular Events for Diabetics on Olmesartan: Review of FDA Drug Safety Communications. *Clinical Rx Forum*, Volume 2, Issue 5, September/October 2014.
- Wai, M. Weighing the Risks and Benefits of Medication Use in Lactating Mothers. *Clinical Rx Forum*, Volume 1, Issue 6, November/December 2013.

SELECT POSTER PRESENTATIONS

- Quattlebaum B, Stoll E, Frye E, Ezell D, **Wai M**. Impact of pharmacist-led bedside preparation of 4-factor PCC (Balfaxar) in the emergency department. American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting, New Orleans, LA, December 2024.
- Filip AB, Foster HR, Jackson FM, **Wai MC**, Meadors KE, Banner WJ. Adverse Drug Reactions to Crotalidae Immune F(ab')₂ (equine) in Alpha-Gal Syndrome Endemic Regions 2024 ACMT Annual Scientific Meeting Abstracts- Washington, DC. *J Med Toxicol*. 2024; 20:86-192. <https://doi.org/10.1007/s13181-024-00990-6>.
- **Wai M**, Filip AB, Abbot CA, Martin A, Donnell RW, Sutton J. Anaphylaxis in Alpha-Gal patients treated with Crotalidae Immune F(ab')₂ (equine) for snake bite venom. Arkansas Association of Health-System Pharmacists (AAHP), Fall Seminar, Little Rock, AR, October 2024.
- Snider K, Agee C, Lam L, Li C, **Wai M**. Tocilizumab Use in Severe Hospitalized COVID-19 Infection. ASHP Midyear Clinical Meeting, Anaheim, CA, December 2023.
- Snider K, Agee C, Lam L, Li C, **Wai M**. Tocilizumab Use in Severe Hospitalized COVID-19 Infection. AAHP, Fall Seminar, Little Rock, October 2023.
- Pace A, **Wai M**, Frye E. Implementation of a Tenecteplase Protocol for Treatment of Acute Ischemic Stroke. ASHP Midyear Clinical Meeting, Las Vegas, NV, December 2022.
- Fan AM, **Wai M**, Lam S, Snyder C, Fitzsimmons B, Schell, D. Comparative efficacy of sugammadex versus neostigmine for reversal of neuromuscular blockade in operating rooms. Ohio College of Clinical Pharmacy. Rootstown, OH, June 2018.
- Greer M, Gustafson A, Luli A, Miller A, **Wai M**. Evaluation of an outpatient pharmacist consult service at the Cleveland Clinic Health System. Vizient., Orlando, FL, December 2017.
- Stepanski M, Welch S, **Wai M**. Evaluating the Impact of Alvimopan (Entereg) in Radical Cystectomy Care Path Outcomes at the Cleveland Clinic. Vizient, Las Vegas, NV, December 2016.

- Waldron M, Gallagher E, **Wai M**, Reu R, Valent J, Samaras C, Carulli A. Pharmacy driven services in an outpatient multiple myeloma clinic: a pilot program. Vizient, Las Vegas, NV, December 2016.
- **Wai MC**, Willner M, Chalmers J, Stowe D, Daly T, Pallotta An, Teng K, Hicks JK. Evaluation of Pharmacogenomic Clinical Decision Support on Prescribing Practices. University HealthSystem Consortium (UHC) meeting, Anaheim, CA, December 2014.
- **Wai MC**, Stabi KL, Leonard MC. Transmucosal Immediate Release Fentanyl (TIRF) products and Risk Evaluation Mitigation Strategy (REMS) programs.
 - National Association of Boards of Pharmacy (NABP) and American Association of Colleges of Pharmacy (AACP) District 4 meeting, Cleveland, OH, November 2014.
 - Ohio College of Clinical Pharmacy (OCCP) Spring Meeting 2014, Cleveland, OH, May 2014.
 - University HealthSystem Consortium (UHC) meeting, Orlando, FL, December 2013.
- **Wai MC**, Guyton J, Ives TJ, Shilliday BB. Evaluation of appropriate medication use in systolic heart failure patients. American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting, Las Vegas, NV, December 2012.
- **Wai MC**, Adams JL, Patterson KB, Prince H, Sykes C, Dumond JB, et al. Dolutegravir's (GSK2349572) role in HIV prevention: A pharmacokinetic study in the genital tract of healthy women volunteers. American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting, New Orleans, LA, December 2011.
- **Wai MC**, Jin H, & Grimes G. Development of aseptic transfer and validation of lyophilization products. Summer Intern Poster Day at the National Institutes of Health, Bethesda, MD, August 2010.
- Al-Masum M, **Wai MC**, & Dunnenberger H. A new look of AlCl₃ in microwave-irradiated solvent-free benzoylation reactions. American Chemical Society South Eastern Regional Meeting, Nashville, TN, November 2008.
- **Chen MA** & Johnson EP. Construction of Plasmids for the Cellular Localization of Plasmid RK2 Protein PAR B. Undergraduate Thesis Poster Day at the W.M. Keck Science Center, Claremont, CA, May 2002

SELECT PLATFORM PRESENTATIONS

- Lessons Learned from Implementing the Layered Learning Practice Model. UAMS Preceptor Development Conference, Morrilton, AR, April 2023.
- Answering Drug Information Questions. Chicago State University College of Pharmacy. Virtual lecture, January 2018.
- Pharmacology of Drugs for Rheumatoid Arthritis. Advance Practice Nursing Pharmacology Series, Cleveland Clinic, September 2017.
- Clinical Pharmacist: Drug Information Specialist. Clinical Pharmacy Showcase. University of Findlay College of Pharmacy, Findlay, OH, March 2016.
- Lexi-Comp™ Tips and Tricks. South Pointe Hospital, Warrensville Heights, OH, September 2015.
- FDA's Expedited Programs for Serious Conditions. Education Conference, Cleveland Clinic, March 2014.
- Acetaminophen for Patent Ductus Arteriosus Closure. Seminar presentation, Cleveland Clinic, October 2014.
- New Drugs Update: Risk Evaluation Mitigation Strategy (REMS) Program and Pulmonary Hypertension. Education Conference, Cleveland Clinic, August 2014.
- Drug Information Resources: Focus on PubMed. Presentation to APPE students, Cleveland Clinic, August 2014, January 2015.
- Aspirin Allergy in a Cardiovascular Patient. Education Conference, Cleveland Clinic, June 2014.
- Management of Refractory Status Epilepticus: Challenging the Guidelines. Seminar presentation, Cleveland Clinic, May 2014.
- Transmucosal Immediate Release fentanyl Products and Risk Evaluation and Mitigation Strategy Program. Great Lakes Pharmacy Resident Conference 2014, Purdue University, West Lafayette, IN, April 2014.
- Platinums, bevacizumab, ziv-aflibercept. Presentation for Oncology Weekly, Cleveland Clinic, February 2014.
- Abilify Maintena™: New Long-Acting Intramuscular Antipsychotic. Presentation to APPE students, Cleveland Clinic, January 2014
- Medication Errors in Drug Interaction Overrides. Education Conference, Cleveland Clinic, December 2013.

- Use of Liver Grafts from Hepatitis B Core Antibody-Positive Donors. Education Conference, Cleveland Clinic, September 2013.

CERTIFICATIONS

2017-present	Board Certified Pharmacotherapy Specialist Board of Pharmacy Specialties, IND-904181
2019-present	Advanced Cardiac Life Support <i>American Heart Association, #196501930553</i>
2019-present	Basic Life Support <i>American Heart Association, #195501267864</i>
2010-present	Pharmacy-Based Immunization Certificate <i>American Pharmacists Association, CPN #202-0014</i>
2002-2004	Preliminary California Teaching Credential, Secondary Education <i>California State University at Northridge, Northridge, CA</i>

PHARMACY LEADERSHIP POSITIONS

2025-present	College of Pharmacy University of Arkansas for Medical Sciences (UAMS) Chair – Postgraduate Education and Training Committee, Dept Pharmacy Practice Chair – Education Technology Committee
2014-2018	Ohio College of Clinical Pharmacy (OCCP) Communications Committee Co-Chair Editor – OCCP Newsletter
2009-2013	Carolina Association of Pharmacy Students (CAPS) 2012-2013 P4 Member-At-Large 2011-2012 Chair 2010-2011 Chair-Elect 2009-2010 P1 Member-At-Large
2011-2012	Phi Lambda Sigma (PLS) President, Epsilon Chapter, University of North Carolina, Chapel Hill

PROFESSIONAL AFFILIATIONS

2020-present	American Association of Colleges of Pharmacy (AACP)
2022-present	Arkansas Association of Health-System Pharmacist (AAHP)
2009-present	American Society of Health System Pharmacy (ASHP)
2013-2018	Ohio College of Clinical Pharmacy (OCCP)
2010-2018	American College of Clinical Pharmacy (ACCP)
2009-2015	American Pharmacists Association (APhA)
2009-2013	North Carolina Association of Pharmacists (NCAP)

SERVICE ACTIVITIES

2023-present	Arkansas Association of Health-System Pharmacists Education Committee
2021-present	Mercy Hospital NWA Pharmacy Residency Advisory Committee
2021-present	UAMS Department of Pharmacy Practice OSCE Board
2020-present	UAMS Teaching Certificate Program Mentor and Review Committee
2020-present	UAMS College of Pharmacy Assessment Committee
2020-present	UAMS Department of Pharmacy Practice Post-Graduate Education Committee

2020-present	UAMS NW North St Clinic faculty preceptor
2024	Faculty Internal Medicine / Family Medicine search committee
2023-2024	Curricular Transformation Committee Therapeutics Working Group
2020-2021	UAMS Self-study group
2021	NWA Council for community COVID-19 vaccination
2020-2021	UAMS NW Residency Advisory Committee
2015-2018	Cleveland Clinic Health System Clinical Integration Committee
2015-2018	Cleveland Clinic Health System Pharmacy and Therapeutics specialty panel committees
2015-2018	Pharmacy Resident Research Committee
2014-2015	Cleveland Clinic Health System Medical Staff P&T Committee and Local P&T Committee
2013-2014	Internal Medicine P&T Specialty Panel
2011-2012	Mentor, Mentor-Mentee program PY1 students
2011-2012	Rho Chi Tutor, student services tutoring program
2010-2011	Recruitment Ambassador, UNC ESOP High School and Undergraduate students
2009-2011	Student Health Action Coalition (SHAC)
2009-2010	SHAC-Beyond Clinic Walls

HONORS AND AWARDS

June 2023	Mercy NWA Pharmacy Residents' Preceptor of the Year, 2022-2023
June 2018	Cleveland Clinic Pharmacy Residents' Preceptor of the Year, 2017-2018
April 2013	George H Cocolas Pharmacy Student Body Award, UNC ESOP
2011-2013	Fred Eshelman Scholarship for Research Excellence, UNC ESOP
March 2012	Top 10 Finalist at local chapter for APhA-ASP National Patient Counseling Competition
April 2011	Inducted into <i>Rho Chi</i> , Pharmacy Academic Honor Society
March 2011	Travel grant from NCAP to attend RxImpact in Washington D.C.
November 2010	Inducted into <i>Phi Lambda Sigma</i> , Pharmacy Leadership Honorary
January 2008	Faculty Traineeship in Biotechnology at the National Institutes of Health, Bethesda, MD