

Emily J. Ashjian, PharmD, BCPS, BCACP, CDCES

CONTACT INFORMATION

University of Michigan College of Pharmacy
428 Church Street
Ann Arbor, MI 48109
eashjian@med.umich.edu

EDUCATION

Doctor of Pharmacy with Highest Honors and Highest Distinction Aug 2009-May 2013
University of North Carolina Eshelman School of Pharmacy, Chapel Hill, NC

Bachelor of Science, Molecular, Cellular and Developmental Biology Sep 2004-Jun 2008
University of Washington, Seattle, WA

POSTGRADUATE TRAINING

Postgraduate Year Two (PGY2) Ambulatory Care Pharmacy Residency Jul 2014-Jun 2015
PGY2 Chief Resident
University of Michigan Health System, Ann Arbor, MI
American Society of Health-System Pharmacists Accredited
Residency Program Director: Stuart Rockafellow, PharmD, BCACP

Postgraduate Year One (PGY1) Pharmacy Practice Residency Jul 2013-Jun 2014
PGY1 Chief Resident
University of Michigan Health System, Ann Arbor, MI
American Society of Health-System Pharmacists Accredited
Residency Program Director: John S. Clark, PharmD, MS, BCPS, FASHP

PROFESSIONAL EXPERIENCE

Academic Appointments

Clinical Assistant Professor July 2017-Present
Department of Clinical Pharmacy
University of Michigan College of Pharmacy
Ann Arbor, MI

Adjunct Clinical Assistant Professor July 2016-June 2017
Department of Clinical Pharmacy
University of Michigan College of Pharmacy
Ann Arbor, MI

Clinical Assistant Professor Department of Pharmacy Practice Oregon State University/Oregon Health & Science University College of Pharmacy Portland, OR	Aug 2015-July 2016
Adjunct Clinical Instructor Department of Clinical Pharmacy University of Michigan College of Pharmacy Ann Arbor, MI	Jul 2013-Jun 2015
<u><i>Clinical Practice and Research Experience</i></u> Clinical Pharmacist Specialist, Ambulatory Care Michigan Medicine – Pharmacy Innovations and Partnerships, Ann Arbor, MI	July 2016-Present
Process Improvement Pharmacist Michigan Pharmacists Transforming Care and Quality, Ann Arbor, MI	July 2016-June 2018
Clinical Pharmacist, Ambulatory Care Old Town Clinic, Portland, OR	Aug 2015-July 2016
Staff Pharmacist Ambulatory Pharmacy Services University of Michigan Health System, Ann Arbor, MI	Jul 2014-Jun 2015
Staff Pharmacist Inpatient Pharmacy Services University of Michigan Health System, Ann Arbor, MI	Jul 2013-Jun 2014
Inpatient Pharmacy Intern University of North Carolina Hospitals, Chapel Hill, NC	Jan 2010-Apr 2013
Research Assistant University of North Carolina Eshelman School of Pharmacy, Chapel Hill, NC	Jun 2011-Jul 2012
Pharmacy Technician Walgreens Pharmacy, Kennewick, WA	Jun 2008-Jul 2009
Research Assistant University of Washington Department of Medical Genetics, Seattle, WA	Oct 2006-May 2008
Howard Hughes Undergraduate Research Internship University of Washington, Seattle, WA	Jun 2006-Aug 2006
United States Department of Energy Science Undergraduate Laboratory Internship Pacific Northwest National Laboratory, Richland, WA	Jun 2005-Sep 2005
Young Women in Science Summer Internship Pacific Northwest National Laboratory, Richland, WA	Jun 2004-Aug 2004 Jun 2003-Aug 2003

PROFESSIONAL LICENSURE, CERTIFICATIONS, AND TRAINING

Certified Diabetes Care and Education Specialist National Certification Board for Diabetes Educators Credential Number: 21900164	Mar 2019-Present
Board Certified Ambulatory Care Pharmacist Board of Pharmacy Specialties Credential Number: 6150176	Nov 2015-Present
Board Certified Pharmacotherapy Specialist Board of Pharmacy Specialties Credential Number: 3140100F	Nov 2014-Present
Registered Pharmacist, Pharmacy Preceptor, and Controlled Substance License Michigan Department of Community Health Permanent Identification Number: 5302041923	Jul 2013-Present
Pharmacy-Based Immunization Delivery American Pharmacists Association	Oct 2011-Present
Registered Pharmacist and Pharmacy Preceptor License State of Oregon, Permanent Identification Number: RPh-0014789	Aug 2015-June 2017
Tobacco Treatment Specialist Certification Training Mayo Clinic, Scottsdale, AZ	Feb 2016
Basic Life Support for Healthcare Providers American Heart Association Accredited Certification	Feb 2010-Feb 2016
Advanced Cardiovascular Life Support American Heart Association Accredited Certification	Jul 2013-Jul 2015
Teaching Certificate University of Michigan College of Pharmacy, Ann Arbor, MI	Jun 2014
Interdisciplinary Certificate in Aging University of North Carolina, Chapel Hill, NC Program Director: Jena Ivey Burkhart, PharmD, BCPS, CPP	Apr 2013
Ambulatory Care Clinical Scholars Program University of North Carolina Eshelman School of Pharmacy Duke University Area Health Education Center, Durham, NC Program Director: Debra Wobbleton Kemp, PharmD, BCPS, BCACP	May 2012-Apr 2013
School on Alcoholism and Other Drug Dependencies University of Utah, Salt Lake City, UT	Jun 2012
Health in the Context of Italian Culture University of Washington Exploration Seminar, Vicenza, Italy	Sep 2006

SELECTED AWARDS AND HONORS

Outstanding Peer Reviewer Journal of the American Pharmacists Association	Apr 2022
Professional Commendation University of Michigan College of Pharmacy	Apr 2022
Department of Clinical Pharmacy Faculty Preceptor of the Year University of Michigan College of Pharmacy	Sept 2021
Ambulatory Care Preceptor of the Year Michigan Medicine Pharmacy Residency Programs	Jun 2020
Interprofessional Leadership Fellows Program University of Michigan	Feb 2020
Making a Difference Award Michigan Medicine Employee Recognition Program	Nov 2017
2015 Pharmacy Resident of the Year Southeastern Michigan Society of Health-System Pharmacists	Nov 2015
American College of Clinical Pharmacy (ACCP) Ambulatory Care Practice & Research Network (PRN) Annual Meeting Resident Travel Award	Oct 2014
Great Lakes National Scholarship	Aug 2012-May 2013
Eshelman Professional Student Scholarship University of North Carolina Eshelman School of Pharmacy, Chapel Hill, NC	Aug 2011-May 2013
Duke Area Health Education Center Best Case Presentation University of North Carolina Eshelman School of Pharmacy, Chapel Hill, NC	Apr 2013
Rho Chi Pharmacy Honor Society, Xi Chapter University of North Carolina Eshelman School of Pharmacy, Chapel Hill, NC Vice-President 2011-2012	May 2011
Howard Hughes Medical Institute Biology Fellows Program University of Washington, Seattle, WA	Jan 2005-Jun 2008
Dean's List Scholar, 10 Quarters University of Washington, Seattle, WA	Dec 2004-Jun 2008
Mortar Board National College Senior Honor Society Inductee University of Washington, Seattle, WA	May 2007

SCHOLARLY ACTIVITY

^denotes PGY1 or PGY2 pharmacy resident or fellow, *denotes pharmacy student

PEER REVIEWED PUBLICATIONS

Published

18. Xu J[^], **Ashjian EJ**. Treatment of hypertriglyceridemia: A review of therapies in the pipeline. *J Pharm Pract*. 2021 [epub ahead of print].
17. Elder MJ[^], **Ashjian EJ**. Pharmacotherapy for Type 2 Diabetes Mellitus: What's up and coming in the Glucagon-Like Peptide-1 (GLP-1) pipeline? *J Pharm Pract*. 2021 [epub ahead of print].
16. **Ashjian EJ**, Erickson SR, Walker PC, Sweet BV, Diez HL, Wells TD, Thompson AN. The impact of an early clinical experience on pharmacy student learning about ambulatory care practice. *Am J Pharm Educ*. 2021;85(4):Article 858118.
15. Coe AB, Choe HM, Diez HL, Rockey NG, **Ashjian EJ**, Dorsch MP, Kim HM, Farris KB. Pharmacists providing care in statewide physician organizations: Findings from the Michigan Pharmacists Transforming Care and Quality Collaborative. *J Manag Care Spec Pharm*. 2020;26(12):1558-1566.
14. Cho KH[^], **Ashjian EJ**, Smith MA, Pai AB. Approaches to medication management in patients with kidney failure opting for conservative management. *Nephrol Nurs J*. 2020;47(4):319-371.
13. Engle JP, Burke J, **Ashjian EJ**, Avery L, Borchert J, Faro S, Harris C, Herink M, Jain B*, MacLaughlin E, Martello J, Moore K, Rogers E, Smith W, Stranges PM. ACCP Clinical Pharmacist Competencies: Advocating for alignment between student, resident, and practitioner competencies. *J Am Coll Clin Pharm*. 2020;3:124-32.
12. Maes ML[^], **Ashjian EJ**, Kippes KA, Marhsall V, Rida N*, Thompson AN. Impact of dosing conversion from basal insulin to follow-on insulin glargine. *J Pharm Pract*. 2021;34:183-89.
11. Pai AB, Engling J, Chapman C, Volk R, Costello G, Codd C*, **Ashjian E**, Wright-Nunes, J. Patient-selected media and knowledge of risk to kidneys of nonsteroidal anti-inflammatory drugs. *J Am Pharm Assoc*. 2019; 59(3):329-335.
10. Aldrich S[^], **Ashjian E**. Use of GLP-1 receptor agonists in patients with Type 2 Diabetes Mellitus and chronic kidney disease. *Nurse Pract*. 2019;44:20-28.
9. **Ashjian EJ**, Yoo A, Piette JD, Choe HM, Thompson AN. Implementation and barriers to uptake of interactive voice response technology aimed to improve blood pressure control at a large academic medical center. *J Am Pharm Assoc*. 2019;59(2S):S104-S109.
8. **Ashjian EJ**, Kurtz B, Renner E, Yeshe R*, Barnes GD. Evaluation of a pharmacist-led outpatient direct oral anticoagulant service. *Am J Health-Syst Pharm*. 2017;74(7):483-489.
7. **Ashjian EJ**, Tingen J. Sodium-glucose cotransporter-2 inhibitors: Expanding oral treatment options for Type 2 Diabetes Mellitus. *Nurse Pract*. 2017; 42(4):8-15.

6. Deal EN, Stranges PM, Maxwell WD, Bacci J, **Ashjian EJ**, DeRemer DL, Kane-Gill SL, Norgard NB, Dombrowski L*, Parker RB. The importance of research and scholarly activity in pharmacy training. *Pharmacotherapy* 2016;36(12):e200-e205.
5. Coon SA, **Ashjian EJ**, Herink MC. Current use of statins for primary prevention of cardiovascular disease: Patient reported outcomes and adherence. *Curr Cardiovasc Risk Rep* 2016;10:23.
4. Engle JP, Franks AM, **Ashjian EJ**, Bingham AL, Burke JM, Erstad BL, Haines SL, Hilaire ML, Rager ML, Wienbar R*. A Self-Assessment Guide for Resident Teaching Experiences. *Pharmacotherapy* 2016;36(6):e58-79.
3. **Ashjian EJ**, Redic KA. Multiple myeloma: Updates for pharmacists in the treatment of relapsed and refractory disease. *J Oncol Pharm Pract.* 2016; 22(2):289-302.
2. **Ashjian EJ**, Salamin LB, Eschenburg K, Kraft S, Mackler E. Evaluation of outpatient medication reconciliation involving student pharmacists at a comprehensive cancer center. *J Am Pharm Assoc.* 2015; 55(5):540-5.
1. Sowa MB, Chrisler WB, Zens KD, **Ashjian EJ**, Opresko LK. Three-dimensional culture conditions lead to decreased radiation induced cytotoxicity in human mammary epithelial cells. *Mutat Res.* 2010; 687:78-83.

Submitted

2. Cho KH, Jang SM, **Ashjian EJ**. Evaluation of nephrology content in Doctor of Pharmacy curricula across United States pharmacy schools. Submitted to *Am J Pharm Educ.* 2022.
1. Meaney CJ, Maxson R, **Ashjian EJ**, Cho KH, Diamond A, Fravel M, Jang SM, Lewis S, Hudson J. The need for revitalized nephrology pharmacy education standards in doctor of pharmacy programs. Submitted to *Am J Pharm Educ.* 2022.

In preparation

7. **Ashjian EJ**, Benitez LL, Most A^, Kraft SK. A residency teaching certificate program aimed at developing clinical faculty. In preparation for *J Am Coll Clin Pharm.*
6. **Ashjian EJ**, Kippes KK, Thompson AN. Impact of an independent patient centered medical home clinic experience during residency training on post-residency clinical confidence. In preparation for *J Am Coll Clin Pharm.*
5. Clarke MN, **Ashjian EJ**, Pogue KP. Overview of finerenone and its role in the treatment of chronic kidney disease in patients with type 2 diabetes mellitus.
4. **Ashjian EJ**, Ward KM. Assessing the impact of a virtual course format on student confidence in their learning about ambulatory care skills. In preparation for *Am J Pharm Educ.*
3. Elder MJ^, **Ashjian EJ**. Another new inhaler?: A COPD Primer for the Primary Care Provider. In preparation for *Nurse Pract.*
2. Trujillo TC, **Ashjian EJ**, Bhat S, Blackmer AB, Crismon L, Doligalski C, Martin R, Michienzi S, Osborn J, Webb CE, Bass M^, Darby S^, Hansen S*. Comprehensive Medication Management: A Critical Tool for Medication Optimization in All Practice Settings. In preparation for *J Am Coll Clin Pharm.*

1. **Ashjian EJ**, Barinbaum R, Prochnow L. Team on the screen: A pilot interdisciplinary telehealth experience for pharmacy, social work, and nurse practitioner students in ambulatory care. In preparation for *J Interprof Educ Pract*.

NON-PEER REVIEWED PUBLICATIONS

Ashjian E, Scott M. Tips for changing pharmacy careers: Transitioning to ambulatory care pharmacy practice. ASHP Ambulatory Care Career Toolkit. 2016.

GRANTS

Ashjian EJ, Barinbaum R, Prochnow L. Feb 2021
Team on the Screen: A pilot study of teaching students interprofessional competencies through virtual patient education at the University of Michigan Student-Run Free Health Clinic
University of Michigan Center for Interprofessional Education.
Award: \$5,000 (Funded).
Role: Co-Investigator

Pai AB, Rockwell P, Wright-Nunes J, **Ashjian EJ**, Diez HL. Oct 2019
Improving vaccination rates in Chronic Kidney Disease using reminder/recall strategies via the patient portal.
Pfizer.
Award: \$75,000 (Funded)
Role: Co-Investigator

Cho KH[^], **Ashjian EJ**, Pai AB. Feb 2019
Effect of a pharmacist-led dietary sodium restriction education intervention on blood pressure, sodium knowledge, and self-efficacy in patients with Stage 3-4 chronic kidney disease with hypertension
ASHP Foundation Pharmacy Resident Practice-Based Research Grant Program
Award: \$5,000 (Funded)
Role: Co-investigator

Ashjian EJ, Barnes GD, Renner ET, Kurtz BM, Yeshe R*. Jan 2015
Impact of a pharmacist-led target specific oral anticoagulant program
ASHP Foundation Pharmacy Resident Practice-Based Research Grant Program
Award: \$3,861 (Funded)
Role: PI

SELECTED INVITED LECTURES/CONTINUING EDUCATION PRESENTATIONS

National

Clinical Care Guidelines and Clinical Pearls March, June 2021
ACPE certified continuing education presentation (ACPE # 0112-9999-17-442-L01-P) Jul 2019
Clinical Pharmacist Training Program in Primary Care (Ambulatory Care Enrichment Program) Aug 2018
Ann Arbor, MI Feb 2018

Building and Sustaining Successful Ambulatory Care Services Dec 2016
Section Advisory Group on Clinical Practice Advancement Networking Session
American Society of Health-System Pharmacists Midyear Clinical Meeting Midyear Clinical Meeting
Las Vegas, NV

Regional

Impact of a pharmacist-led target specific oral anticoagulant program Apr 2015
ACPE certified continuing education presentation (ACPE # 0121-9999-15-309-L01-P)
Great Lakes Pharmacy Residency Conference, West Lafayette, IN

Evaluation of medication reconciliation at a comprehensive cancer center Apr 2014
ACPE certified continuing education presentation (ACPE # 0121-9999-14-309-L04-P)
Great Lakes Pharmacy Residency Conference, West Lafayette, IN

State

GLP-1 receptor agonists and SGLT2 inhibitors for everyone? Applying the latest clinical trial results Feb 2022
ensure evidence based care
ACPE certified continuing education presentation (ACPE # 0112-0000-22-122-L04-P)
Michigan Pharmacists Association Annual Convention, Detroit, MI

Oral semaglutide, renal outcomes, nasal glucagon and more: Caring for patients with diabetes Feb 2020
in 2020
ACPE certified continuing education presentation (ACPE # 0112-0000-20-113-L01-P)
Michigan Pharmacists Association Annual Convention, Detroit, MI

Back to Treating to Target?: Updates on the management of hyperlipidemia Feb 2019
ACPE certified continuing education presentation (ACPE # 0112-0000-19-135-L01-P)
Michigan Pharmacists Association Annual Convention, Detroit, MI

Incorporating the 2017 Standards of Diabetes Care into Clinical Practice July 2017
Audience: Michigan Pharmacists Transforming Care & Quality Pharmacy Transformation Champions
Lansing, MI

Hypertension Clinical Pearls: We're treating more than a number Mar 2017
Audience: Michigan Pharmacists Transforming Care & Quality Pharmacy Transformation Champions
Ann Arbor, MI

Primary care clinical guidelines and clinical pearls Oct 2016
Audience: Michigan Pharmacists Transforming Care & Quality Pharmacy Transformation Champions
Ann Arbor, MI

Diabetes: Transitions of care Feb 2015
ACPE certified continuing education presentation (ACPE # 0112-0000-15-107-L01-P)
Michigan Pharmacists Association Annual Convention, Detroit, MI

Local

Update on Emergency Contraception Jan 2021
Audience: Michigan Medicine – Briarwood Medical Group Internal Medicine Physicians
Ann Arbor, MI

Preceptor Development Audience: Michigan Medicine Pharmacy Innovations and Partnerships Pharmacists Ann Arbor, MI	April 2019
Updates on biologic therapies Audience: Michigan Medicine - Briarwood Medical Group Internal Medicine Physicians Ann Arbor, MI	Feb 2019
What's new with Type 2?: Updates in pharmacotherapy for Type 2 Diabetes Mellitus Audience: Michigan Medicine - Briarwood Medical Group Internal Medicine Physicians Ann Arbor, MI	May 2018
Updates on a clinical pharmacist-led diabetes management service Audience: Physicians, Nurse Practitioners, Physicians Assistants, Pharmacists Old Town Clinic, Portland, OR	Jan 2016
Impact of a pharmacist-led target specific oral anticoagulant program Final research presentation to pharmacists, residents, and faculty University of Michigan Health System, Ann Arbor, MI	Apr 2015
Weighing the risk versus benefit: Updates on current trends in endocrinology ACPE certified continuing education presentation (ACPE # 0112-9999-15-300-L01-P) University of Michigan Health System, Ann Arbor, MI	Jan 2015
Impact of a pharmacist-led target specific oral anticoagulant program Research protocol presentation to pharmacists, residents, and faculty University of Michigan Health System, Ann Arbor, MI	Oct 2014
Medication costs: 2015 Part D changes and choices Audience: Turner Geriatrics Senior Wellness Program University of Michigan Turner Geriatrics Center, Ann Arbor, MI	Oct 2014
Cardiovascular, pain, and diabetes medication review Audience: Physical therapists, occupational therapists, speech therapists University of Michigan Health System, Ann Arbor, MI	Sep 2014
Evaluation of medication reconciliation at a comprehensive cancer center Final research presentation to pharmacists, residents, and faculty University of Michigan Health System, Ann Arbor, MI	Apr 2014
Multiple myeloma: Treatment updates for pharmacists in relapsed and refractory disease ACPE certified continuing education presentation (ACPE # 0029-0000-14-012-L04-P) University of Michigan Health System, Ann Arbor, MI	Feb 2014
Evaluation of medication reconciliation at a comprehensive cancer center Research protocol presentation to pharmacists, residents, and faculty University of Michigan Health System, Ann Arbor, MI	Oct 2013

SELECTED POSTERS AND PRESENTATION ABSTRACTS

21. Smith K*, Hammond C*, Harmer K*, Thompson AN, **Ashjian EJ**. Assessing kidney disease knowledge in adult primary care patients at an academic medical center. 2021 American Society of Health-System Pharmacists Midyear Clinical Meeting, December 5-9, 2021. Virtual. Dec 2021
20. **Ashjian EJ**, Barinbaum R, Prochnow L. Team on the Screen: A pilot study of teaching students interprofessional competencies through virtual patient education at the University of Michigan Student-Run Free Health Clinic. University of Michigan Healthcare Professions Education Day. April 6, 2021. Virtual. Apr 2021
19. **Ashjian EJ**, Sweet G, Erickson S, Wells T, Diez H, Thompson A, Walker PC. Characteristics and Impact of an early clinical experience on student learning about ambulatory care practice. American Association of Colleges of Pharmacy Annual Meeting. July 13-31, 2020. Virtual. July 2020
18. Cho KH[^], Alsamarae Z[^], **Ashjian EJ**, Costello G, Haroney J, Goeman J, Wright J, Pai AB. Literacy and numeracy skills related to non-steroidal anti-inflammatory drugs in patients receiving care at a multidisciplinary chronic kidney disease clinic. National Kidney Foundation Spring Clinical Meeting. March 25-29, 2020. Virtual. Mar 2020
17. Alsamarae Z[^], **Ashjian EJ**, Costello G, Pai AB. Assessment of patient knowledge about risk factors for chronic kidney disease in primary care. 2019 Vizient Pharmacy Resident Poster Session, December 7, 2019. Las Vegas, NV Dec 2019
16. Pai AB, **Ashjian EJ**, Cho KH[^]. Leveraging a tenure-track/non-tenure track faculty partnership to expand clinical services and scholarship in nephrology. American College of Clinical Pharmacy Conference, October 26-29, 2019. New York, NY. Oct 2019
15. Cho KH[^], **Ashjian EJ**, Costello G, Pai AB. Effect of a pharmacist-led interdisciplinary dietary sodium intervention on blood pressure, sodium knowledge, and self-efficacy in patients with Stage 3 and 4 Chronic Kidney Disease. American College of Clinical Pharmacy Conference, October 26-29, 2019. New York, NY. Oct 2019
14. Cho KH[^], **Ashjian EJ**, Costello G, Pai AB. Effect of a pharmacist-led dietary sodium restriction education intervention on blood pressure, sodium knowledge, and self-efficacy in patients with Stage 3 and 4 chronic kidney disease. Great Lakes Pharmacy Residency Conference, April 23-24, 2019. West Lafayette, IN. Apr 2019
13. Cho K[^], **Ashjian EJ**, Costello G, Pai AB. Impact of a pharmacist-led dietary sodium intervention in a multidisciplinary chronic kidney disease clinic. 2018 American Society of Health-System Pharmacists Midyear Clinical Meeting, December 2-6, 2018. Anaheim, CA. Dec 2018
12. Maes M[^], **Ashjian E**, Kippes K, Marshall V, Rida N*, Thompson A. Impact of conversion from long-acting or intermediate-acting basal insulin to follow-on insulin glargine on dosing and clinical outcomes. American College of Clinical Pharmacy Global Conference, October 20-23, 2018. Seattle, WA. Oct 2018
11. Galura G*, Codd C*, Costello G, **Ashjian E**, Pai A. Assessment of NSAID literacy and numeracy in patients at a multidisciplinary chronic kidney disease clinic. American College of Clinical Pharmacy Global Conference, October 20-23, 2018. Seattle, WA. Oct 2018

10. **Ashjian E**, Le E[^], Singh H, Bajaj K, Martin B. Partnership with clinical pharmacists: Optimizing the quality of diabetes care in an underserved population. National Health Care for the Homeless Conference & Policy Symposium, June 1-2, 2016. Portland, OR. Jun 2016
9. Barnes G, **Ashjian E**, Yeshe R*, Renner E, Kurtz B. Impact of a pharmacist-led outpatient direct oral anticoagulation service. American Heart Association Quality of Care and Outcomes Research 2016 Scientific Sessions, February 28-March 1, 2016. Phoenix, AZ. Feb 2016
8. **Ashjian E**, Renner E, Kurtz B, Yeshe R*, Barnes G. Impact of a pharmacist managed direct oral anticoagulant service on medication appropriateness and patient adherence. 2015 American Society of Health-System Pharmacists Midyear Clinical Meeting, December 5-10, 2015. New Orleans, LA. Dec 2015
7. Rothermal M*, Farris K, **Ashjian E**, Dorsch M. Utilizing social network advertising to provide access to guideline-based assessment of atherosclerotic cardiovascular disease risk. 2015 American Society of Health-System Pharmacists Midyear Clinical Meeting, December 5-10, 2015. New Orleans, LA. Dec 2015
6. **Ashjian E**, Renner E, Kurtz B, Yeshe R*, Barnes G. Impact of a pharmacist-led target specific oral anticoagulant program. 2014 University Health Consortium Meeting, December 6, 2014. Anaheim CA. Dec 2014
5. **Ashjian E**, Renner E, Kurtz B, Yeshe R*, Barnes G. Impact of a pharmacist-led target specific oral anticoagulant program. 2014 American Society of Health-System Pharmacists Midyear Clinical Meeting, December 6-11, 2014. Anaheim, CA. Dec 2014
4. **Ashjian E**, Mackler E, Eschenburg, K, Salamin L. Evaluation of medication reconciliation at a comprehensive cancer center. 2013 University Health Consortium Meeting, December 7, 2013. Orlando, FL. Dec 2013
3. **Ashjian E**, Mackler E, Eschenburg, K, Salamin L. Evaluation of medication reconciliation at a comprehensive cancer center. 2013 American Society of Health-System Pharmacists Midyear Clinical Meeting, December 7-12, 2013. Orlando, FL. Dec 2013
2. **Ashjian E**, Kemp D, Bryan W, Hollowell S, Woodard C. Evaluation of the use of abiraterone acetate among metastatic prostate cancer patients at a Veterans Affairs Medical Center. 2013 UNC Eshelman School of Pharmacy Student Research Symposium, April 29, 2013. Chapel Hill, NC. Apr 2013
1. **Ashjian E**, Kemp D, Bryan W, Hollowell S, Woodard C. Evaluation of the use of abiraterone acetate among metastatic prostate cancer patients at a Veterans Affairs Medical Center. 2012 American Society of Health-System Pharmacists Midyear Clinical Meeting, December 2-6, 2012. Las Vegas, NV. Dec 2012

RESEARCH IN PROGRESS

Michigan Medicine Aug 2021-Present

Patient, provider, and pharmacist perceptions of the conversion of an established ambulatory care clinical pharmacy service to telehealth at a large academic medical center in response to the SARS-CoV-2 pandemic

Principal Investigator: Henry Huang, PharmD

Co-Investigators: Amy Thompson, PharmD, BCACP, Emily Ashjian, PharmD, BCPS, BCACP, CDCES, Heidi Diez, PharmD, BCACP

Status: In progress

University of Michigan College of Pharmacy Mar 2021-Present

Team on the Screen: A pilot study of teaching students interprofessional competencies through virtual patient education at the University of Michigan Student-Run Free Health Clinic.

Principal Investigator: Emily Ashjian, PharmD, BCPS, BCACP, CDCES

Co-Investigators: Richard Barinbaum, LMSW, Laura Prochnow, DNP

Status: In progress

TEACHING EXPERIENCE—DIDACTIC

University of Michigan College of Pharmacy, Ann Arbor, MI:

Course Coordination

P723 Pharmacy Practice Skills III (30 hours) Aug 2018-Present

Course Co-coordinator: Kristen Ward, PharmD (2020-Present)

Kellie Kippes, PharmD, BCPS, BCACP (2018-19)

Lectures

Chronic disease management in oncology patients Nov 2020-Present

P637 Oncology Elective (2 hours)

Course Co-Coordinator: Lydia Benitez, PharmD, BCOP, Shawna Kraft, PharmD, BCOP

Age is More Than a Number: Managing the Big 3 in Older Adults Nov 2017-Present

P757 Aging Patient (4 hours)

Course Coordinator: Randy Regal, PharmD

Managing Diabetes in Older Adults Oct 2014

P548 Aging Patient (2 hours)

Course Coordinator: Leslie Shimp, PharmD, MS

Type 2 Diabetes Mellitus Oct 2014

P552 Disease State Management (4 hours)

Course Coordinators: Marie Marcelino, PharmD, MBA, BCACP, Stu Rockafellow, PharmD, BCACP

Medication Histories: Addressing Sensitive Topics Nov 2013

P506 Patient Care and Communication (2 hours)

Course Coordinator: Jolene Bostwick, PharmD, BCPS, BCPP

Laboratory/Discussion/Presentation Facilitation

PharmD Investigations Preceptor P719 Research Data Collection and Analysis Course Coordinator: Haojie Zhu, Ph.D. Class of 2024: Sruja Patel, Marissa Volek Class of 2022: Caroline Hammond, Kirsten Smith Class of 2021: Fran Trott, Joseph Haroney	Jan 2019-Present
Selected Topics in Ambulatory Care P723 Pharmacy Practice Skills III (30 hours) Course Co-Corrdinator: Kristen Ward, PharmD (2020) Kellie Kippes, PharmD, BCPS, BCACP (2018)	Aug 2018-Present
Mock Interviews P727 Career and Professional Development (up to two students per year) Course Coordinator: Mike Kraft, PharmD, BCNSP	Mar 2018-Present Mar 2014
PharmD Seminar Preceptor P730 PharmD Seminar Course Coordinator: Jamie Park, PharmD, MS, FCCP, BCPS 2021-22: Anne Balogh, Anastazia Capparelli 2020-21: Joseph Haroney, Fran Trott 2019-20: Joon Hwangbo, Christopher Rousch 2018-19: Shiwei Fang, Brenda Shi 2017-18: Codie Baron	Sept 2017 – Present
Diabetes Patient Skills Lab P612 Therapeutic Problem Solving (2.5 laboratory hours) Course Coordinator: Kristin Klein, PharmD, FPPAG	Feb 2022
Aging Patient Skills Lab P612 Therapeutic Problem Solving (3 laboratory hours) Course Coordinator: Kristin Klein, PharmD, FPPAG	Apri 2020
Community Programs for National Kidney Foundation of Michigan P570 Independent Study Course Coordinator: Amy Pai, PharmD, MHI, FASN, FCCP, FNKF	Jan 2019-April 2019
Blood Pressure Skills Lab P602 Therapeutic Problem Solving (2 laboratory hours) Course Coordinator: Trisha Wells, PharmD	Sept 2018
Selected Topics in Ambulatory Care P552 Chronic Disease State Management (30 laboratory hours) Course Coordinators: Marie Marcelino, PharmD, MBA, BCACP, Stu Rockafellow, PharmD, BCACP	Oct-Dec 2014
Asthma Device Lab P602 Therapeutic Problem Solving (2 laboratory hours) Course Coordinator: Barry Bleske, PharmD	Nov 2014

Selected Topics in Nonprescription/Self-Care Therapeutics Jan-Apr 2014
P512 Self Care Therapeutics (30 laboratory hours)
Course Coordinator: Heidi Diez, PharmD, BCACP

Health Literacy Nov 2013
P506 Patient Care and Communication (4 laboratory hours)
Course Coordinator: Jolene Bostwick, PharmD, BCPS, BCPP

Diabetes Clinical Skills Lab Sept 2013
P431 Therapeutics Problem Solving (3 laboratory hours)
Course Coordinator: Jeffrey Tingen, PharmD, MBA, BCPS, BCACP, CDE

Oregon State University/Oregon Health & Science University College of Pharmacy, Portland, OR:

Lectures

Therapeutic Management of Hypertension Mar 2016
PHAR 753 Integrated Drug Structure, Action, and Therapeutics II (4 hours)
Course Coordinator: Chrissa Kioussi, PhD

Laboratory/Discussion/Presentation Facilitation

Oral Exam Facilitator-Acute Care Jun 2016
PHAR 766 Pharmacy Practice (4 hours)
Course Coordinator: Megan Herink, PharmD, BCPS

Patient Cases in Ambulatory Care Apr-May 2016
PHAR 778 Ambulatory Care Elective (8 laboratory hours)
Course Coordinator: Harleen Singh, PharmD, BCPS (AQ-Cardiology), BCACP

Collaborative Practice and Ethics Apr 2016
IPE 701 Foundations of Patient Safety and Interprofessional Practice (5 discussion hours)
Course Coordinators: David Bearden, PharmD, Judith Baggs, PhD, RN

Oral Exam Facilitator-Acute Care Mar 2016
PHAR 765 Pharmacy Practice (4 hours)
Course Coordinator: Craig Williams, PharmD, BCPS

Oral Exam Facilitator-Ambulatory Care Nov 2015
PHAR 764 Pharmacy Practice (4 hours)
Course Coordinator: Harleen Singh, PharmD, BCPS (AQ-Cardiology), BCACP

Diabetes Management Case Studies Oct 2015
PHAR 764 Pharmacy Practice (5 discussion hours)
Course Coordinator: Harleen Singh, PharmD, BCPS (AQ-Cardiology), BCACP

University of Washington, Seattle, WA:

Freshman Interest Group Leader Sep 2007-Dec 2007
Gen St 199: The University Community

TEACHING EXPERIENCE—EXPERIENTIAL

University of Michigan College of Pharmacy, Ann Arbor, MI:

Preceptor—Ambulatory Care Introductory Pharmacy Practice Experience Sept 2018-Present

2021-22: Amanda Wu, Ruixi Zhang, Fatima Hafez, Ashley Sayyae
2020-21: Thao Tran, Cathy Guo, Angela Chen, Cortney Cathey, Hannah Wang, Jingting Wang
2019-20: Christabel Lo, Melanie Wong, Meagan Dean, Siyu Liu, Sarah Kaspari, Alexandra Rola
Secondary Preceptor: Katie Harmer, Tamunobelema Somiari
2018-19: Michelle Azar, Rola Bazzi, Jeffrey Ciric-Quillana, Roxana Dumitrache, Khalil Beidoun

Preceptor—Ambulatory Care Advanced Pharmacy Practice Experience May 2017-Present

2022-23: Emma Dittmar, Samantha Pike, Natalie Gaines, Arielle Davidson
2021-22: Cameron McKenzie, Abdul Barakat, Corey Brutman, Chiamaka Agu, Alexander Pierce
2020-21: Courtney Fedeson, Lauren Rechenbach-Chapman, Melanie Johnson, Chad Compagner, Jessica Leon, Maya Manning
2019-20: Xiao Liu, Paul Ko, Kevin Sparks, Keila LaFereniere, Emily Sahagian
2018-19: Shiwei Fang, Brenda Shih, Gina Cherniawski, Caroline Na, Adam Robinson, Brooke Collins
2017-18: Emily Telega, Victoria Facchini, Codie Baron

Bachelor of Science in Pharmaceutical Sciences (BSPS) Student Shadowing Oct-Nov 2017, Nov 2020 P202 BSPS Career Exploration

Health Professional Student Shadowing Oct 2017 -Nov 2017 P503 Service Learning for Health Professionals

Co-Preceptor—Ambulatory Care Advanced Pharmacy Practice Experience Aug 2014-Jun 2015

Michigan Medicine, Ann Arbor, MI:

Mentor – Teaching Certificate Program Aug 2020-Present PGY1 Pharmacy Residency

2021-22: Liriany Pimentel, PharmD, Lauren Spreen, PharmD, Kelsey Ernst, PharmD, Nicholas Pokora, PharmD, Allison Olmsted, PharmD, Mina Chau, PharmD
2020-21: Anisa Bici, PharmD, Anna Brecheisen, PharmD, David Jackson, PharmD

Preceptor— Ambulatory Care Internal Medicine Rotation Nov 2019-Present PGY1 Pharmacy Residency

2021-22: Mina Chau, PharmD, Amoreena Most, PharmD, Morgan Marriott, PharmD, Christy Khouderchah, PharmD
2020-21: Roberta Wilson, PharmD, Sydnee Cohen, PharmD, Jalen Evans, PharmD, Carolanne Wartman, PharmD, Jessica Sharkey, PharmD, Kaylee Clark, PharmD
2019-20: Millicynth Talagtag, PharmD, Brian Bazzell, PharmD

PGY2 Ambulatory Care Residency 2020-21: Jenni Xu, PharmD

<p>Preceptor— Longitudinal Teaching Experience</p> <p>2021-22: Jessica Andrews, PharmD, Christina Avery, PharmD, Rola Bazzi, PharmD, Hannah Christensen, PharmD, Joseph Ellijah, PharmD, Courtney Fedeson, PharmD, Holly Harnica, PharmD, Henry Huang, PharmD, Alexander Mueller, PharmD, Michelle Nguyen, PharmD, Pia Roa, PharmD, Caitlyn Young, PharmD</p> <p>2020-21: Renee Bookal, PharmD, Kirsten Carstarphen, PharmD, Taylor Coe, PharmD, Mary Jo Elder, PharmD, Sarah Hasan, PharmD, Lauren McCulley, PharmD, Emily Sahagian, PharmD, Andrew Smith, PharmD, Steven Stettner, PharmD, Lauren Williams, PharmD, Roberta Wilson, PharmD, Jenni Xu, PharmD</p> <p>2019-20: Zainab Alsamarae, PharmD, Grace Baek, PharmD, Melanie Green, PharmD, Brad Vincent, PharmD, Lindsey Weiland PharmD</p> <p>2018-19: Samantha Marayan, PharmD, Kayla Miller, PharmD, Rachel Pinckney, PharmD, Brad Vincent, PharmD</p>	<p>July 2018-Present</p>
<p>Preceptor/Co-Preceptor – Residency Research Projects</p> <p>PGY2 Ambulatory Care Residency</p> <p>2021-22: Henry Huang, PharmD</p> <p>2019-20: Zainab Alsamarae, PharmD</p> <p>2018-19: Katherine Cho, PharmD</p>	<p>July 2018-Present</p>
<p>Preceptor—Longitudinal Ambulatory Care Internal Medicine Rotation</p> <p>PGY1 Pharmacy Practice Residency</p> <p>2019-20: Madison Irwin, PharmD</p> <p>2018-19: Madeline Lipp, PharmD</p> <p>2017-18: Marina Maes, PharmD</p>	<p>Aug 2017-Present</p>
<p>Writing Project Mentor</p> <p>PGY2 Ambulatory Care Residency</p> <p>2020-21: Mary Jo Elder, PharmD; Jenni Xu, PharmD</p> <p>2019-20: Zainab Alsamarae, PharmD</p> <p>2018-19: Samantha Maryan, PharmD</p> <p>2017-18: Sarah Aldrich, PharmD</p> <p>PGY1 Community Practice Residency</p> <p>2019-20: Mary Jo Elder, PharmD</p>	<p>July 2017-Present</p>
<p>Mentor - PGY1 Pharmacy Practice Residency</p> <p>2017-18: Marina Maes, PharmD</p>	<p>July 2017-Present</p>
<p>Preceptor—Chronic Kidney Disease Rotation</p> <p>PGY2 Ambulatory Care Residency</p> <p>2021-22: Henry Huang, PharmD, Pia Roa, PharmD</p> <p>2020-21: Mary Jo Elder, PharmD, Jenni Xu, PharmD</p> <p>2019-20: Zainab Alsamarae, PharmD, Brad Vincent, PharmD</p> <p>2018-19: Katherine Cho, PharmD, Samantha Maryan, PharmD</p> <p>2017-18: Sarah Aldrich, PharmD, Amber Rollins, PharmD</p> <p>2016-17: Nada Farhat, PharmD, Jessica Fennelly, PharmD</p>	<p>Jan 2017-Present</p>

Clinic Immersion Shadow Experience – Michigan Medicine Medical Interns Jan 2017-Present

Mentor - Pharmacy Intern June 2017-June 2018

Oregon State University/Oregon Health & Science University College of Pharmacy, Portland, OR:
Preceptor—Interdisciplinary Community Health & Education Exchange (iCHEE) Feb-July 2016
 Oregon Health & Science University Global Health Center, Portland, OR

Preceptor—Ambulatory Care Rotation Aug 2015-July 2016
 PGY2 Ambulatory Care Residency
 Oregon State University/Oregon Health & Science University College of Pharmacy, Portland, OR
 2015-16: Elizabeth Le, PharmD

PROFESSIONAL AFFILIATIONS AND LEADERSHIP

National Kidney Foundation Mar 2018-Present

American College of Clinical Pharmacy (ACCP) Aug 2013-Present

- Volunteer Letter of Intent Reviewer Oct 2019-Present
- Volunteer Curriculum Vitae Reviewer Aug 2015-Present
- Vice-Chair, ACCP Clinical Affairs Committee Oct 2019-Oct 2020
- Appointed Member, ACCP Task Force on New Practitioners Oct 2018-Oct 2019
- Appointed Member, ACCP Educational Affairs Committee Nov 2017-Oct 2018
- Pilot Tester, Ambulatory Care Self-Assessment Program Nov 2016
- Pilot Tester, Pharmacotherapy Self-Assessment Program Oct 2016
- Appointed Member, ACCP Research Affairs Committee Aug 2015-Aug 2016
- Item Writer, ACCP Pharmacotherapy Mock Exam March 2016
- Appointed Member, ACCP Educational Affairs Committee Aug 2014-Aug 2015

Ambulatory Care PRN

- Volunteer Pharmacy Student Mentor Apr 2020-Present
- Appointed Member, ACCP Ambulatory Care PRN Scholarly Activities Committee Oct 2019-Present
- Member, ACCP Ambulatory Care PRN Aug 2013-Present
- Mentor, Ambulatory Care PRN Resident Journal Club Oct 2020
- Appointed Member, ACCP Ambulatory Care PRN Education Committee Nov 2016-Oct 2019
- Appointed Member, ACCP Ambulatory Care PRN Membership Committee Nov 2015-Oct 2016
- Member, ACCP Nephrology PRN Aug 2018-Present
- Member, ACCP Cardiology PRN Aug 2016-Present

The Rho Chi Society—Academic Honor Society in Pharmacy Mar 2011-Present
 Pharmacy Student Shadow March 2018-Present

American Society of Health-System Pharmacists (ASHP) Aug 2009-Present

- Pharmacy Student Mentor, ASHP Connect Sept 2016-Present
- Volunteer Student Curriculum Vitae Reviewer Apr 2016-Present
- Volunteer Student Poster Mentor, ASHP Midyear Clinical Meeting Dec 2015, Dec 2018
- Appointed Member, ASHP Section of Ambulatory Care Practitioners Aug 2014-June 2018
- Section Advisory Group on Clinical Practice Advancement

American Pharmacists Association	Aug 2009-May 2017
Volunteer Student Mentor, Diabetes Special Interest Group	Oct 2016-May 2017
Oregon Society of Health-System Pharmacists	Feb 2016-July 2016
Participant, Pharmacy Advancement Initiative Summit	Apr 2016

PROFESSIONAL SERVICE AND LEADERSHIP

National

Advancing American Kidney Health Workgroup	Oct 2020-Present
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Regional

Big Ten Academic Alliance-Pharmacy Based Assessment Committee	Mar 2020-Present
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University of Michigan College of Pharmacy, Ann Arbor, MI:

Entrustable Professional Activities Workgroup	March 2021-Present
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Clinical Program Coordinator, Ambulatory Care Enrichment Program	Nov 2020-Present
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Pharmacy Family Mentor	Aug 2019-Present
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Clinical Skills Committee	Sept 2018-Present
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Pharmacy Student Interviews	Oct 2017-Present Dec 2013-Feb 2014
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Experiential Education Committee	Aug 2017-Present
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Search Committee – Inpatient Focused Clinical Track Faculty	Jan 2020-Jun 2020
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Search Committee - Part-time Clinical Assistant Professor	Dec 2018-March 2019
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Michigan Medicine, Ann Arbor, MI:

Chronic Kidney Disease Guideline Committee	Oct 2019-Present
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Residency Program Coordinator – PGY2 Ambulatory Care Residency	Jul 2018-Present
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Residency Advisory Committee (RAC)	Jul 2018-Present Jul 2013-Jun 2015 Jun 2020-Present Mar 2020-Present
Co-Coordinator, Residency Teaching Certificate Program	
RAC Learning Experience Description Subcommittee	

PGY2 Chief Resident	Jul 2014-Jun 2015
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PGY1 Chief Resident	Jul 2013-Jun 2014
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Oregon State University/Oregon Health & Science University College of Pharmacy, Portland, OR:

Assessment Committee	Sep 2015-July 2016
P3 Student Mentor	Sep 2015-July 2016
Pharmacy Student Interviews	Oct 2015-Feb 2016

PEER REVIEW

Journal of the American Pharmacists Association
Journal of Pharmacy Practice
Currents in Pharmacy Teaching and Learning

SELECTED COMMUNITY SERVICE

Michigan Medicine and University of Michigan College of Pharmacy

SNPhA – Disparities in Diabetes Care, Invited Speaker	Mar 2022
APhA-ASP Patient Counseling Competition, Volunteer Judge	Jan 2022
SNPhA Lunch and Learn – Chronic Kidney Disease, Invited Speaker	Nov 2020
St. John Armenian Church Health Fair, Volunteer Pharmacy Student Preceptor	Oct 2019
Volunteer Judge, APhA-ASP Local Patient Counseling Competition	Feb 2019
Coalition on Temporary Shelter Health Fair, Volunteer Pharmacy Student Preceptor	Nov 2014, Nov 2018
Ann Arbor Farmer’s Market Health Outreach, Volunteer Pharmacy Student Preceptor	Mar 2018, Sept 2018
United Way Community Connect Health Fair, Volunteer Pharmacy Student Preceptor	Feb 2014, 2015, 2018
Food Gatherers, Food Bank Volunteer	Aug 2016
4 th Annual Juneteenth Event, Health Fair Volunteer	June 2015
Pre-Pharmacy Student Organization, Invited Speaker	Mar 2015
Ronald McDonald House of Michigan, Volunteer	Dec 2013, Feb 2015
APhA Operation Diabetes Health Fair, Volunteer Pharmacy Student Preceptor	Jan 2015
Northside Community Center Health Fair, Volunteer Pharmacy Student Preceptor	Nov 2014
Ambulatory Care Student Interest Group, Invited Speaker	Oct 2014
American Diabetes Association Camp Midicha, Volunteer Medical Staff	Jun 2014
Academy of Managed Care Pharmacy Student Networking Brunch, Volunteer	Mar 2014
Operation Diabetes Community Action Network, Volunteer Pharmacy Student Preceptor	Mar 2014
World Diabetes Day, Volunteer Pharmacy Student Preceptor	Nov 2013
College of Pharmacy Residency Preparation Sessions, Volunteer	Nov 2013

References available upon request