# 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**

University of North Carolina Eshelman School of Pharmacy, Chapel Hill, NC

Aug 2009-May 2013

# Bachelor of Science, Molecular, Cellular and Developmental Biology

University of Washington, Seattle, WA

Sep 2004-Jun 2008

#### **POSTGRADUATE TRAINING**

# Postgraduate Year Two (PGY2) Ambulatory Care Pharmacy Residency 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 Jul 2014-Jun 2015

# Postgraduate Year One (PGY1) Pharmacy Practice Residency PGY1 Chief Resident

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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 Jul 2013-Jun 2014

### PROFESSIONAL EXPERIENCE

#### Academic Appointments

#### **Clinical Assistant Professor**

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

# **Adjunct Clinical Assistant Professor**

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

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>Clinical Practice and Research Experience</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, CERTIFI	ICATIONS. AND TRAINING
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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
<b>Tobacco Treatment Specialist Certification Training</b> 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

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

**Health in the Context of Italian Culture** 

University of Utah, Salt Lake City, UT

**School on Alcoholism and Other Drug Dependencies** 

University of Washington Exploration Seminar, Vicenza, Italy

Jun 2012

Sep 2006

# **SELECTED AWARDS AND HONORS**

Making a Difference Award Michigan Medicine Employee Recognition Program	July 2022
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 Porgrams	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

- 19. Cho KH, Jang SM, **Ashjian EJ**. Evaluation of nephrology content in Doctor of Pharmacy curricula across United States pharmacy schools. *Am J Pharm Educ*. 2022 [epub ahead of print].
- 18. Xu J<sup>^</sup>, **Ashjian EJ.** Treatment of hypertriglyceridemia: A review of therapies in the pipeline. *J Pharm Pract.* 2021 [epub ahead of print].
- 17. Elder MJ<sup>^</sup>, **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<sup>^</sup>, **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<sup>^</sup>, **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.

#### Accepted

1. **Ashjian EJ**, Clarke MN, Pogue KP. Overview of finerenone and its role in the treatment of chronic kidney disease in patients with type 2 diabetes mellitus. Accepted to *Am J Health-Syst Pharm*.

# In preparation

- 5. Huang H, **Ashjian EJ**, Diez HL, Thompson AN. Patient and clinician perceptions of the conversion of an ambulatory care pharmacy service to telehealth at a large academic medical center.
- 4. **Ashjian EJ**, Kippes KK, Thompson AN. Impact of an independent patient centered medical home clinic experience during residency training on post-residency clinical confidence.
- 3. Elder MJ<sup>^</sup>, **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.

# **BOOK CHAPTERS**

- 2. **Ashjian EJ**. Folic Acid Deficiency Anemia. In: Matthias KR, Katz MD eds. Pharmacotherapy Principles and Practice Study Guide: A Case Based Care Plan Approach, 6<sup>th</sup> Edition. New York: McGraw Hill Medical; 2023. ISBN 978-1-264-27891-6.
- 1. **Ashjian EJ**. Vitamin B12 Deficiency Anemia. In: Matthias KR, Katz MD eds. Pharmacotherapy Principles and Practice Study Guide: A Case Based Care Plan Approach, 6<sup>th</sup> Edition. New York: McGraw Hill Medical; 2023. ISBN 978-1-264-27891-6.

### **EDUCATIONAL TRAINING PROGRAMS**

1. **Ashjian EJ**. CKD Treatment: Addressing Kidney and Cardiometabolic Outcomes – Part 1: ACEi/ARBs. In: Advancing Kidney Health Through Optimal Medication Management Chronic Kidney Disease Course. Electronic.

# **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<sup>^</sup>, **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**

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Cardio- and Nephroprotective Benefits of New Antidiabetic Agents American College of Clinical Pharmacy Global Conference on Clinical Pharmacy San Francisco, CA Oct 2022

Clinical Care Guidelines and Clinical Pearls

Jan 2023

ACPE certified continuing education presentation (ACPE # 0112-9999-17-442-L01-P)

June 2022

Clinical Pharmacist Training Program in Primary Care (Ambulatory Care Enrichment Program) Mar, June 2021 Ann Arbor, MI Jul 2019, Feb, Aug 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 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 to 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 Audience: Michigan Pharmacists Transforming Care & Quality Pharmacy Transformation Champions Ann Arbor, MI	Oct 2016
Diabetes: Transitions of care  ACPE certified continuing education presentation (ACPE # 0112-0000-15-107-L01-P)  Michigan Pharmacists Association Annual Convention, Detroit, MI	Feb 2015
<u>Local</u>	
Update on Emergency Contraception Audience: Michigan Medicine – Briarwood Medical Group Internal Medicine Physicians Ann Arbor, MI	Jan 2021
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 PRESNTATION ABSTRACTS	
26. Waheedi F^, Patel S*, Volek M*, <b>Ashjian EJ</b> . Real-world clinical outcomes for patients prescribed liraglutide (Saxenda) for weight loss by their primary care physician at a large academic medical Center. Vizient Pharmacy Network Resident Poster Session, December 4, 2022. Las Vegas, NV.	Dec 2022
25. Zerfas I^, Nachar V, Benitez L, Marini B, Mackler E, Thompson AN, <b>Ashjian EJ</b> . Management of hyperglycemia and hypertension in patients with hematologic malignancies. Vizient Pharmacy Network Resident Poster Session, December 4, 2022. Las Vegas, NV.	Dec 2022
24. <b>Ashjian EJ</b> , Kippes KA, Thompson AN. Impact of an independent patient centered medical home clinic experience during residency training on post-residency clinical confidence. American College of Clinical Pharmacy Global Conference on Clinical Pharmacy. October 15-18, 2022. San Francisco, CA.	
23. Jang SM, Cho KH, <b>Ashjian EJ</b> . Evaluation of nephrology content in doctor of pharmacy curricula across United States pharmacy schools. 2022 American Association of Colleges of Pharmacy Annual Meeting. July 23-27, 2022. Grapevine, TX.	July 2022
22. Smith K*, Hammond C*, Harmer K*, Thompson AN, <b>Ashjian EJ</b> . 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
21. Huang H <sup>^</sup> , <b>Ashjian EJ</b> , Diez HL, Thompson AN. 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. Vizient Pharmacy Network Resident Poster Session, December 1-2, 2021. Virtual.	Dec 2021
20. <b>Ashjian EJ,</b> 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. <b>Ashjian EJ</b> , 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.	July 2020

American Association of Colleges of Pharmacy Annual Meeting. July 13-31, 2020. Virtual.

18. Cho KH<sup>^</sup>, Alsamarae Z<sup>^</sup>, **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

Mar 2020

care at a multidisciplinary chronic kidney disease clinic. National Kidney Foundation Spring Clinical Meeting. March 25-29, 2020. Virtual.

- 17. Alsamarae Z^, **Ashjian EJ**, Costello G, Pai AB. Assessment of patient knowledge about risk factors Dec 2019 for chronic kidney disease in primary care. 2019 Vizient Pharmacy Resident Poster Session, December 7, 2019. Las Vegas, NV
- 16. Pai AB, **Ashjian EJ**, Cho KH<sup>^</sup>. Leveraging a tenure-track/non-tenure track faculty partnership to Oct 2019 expand clinical services and scholarship in nephrology. American College of Clinical Pharmacy Conference, October 26-29, 2019. New York, NY.
- 15. Cho KH<sup>^</sup>, **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.
- 14. Cho KH<sup>^</sup>, **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.
- 13. Cho K^, **Ashjian EJ**, Costello G, Pai AB. Impact of a pharmacist-led dietary sodium intervention Dec 2018 in a multidisciplinary chronic kidney disease clinic. 2018 American Society of Health-System Pharmacists Midyear Clinical Meeting, December 2-6, 2018. Anaheim, CA.
- 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.
- 11. Galura G\*, Codd C\*, Costello G, **Ashjian E**, Pai A. Assessment of NSAID literacy and numeracy in Oct 2018 patients at a multidisciplinary chronic kidney disease clinic. American College of Clinical Pharmacy Global Conference, October 20-23, 2018. Seattle, WA.
- 10. **Ashjian E**, Le E^, Singh H, Bajaj K, Martin B. Partnership with clinical pharmacists: Optimizing the Jun 2016 quality of diabetes care in an underserved population. National Health Care for the Homeless Conference & Policy Symposium, June 1-2, 2016. Portland, OR.
- 9. Barnes G, **Ashjian E**, Yeshe R\*, Renner E, Kurtz B. Impact of a pharmacist-led outpatient Feb 2016 direct oral anticoagulation service. American Heart Association Quality of Care and Outcomes Research 2016 Scientific Sessions, February 28-March 1, 2016. Phoenix, AZ.
- 8. **Ashjian E**, Renner E, Kurtz B, Yeshe R\*, Barnes G. Impact of a pharmacist managed direct oral Dec 2015 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.
- 7. Rothermal M\*, Farris K, **Ashjian E**, Dorsch M. Utilizing social network advertising to provide access Dec 2015 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.

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 2022-Present

#### Management of chronic diseases in patients with hematologic malignancies

Principal Investigator: Isabelle Zerfas, PharmD (resident)

Co-Investigators: Emily Ashjian, PharmD, BCPS, BCACP, CDCES, Lydia Benitez, PharmD, BCOP, Victoria Nachar, PharmD, BCOP, Bernie Marini, PharmD, BCOP, Amy Thompson, PharmD, BCACP, Anthony Perissinotti, PharmD, BCOP

Michigan Medicine Aug 2022-Present

# Real-world clinical outcomes for patients prescribed liraglutide for weight loss by their primary care provider at a large academic medical center

Principal Investigator: Fatima Waheedi, PharmD (resident)

Co-Investigators: Emily Ashjian, PharmD, BCPS, BCACP, CDCES, Sruja Patel (student),

Marissa Volek (student)

# University of Michigan College of Pharmacy

Aug 2022-Present

# Impact of telehealth on student perceptions of an early ambulatory care practice experience

Principal Investiagtor: Gundy Sweet, PharmD

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

Jinsun Ryu (student)

# 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-Coordinators: 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**

Jan 2019-Present

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, Fran Trott

Class of 2021: Joseph Haroney

#### **Selected Topics in Ambulatory Care**

Aug 2018-Present

Mar 2014

P723 Pharmacy Practice Skills III (30 hours)

Course Co-Corrdinator: Kristen Ward, PharmD (2020)

Kellie Kippes, PharmD, BCPS, BCACP (2018)

#### Mock Interviews Mar 2018-Present

P727 Career and Professional Development (up to two students per year)

Course Coordinator: Mike Kraft, PharmD, BCNSP

**PharmD Seminar Preceptor** 

Sept 2017 - Present

P730 PharmD Seminar

Course Coordinator: Jamie Park, PharmD, MS, FCCP, BCPS

2022-23: Allison Fields

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

**Diabetes Patient Skills Lab** 

Feb 2022 - Present

P612 Therapeutic Problem Solving (3 laboratory hours)
Course Coordinator: Kristin Klein, PharmD, FPPAG

Patient Case Lab April 2023

P612 Therapeutic Problem Solving (3 laboratory hours) Course Coordinator: Kristin Klein, PharmD, FPPAG

Aging Patient Skills Lab Apri 2020

P612 Therapeutic Problem Solving (3 laboratory hours) Course Coordinator: Kristin Klein, PharmD, FPPAG

**Community Programs for National Kidney Foundation of Michigan** 

Jan 2019-April 2019

P570 Independent Study

Course Coordinator: Amy Pai, PharmD, MHI, FASN, FCCP, FNKF

P552 Chronic Disease State Management (30 laboratory hours)

Blood Pressure Skills Lab Sept 2018

P602 Therapeutic Problem Solving (2 laboratory hours)

Course Coordinator: Trisha Wells, PharmD

**Selected Topics in Ambulatory Care** 

Oct-Dec 2014

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

Asthma Device Lab Nov 2014

P602 Therapeutic Problem Solving (2 laboratory hours)

Course Coordinator: Barry Bleske, PharmD

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

2022-23: Kate Brooker, Annie Cheung, Leia Nazario, Jessica Orizu

Secondary Preceptor: Lindsay Cohen, Iris He 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

2022-23: Kenton Cooksey, PharmD, Valerie Moore, PharmD,

Nick Shabanowitz, PharmD, Ashlyn Whitesell, PharmD, Matthew Wittman, PharmD

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** 

2022-23: Brianna Groen, PharmD, Megumi Olsen, PharmD, Alex Nixon, PharmD,

Abdullah Al-Ajmi, PharmD

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** 

2022-23: Fatima Waheedi, PharmD

2020-21: Jenni Xu, PharmD

#### **Preceptor**— Longitudinal Teaching Experience

July 2018-Present

2022-23: Shams Azzawi, PharmD, Christopher Blazy, PharmD, Marina Capitanov, PharmD, Robert Dedo, PharmD, Rachel DeMarco, PharmD, Kelsey Ernst, PharmD,

William Fryfogle, PharmD, Julia Nahle, PharmD, Lauren Quiroga, PharmD, Frances Trott, PharmD, Fatima Waheedi, PharmD, Ashlyn Whitesell, PharmD

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

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

2019-20: Zainab Alsamarae, PharmD, Grace Baek, PharmD, Melanie Green, PharmD, Brad Vincent, PharmD, Lindsey Weiland PharmD

2018-19: Samantha Marayan, PharmD, Kayla Miller, PharmD, Rachel Pinckney, PharmD, Brad Vincent, PharmD

# Preceptor/Co-Preceptor – Residency Research Projects

July 2018-Present

PGY2 Ambulatory Care Residency

2022-23: Fatima Waheedi, PharmD, Isabelle Zerfas, PharmD

2021-22: Henry Huang, PharmD

2019-20: Zainab Alsamarae, PharmD

2018-19: Katherine Cho, PharmD

#### Preceptor—Longitudinal Ambulatory Care Internal Medicine Rotation

Aug 2017-Present

PGY1 Pharmacy Practice Residency

2019-20: Madison Irwin, PharmD

2018-19: Madeline Lipp, PharmD

2017-18: Marina Maes, PharmD

# **Writing Project Mentor**

July 2017-Present

PGY2 Ambulatory Care Residency

2020-21: Mary Jo Elder, PharmD; Jenni Xu, PharmD

2019-20: Zainab Alsamarae, PharmD

2018-19: Samantha Maryan, PharmD

2017-18: Sarah Aldrich, PharmD

#### PGY1 Community Practice Residency

2019-20: Mary Jo Elder, PharmD

#### **Mentor - PGY1 Pharmacy Practice Residency**

2022-23: Anastazia Capparelli, PharmD

2017-18: Marina Maes, PharmD

# **Preceptor—Chronic Kidney Disease Rotation**

Jan 2017-Present

July 2017-Present

PGY2 Ambulatory Care Residency

2022-23: Kelsey Ernst, PharmD

2021-22: Henry Huang, PharmD, Pia Roa, PharmD

2020-21: Mary Jo Elder, PharmD, Jenni Xu, PharmD

2019-20: Zainab Alsamarae, PharmD, Brad Vincent, PharmD

2018-19: Katherine Cho, PharmD, Samantha Maryan, PharmD

2017-18: Sarah Aldrich, PharmD, Amber Rollins, PharmD

2016-17: Nada Farhat, PharmD, Jessica Fennelly, PharmD

#### 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

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

March 2018-Present

Pharmacy Student Shadow

American Society of Health-System Pharmacists (ASHP) Aug 2009-Present Aug 2022-Present

Appointed Member, Section of Pharmacy Educators Advisory Group on Development of Post-Graduate Education and Learning Experiences

Pharmacy Student Mentor, ASHP Connect Sept 2016-Present Volunteer Student Curriculum Vitae Reviewer Apr 2016-Present

Mar 2011-Present

Volunteer Student Poster Mentor, ASHP Midyear Clinical Meeting Appointed Member, ASHP Section of Ambulatory Care Practitioners Section Advisory Group on Clinical Practice Advancement	Dec 2015, Dec 2018 Aug 2014-June 2018
National Kidney Foundation	Mar 2018-Mar 2020
American Pharmacists Association Volunteer Student Mentor, Diabetes Special Interest Group	Aug 2009-May 2017 Oct 2016-May 2017
Oregon Society of Health-System Pharmacists Participant, Pharmacy Advancement Initiative Summit	Feb 2016-July 2016 Apr 2016
PROFESSIONAL SERVICE AND LEADERSHIP	
<u>National</u>	
National Kidney Foundation CKD Project ECHO Hub Committee	Jan 2023 - Present
Advancing Kidney Health Through Optimal Medication Management Educational Standards Workgroup	Oct 2020-Present
<u>Regional</u>	
Big Ten Academic Alliance-Pharmacy Based Assessment Committee	Mar 2020-Present
University of Michigan College of Pharmacy, Ann Arbor, MI:	
Standardized Patient Workgroup	Sept 2022-Present
Entrustable Professional Activities Workgroup	March 2021-Present
Clinical Program Coordinator, Ambulatory Care Enrichment Program	Nov 2020-Present
Pharmacy Phamily Mentor	Aug 2019-Present
Clinical Skills Committee	Sept 2018-Present
Pharmacy Student Interviews	Oct 2017-Present Dec 2013-Feb 2014
Experiential Education Committee	Aug 2017-Present
Search Committee – Inpatient Focused Clinical Track Faculty	Jan 2020-Jun 2020
Search Committee - Part-time Clinical Assistant Professor	Dec 2018-March 2019
Michigan Medicine, Ann Arbor, MI:	
Residency Program Director – PGY2 Ambulatory Care Residency	July 2022-Present

Chronic Kidney Disease Guideline Committee	Oct 2019-Present
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Residency Program Coordinator – PGY2 Ambulatory Care Residency Jul 2018-June 2022

Residency Advisory Committee (RAC)

Jul 2018-Present

Jul 2013-Jun 2015

Co-Coordinator, Residency Teaching Certificate Program

RAC Learning Experience Description Subcomittee

Jun 2020-Present

Mar 2020-Present

PGY2 Chief Resident Jul 2014-Jun 2015

PGY1 Chief Resident Jul 2013-Jun 2014

# 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

APhA-ASP Patient Counseling Competition, Volunteer Judge  SNPhA Lunch and Learn – Chronic Kidney Disease, Invited Speaker  Nov 2020 St. John Armenian Church Health Fair, Volunteer Pharmacy Student Preceptor  Volunteer Judge, APhA-ASP Local Patient Counseling Competition  Coalition on Temporary Shelter Health Fair, Volunteer Pharmacy Student Preceptor  Ann Arbor Farmer's Market Health Outreach, Volunteer Pharmacy Student Preceptor  United Way Community Connect Health Fair, Volunteer Pharmacy Student Preceptor  United Way Community Connect Health Fair, Volunteer Pharmacy Student Preceptor  Feb 2014, Sept 2018 Food Gatherers, Food Bank Volunteer  Food Gatherers, Food Bank Volunteer  Feb 2014, 2015, 2018 Food Gatherers, Food Bank Volunteer  Feb 2014, 2015, 2018 Food Gatherers, Food Bank Volunteer  Feb 2014, 2015, 2018 Food Gatherers, Food Bank Volunteer  Feb 2014, 2015, 2018 Feb 201	SNPhA – Disparities in Diabetes Care, Invited Speaker	Mar 2022
St. John Armenian Church Health Fair, Volunteer Pharmacy Student Preceptor  Volunteer Judge, APhA-ASP Local Patient Counseling Competition  Coalition on Temporary Shelter Health Fair, Volunteer Pharmacy Student Preceptor  Ann Arbor Farmer's Market Health Outreach, Volunteer Pharmacy Student Preceptor  United Way Community Connect Health Fair, Volunteer Pharmacy Student Preceptor  Feb 2014, 2015, 2018  Prood Gatherers, Food Bank Volunteer  4th Annual Juneteenth Event, Health Fair Volunteer  Pre-Pharmacy Student Organization, Invited Speaker  Ronald McDonald House of Michigan, Volunteer  APhA Operation Diabetes Health Fair, Volunteer Pharmacy Student Preceptor  APhA Operation Diabetes Health Fair, Volunteer Pharmacy Student Preceptor  Northside Community Center Health Fair, Volunteer Pharmacy Student Preceptor  Ambulatory Care Student Interest Group, Invited Speaker  American Diabetes Association Camp Midicha, Volunteer Medical Staff  Jun 2014  Academy of Managed Care Pharmacy Student Networking Brunch, Volunteer  Operation Diabetes Community Action Network, Volunteer Pharmacy Student Preceptor  World Diabetes Day, Volunteer Pharmacy Student Preceptor  Nov 2013	APhA-ASP Patient Counseling Competition, Volunteer Judge	Jan 2022
Volunteer Judge, APhA-ASP Local Patient Counseling Competition  Coalition on Temporary Shelter Health Fair, Volunteer Pharmacy Student Preceptor Ann Arbor Farmer's Market Health Outreach, Volunteer Pharmacy Student Preceptor United Way Community Connect Health Fair, Volunteer Pharmacy Student Preceptor Food Gatherers, Food Bank Volunteer  4th Annual Juneteenth Event, Health Fair Volunteer Pharmacy Student Organization, Invited Speaker Ronald McDonald House of Michigan, Volunteer APhA Operation Diabetes Health Fair, Volunteer Pharmacy Student Preceptor Ambulatory Care Student Interest Group, Invited Speaker American Diabetes Association Camp Midicha, Volunteer Medical Staff Academy of Managed Care Pharmacy Student Networking Brunch, Volunteer World Diabetes Day, Volunteer Pharmacy Student Preceptor Nov 2014 World Diabetes Day, Volunteer Pharmacy Student Preceptor Nov 2014 Nar 2015 Nov 2014 Nar 2016 Nov 2016 Nov 2016 Nov 2016 Nov 2017 Nov 2017 Nov 2018 Nov 2019	SNPhA Lunch and Learn – Chronic Kidney Disease, Invited Speaker	Nov 2020
Coalition on Temporary Shelter Health Fair, Volunteer Pharmacy Student Preceptor Ann Arbor Farmer's Market Health Outreach, Volunteer Pharmacy Student Preceptor United Way Community Connect Health Fair, Volunteer Pharmacy Student Preceptor Food Gatherers, Food Bank Volunteer Food Gatherers, Food Bank Volunteer Aug 2016  4 <sup>th</sup> Annual Juneteenth Event, Health Fair Volunteer Pre-Pharmacy Student Organization, Invited Speaker Ronald McDonald House of Michigan, Volunteer APhA Operation Diabetes Health Fair, Volunteer Pharmacy Student Preceptor Northside Community Center Health Fair, Volunteer Pharmacy Student Preceptor Ambulatory Care Student Interest Group, Invited Speaker American Diabetes Association Camp Midicha, Volunteer Medical Staff Academy of Managed Care Pharmacy Student Networking Brunch, Volunteer Operation Diabetes Community Action Network, Volunteer Pharmacy Student Preceptor World Diabetes Day, Volunteer Pharmacy Student Preceptor Nov 2013	St. John Armenian Church Health Fair, Volunteer Pharmacy Student Preceptor	Oct 2019
Ann Arbor Farmer's Market Health Outreach, Volunteer Pharmacy Student Preceptor United Way Community Connect Health Fair, Volunteer Pharmacy Student Preceptor Food Gatherers, Food Bank Volunteer 4th Annual Juneteenth Event, Health Fair Volunteer Pre-Pharmacy Student Organization, Invited Speaker Ronald McDonald House of Michigan, Volunteer APhA Operation Diabetes Health Fair, Volunteer Pharmacy Student Preceptor Northside Community Center Health Fair, Volunteer Pharmacy Student Preceptor Ambulatory Care Student Interest Group, Invited Speaker American Diabetes Association Camp Midicha, Volunteer Medical Staff Academy of Managed Care Pharmacy Student Networking Brunch, Volunteer Operation Diabetes Community Action Network, Volunteer Pharmacy Student Preceptor World Diabetes Day, Volunteer Pharmacy Student Preceptor Nov 2013	Volunteer Judge, APhA-ASP Local Patient Counseling Competition	Feb 2019
United Way Community Connect Health Fair, Volunteer Pharmacy Student Preceptor Food Gatherers, Food Bank Volunteer  4 <sup>th</sup> Annual Juneteenth Event, Health Fair Volunteer Pharmacy Student Organization, Invited Speaker Pre-Pharmacy Student Organization, Invited Speaker Ronald McDonald House of Michigan, Volunteer APhA Operation Diabetes Health Fair, Volunteer Pharmacy Student Preceptor Northside Community Center Health Fair, Volunteer Pharmacy Student Preceptor Ambulatory Care Student Interest Group, Invited Speaker American Diabetes Association Camp Midicha, Volunteer Medical Staff Academy of Managed Care Pharmacy Student Networking Brunch, Volunteer Operation Diabetes Community Action Network, Volunteer Pharmacy Student Preceptor World Diabetes Day, Volunteer Pharmacy Student Preceptor Nov 2013	Coalition on Temporary Shelter Health Fair, Volunteer Pharmacy Student Preceptor	Nov 2014, Nov 2018
Food Gatherers, Food Bank Volunteer  4 <sup>th</sup> Annual Juneteenth Event, Health Fair Volunteer  Pre-Pharmacy Student Organization, Invited Speaker  Ronald McDonald House of Michigan, Volunteer  APhA Operation Diabetes Health Fair, Volunteer Pharmacy Student Preceptor  Northside Community Center Health Fair, Volunteer Pharmacy Student Preceptor  Ambulatory Care Student Interest Group, Invited Speaker  American Diabetes Association Camp Midicha, Volunteer Medical Staff  Academy of Managed Care Pharmacy Student Networking Brunch, Volunteer  Operation Diabetes Community Action Network, Volunteer Pharmacy Student Preceptor  World Diabetes Day, Volunteer Pharmacy Student Preceptor  Nov 2013	Ann Arbor Farmer's Market Health Outreach, Volunteer Pharmacy Student Preceptor	Mar 2018, Sept 2018
4 <sup>th</sup> Annual Juneteenth Event, Health Fair Volunteer  Pre-Pharmacy Student Organization, Invited Speaker  Ronald McDonald House of Michigan, Volunteer  APhA Operation Diabetes Health Fair, Volunteer Pharmacy Student Preceptor  Northside Community Center Health Fair, Volunteer Pharmacy Student Preceptor  Ambulatory Care Student Interest Group, Invited Speaker  American Diabetes Association Camp Midicha, Volunteer Medical Staff  Academy of Managed Care Pharmacy Student Networking Brunch, Volunteer  Operation Diabetes Community Action Network, Volunteer Pharmacy Student Preceptor  World Diabetes Day, Volunteer Pharmacy Student Preceptor  Nov 2013	United Way Community Connect Health Fair, Volunteer Pharmacy Student Preceptor	Feb 2014, 2015, 2018
Pre-Pharmacy Student Organization, Invited Speaker  Ronald McDonald House of Michigan, Volunteer  APhA Operation Diabetes Health Fair, Volunteer Pharmacy Student Preceptor  Northside Community Center Health Fair, Volunteer Pharmacy Student Preceptor  Ambulatory Care Student Interest Group, Invited Speaker  American Diabetes Association Camp Midicha, Volunteer Medical Staff  Academy of Managed Care Pharmacy Student Networking Brunch, Volunteer  Operation Diabetes Community Action Network, Volunteer Pharmacy Student Preceptor  World Diabetes Day, Volunteer Pharmacy Student Preceptor  Nov 2013	Food Gatherers, Food Bank Volunteer	Aug 2016
Ronald McDonald House of Michigan, Volunteer  APhA Operation Diabetes Health Fair, Volunteer Pharmacy Student Preceptor  Northside Community Center Health Fair, Volunteer Pharmacy Student Preceptor  Ambulatory Care Student Interest Group, Invited Speaker  American Diabetes Association Camp Midicha, Volunteer Medical Staff  Academy of Managed Care Pharmacy Student Networking Brunch, Volunteer  Operation Diabetes Community Action Network, Volunteer Pharmacy Student Preceptor  World Diabetes Day, Volunteer Pharmacy Student Preceptor  Nov 2013	4 <sup>th</sup> Annual Juneteenth Event, Health Fair Volunteer	June 2015
APhA Operation Diabetes Health Fair, Volunteer Pharmacy Student Preceptor  Northside Community Center Health Fair, Volunteer Pharmacy Student Preceptor  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  Operation Diabetes Community Action Network, Volunteer Pharmacy Student Preceptor  World Diabetes Day, Volunteer Pharmacy Student Preceptor  Nov 2013	Pre-Pharmacy Student Organization, Invited Speaker	Mar 2015
Northside Community Center Health Fair, Volunteer Pharmacy Student Preceptor  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  Operation Diabetes Community Action Network, Volunteer Pharmacy Student Preceptor  World Diabetes Day, Volunteer Pharmacy Student Preceptor  Nov 2013	Ronald McDonald House of Michigan, Volunteer	Dec 2013, Feb 2015
Ambulatory Care Student Interest Group, Invited Speaker  American Diabetes Association Camp Midicha, Volunteer Medical Staff  Academy of Managed Care Pharmacy Student Networking Brunch, Volunteer  Operation Diabetes Community Action Network, Volunteer Pharmacy Student Preceptor  World Diabetes Day, Volunteer Pharmacy Student Preceptor  Nov 2013	APhA Operation Diabetes Health Fair, Volunteer Pharmacy Student Preceptor	Jan 2015
American Diabetes Association Camp Midicha, Volunteer Medical Staff  Academy of Managed Care Pharmacy Student Networking Brunch, Volunteer  Operation Diabetes Community Action Network, Volunteer Pharmacy Student Preceptor  World Diabetes Day, Volunteer Pharmacy Student Preceptor  Nov 2013	Northside Community Center Health Fair, Volunteer Pharmacy Student Preceptor	Nov 2014
Academy of Managed Care Pharmacy Student Networking Brunch, Volunteer  Operation Diabetes Community Action Network, Volunteer Pharmacy Student Preceptor  World Diabetes Day, Volunteer Pharmacy Student Preceptor  Nov 2013	Ambulatory Care Student Interest Group, Invited Speaker	Oct 2014
Operation Diabetes Community Action Network, Volunteer Pharmacy Student Preceptor Mar 2014 World Diabetes Day, Volunteer Pharmacy Student Preceptor Nov 2013	American Diabetes Association Camp Midicha, Volunteer Medical Staff	Jun 2014
World Diabetes Day, Volunteer Pharmacy Student Preceptor Nov 2013	Academy of Managed Care Pharmacy Student Networking Brunch, Volunteer	Mar 2014
	Operation Diabetes Community Action Network, Volunteer Pharmacy Student Preceptor	Mar 2014
College of Pharmacy Residency Preparation Sessions, Volunteer Nov 2013	World Diabetes Day, Volunteer Pharmacy Student Preceptor	Nov 2013
	College of Pharmacy Residency Preparation Sessions, Volunteer	Nov 2013

References available upon request			