

Hae Mi Choe, PharmD

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Ann Arbor, MI 48109

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Professional Experiences

- 2019
- Executive Director
Michigan Institute for Care Management & Transformation (MICMT)
Blue Cross Blue Shield of Michigan (BCBSM)
 - Chief Quality Officer, University of Michigan Medical Group
Michigan Medicine
 - Associate Director, Precision Health Implementation
University of Michigan
 - Associate Dean, Pharmacy Innovations & Partnerships
University of Michigan College of Pharmacy
 - Clinical Professor of Pharmacy
Department of Clinical Pharmacy
University of Michigan College of Pharmacy
 - Director, Pharmacy Innovations & Partnerships
University of Michigan Medical Group
University of Michigan Health System (UMHS)
- 2018
- Chief Quality Officer, University of Michigan Medical Group
Michigan Medicine
 - Associate Director, Precision Health Implementation
University of Michigan
 - Associate Dean, Pharmacy Innovations & Partnerships
University of Michigan College of Pharmacy
 - Coordinating Center Director
Michigan Pharmacists Transforming Care & Quality (MPTCQ)
Blue Cross Blue Shield of Michigan (BCBSM)
 - Clinical Associate Professor of Pharmacy
Department of Clinical Pharmacy
University of Michigan College of Pharmacy

Director, Pharmacy Innovations & Partnerships
University of Michigan Medical Group
University of Michigan Health System (UMHS)

2016 - 2018

Associate Dean, Pharmacy Innovations & Partnerships
University of Michigan College of Pharmacy

Coordinating Center Director
Michigan Pharmacists Transforming Care & Quality (MPTCQ)
Blue Cross Blue Shield of Michigan (BCBSM)

Clinical Associate Professor of Pharmacy
Department of Clinical Pharmacy
University of Michigan College of Pharmacy

Director, Pharmacy Innovations & Partnerships
University of Michigan Medical Group
University of Michigan Health System (UMHS)

Director, Pharmacy Programs
Physician Organization of Michigan (POM) ACO, LLC

2014 - 2016

Director, Pharmacy Innovations & Clinical Practices
Faculty Group Practice, University of Michigan Health System (UMHS)

Clinical Associate Professor of Pharmacy
Department of Clinical, Social & Administrative Sciences
University of Michigan College of Pharmacy

Director, Pharmacy Programs
Physician Organization of Michigan (POM) ACO, LLC

2009 - 2013

Director, Innovative Ambulatory Pharmacy Practices
Department of Pharmacy, University of Michigan Health System (UMHS)

Clinical Associate Professor of Pharmacy
Department of Clinical, Social & Administrative Sciences
University of Michigan College of Pharmacy

Patient Centered Medical Home (PCMH) Pharmacist
East Ann Arbor Health Center
University of Michigan Health System (UMHS)

1999 - 2008

Clinical Assistant Professor of Pharmacy
Department of Clinical, Social & Administrative Sciences
University of Michigan College of Pharmacy

Ambulatory Care Clinical Pharmacist
East Ann Arbor Health Center
University of Michigan Health System (UMHS)

1994 - 1997 Clinical Pharmacist Consultant
 Samsung Medical Center
 Seoul, Korea

 Invited Lecturer
 Sookmyung University, College of Pharmacy
 Seoul, Korea

Postgraduate Training

1993 - 1994 Pharmacy Practice Residency
 Kaiser Permanente Medical Center
 Los Angeles, California

Education

1989 - 1993 Doctorate of Pharmacy
 University of California, San Francisco (UCSF) College of Pharmacy
 San Francisco, California

1985 - 1989 Bachelor of Science in Biochemistry/Cell Biology
 University of California, San Diego (UCSD)
 La Jolla, California

Honors and Awards

2018 Selected as best Hypertension Pharmacy Program nationally
 Centers for Disease Control and Prevention (CDC)

2016 President's Award
 Michigan Society of Health-System Pharmacists

2015 Innovative Practice Award
 Southeastern Michigan Society of Health-System Pharmacists (SMSHP)

2015 Integrated Pharmacy Models in Primary Care
 Selected as One of Five Best Pharmacy Practice Models
 The Advisory Board Company

2014 *Pharmacy Today* Cover Story (Creative Pioneer, Choe Integrates Pharmacists into Care)
 National Edition December 2014

- 2014 American Pharmacists Association (APhA) Foundation
Pinnacle Award – Individual Award for Career Achievement
- 2014 Center for Healthcare Research & Transformation (CHRT) Policy Fellowship
University of Michigan/Blue Cross Blue Shield of Michigan
- 2011 Best Practice Award
American Society of Health System Pharmacists (ASHP)
- 2011 Innovative Pharmacy Practice Award
Michigan Pharmacists Association
- 2008 Advanced Leadership Program
Center for the Education of Women (CEW), University of Michigan
Nominated by University of Michigan College of Pharmacy
- 2008 Crystal APPLE (Academic-Practice Partnerships for Learning Excellence) Award
for excellence in providing exemplary experiential education
American Association of Colleges of Pharmacy (AACP)
- 2007 Innovative Health Care Award
National Kidney Foundation of Michigan
- 2006 Pinnacle Award – Innovations in Diabetes Care
Michigan Association of Health Plans
- 2006 Best Practice Outcomes Team
Academic Chronic Care Collaborative
Association of American Medical Colleges (AAMC)
- 2006 Excellence in Teaching Award Recipient
University of Michigan College of Pharmacy
- 2005 Pharmacy Today One to One Patient Counseling Award
American Pharmacists Association (APhA)
- 2004 Innovative Pharmacy Practice Award
Michigan Pharmacists Association
- 2002 - 2004 Excellence in Teaching Award Finalist
University of Michigan College of Pharmacy
- 2002 APhA Self-Care Institute Scholarship
University of Michigan College of Pharmacy Representative
- 1997 Recognition for Contribution and Dedication Service Award
Samsung Medical Center
Seoul, Korea

Professional Activities***Hospital/College Committees***

| | |
|----------------|---|
| 2013 - Present | Palliative Care Executive Steering Committee University of Michigan Health System |
| 2013 - 2016 | Palliative Care Education Committee University of Michigan Health System |
| 2013 - Present | MiChart Population Management Committee (MPMC) University of Michigan Health System |
| 2013 - 2015 | Clinical Skills Committee (Chair) University of Michigan, College of Pharmacy |
| 2015 - Present | Clinical Skills Committee University of Michigan, College of Pharmacy |
| 2012 - Present | Accountable Care Organization (ACO) Steering Committee University of Michigan Health System |
| 2012 - Present | Patient Centered Medical Home Reimbursement Committee University of Michigan Health System |
| 2010 - 2016 | Control Substance Quality Improvement Committee University of Michigan Health System |
| 2009 - Present | Patient Centered Medical Home Committee University of Michigan Health System |
| 2006 - Present | UMHS Clinical Care Guidelines – Diabetes Mellitus Guideline Team University of Michigan Health System |
| 2005 - 2016 | Diabetes Mellitus Quality Improvement Committee (Co-Chair) University of Michigan Health System |
| 2011 - 2013 | CSAS Leadership Committee University of Michigan College of Pharmacy |
| 2011 - 2013 | Experiential Training Committee University of Michigan College of Pharmacy |
| 2011 | Ambulatory Care Faculty Search Committee (Chair) Ambulatory Care Education Position Search Committee (Chair) University of Michigan College of Pharmacy |
| 2010 - 2011 | Pharmacy Benefit Advisory Committee (PBAC) Committee University of Michigan Health System |
| 2009 - 2013 | Practitioner Relations Committee |

| | |
|-------------|---|
| | University of Michigan College of Pharmacy |
| 2007 - 2010 | Teaching Effectiveness Committee University of Michigan College of Pharmacy |
| 2007 - 2009 | P&T – Glycemic Management Subcommittee University of Michigan Health System |
| 2006 - 2010 | Advisory Board of the Diabetes Education Program University of Michigan Health System |
| 2005 - 2006 | Academic Chronic Care Collaborative Association of American Medical Colleges (AAMC) |
| 2005 - 2007 | Medication Therapy Management Services Committee University of Michigan College of Pharmacy |
| 2005 | Ambulatory Care Faculty Search Committee (Chair) University of Michigan College of Pharmacy |
| 2004 - 2010 | Patient Education Advisory Committee (PEAC) University of Michigan Health System |
| 2004 - 2009 | Patient Education Oversight Committee (PEOC) University of Michigan Health System |
| 2003 - 2004 | Diabetes Mellitus Quality Improvement Initiative Subcommittee University of Michigan Health System |
| 2002 - 2010 | Pharm.D. Investigations Committee University of Michigan College of Pharmacy |
| 2002 | Pharmaceutical Care Committee University of Michigan College of Pharmacy |

Professional Organization Committees/TaskForce

| | |
|------|---|
| 2014 | Patient Centered Medical Home Pharmacists Leadership Training Program American Society of Health-System Pharmacists (ASHP) |
| 2014 | Chronic Disease Medical Home Task Force (Pharmacist Representative) University HealthSystem Consortium (UHC) |
| 2014 | Ambulatory Care Summit - Invited Participants Michigan Society of Health-System Pharmacists (MSHP) |
| 2013 | Ambulatory Care Conference and Summit Educational Steering Committee American Society of Health-System Pharmacists (ASHP) |

2012 Accountable Care Organization (ACO) Task Force
American Society of Health-System Pharmacists (ASHP)

2011 - 2012 Patient Centered Medical Home Task Force
Michigan Pharmacist Association (MPA)

Reviewer

2003 - 2010 American Pharmacists Association (APhA) Handbook of Nonprescription Drugs OTC

2008 American Journal of Managed Care

2007 University of Michigan web-based Continuing Education Program

2006, 1999 American Journal of Health-System Pharmacy (AJHP)

2001 - 2004 Pharmacotherapy

Community Service

2003 Diabetes Patient Education Program
East Ann Arbor Health Center

2000 Operation Diabetes Project
University of Michigan, College of Pharmacy

Teaching Experience

2011 - 2016 Team-Based Learning (Diabetes)
P431, Pathophysiology and Therapeutics
University of Michigan College of Pharmacy

2004 - Present Independent Research Study
University of Michigan College of Pharmacy

2000 - Present Ambulatory Care Clerkship Rotation
University of Michigan College of Pharmacy

2000 - 2017 Pharm.D. Seminar Advisor
University of Michigan College of Pharmacy

2000 - Present Pharm.D. Research Advisor
University of Michigan College of Pharmacy

2000 - 2016 Pharmacy Practice Resident Preceptor
University of Michigan College of Pharmacy

2011 Pharmacist Role in Patient Centered Medical Home

P420, Health Care
University of Michigan College of Pharmacy

2006 - 2011
COPD and Cold/Cough/Fever
P531, Pathophysiology and Therapeutics
University of Michigan College of Pharmacy

2006 - 2010
Role of a Clinical Pharmacist in the Ambulatory Care Setting
UC151, Contemporary Issues in Medicine in Pharmacy
University of Michigan

2005 - 2010
Development of Diabetes Management Services
P540, Managing the Medication Use System
University of Michigan College of Pharmacy

2000 - 2012
Insulin Therapy and Long Term Complications of Diabetes Mellitus
P532, Pathophysiology and Therapeutics
University of Michigan College of Pharmacy

2000 - 2010
Introduction of Ambulatory Care Pharmacy (Discussion)
P301, Pharmacy and Administration
University of Michigan College of Pharmacy

2000 - 2010
Diabetes and Thyroid Disorders
Nur 535, Advanced Pharmacology
Madonna University, Advanced Nurse Practitioner Program

2000 - 2009
Insulin Therapy, Self-Monitoring of Blood Glucose, and Foot Care
P511, Pharmaceutical Care IV
University of Michigan College of Pharmacy

2000 - 2004
How to Develop Clinical Services
P511, Pharmaceutical Care IV
University of Michigan College of Pharmacy

2000 - 2002
Mock Pharmacy Job Interviews
P550, Opportunities in Pharmacy
University of Michigan College of Pharmacy

2000 - 2004
Ph.D. Candidate Research Consultant
University of Michigan College of Pharmacy

2000 - 2001
Pharmacy Practice Resident Research Advisor
University of Michigan College of Pharmacy

2000 - 2001
Patient Monitoring
P510, Pharmaceutical Care IV
University of Michigan College of Pharmacy

1999 - 2004
Patient Interview/Education
P485, Pharmaceutical Care I

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|------|--|
| | University of Michigan College of Pharmacy |
| 1996 | Respiratory Infection Sookmyung University College of Pharmacy |
| 1996 | Gastroesophageal Reflux Disease/Peptic Ulcer Disease Sookmyung University College of Pharmacy |
| 1996 | Diabetes Mellitus Sookmyung University College of Pharmacy |
| 1995 | Anemia Sookmyung University College of Pharmacy |
| 1995 | Antiarrhythmic Agents and Lithium Pharmacokinetics Sookmyung University College of Pharmacy |

Publications

Peer-Reviewed Papers

1. **Choe HM**, Kim J, Choi K, Mueller BA. Implementation of the first pharmacist-managed ambulatory care anticoagulation clinic in South Korea. *Am J Health-Syst Pharm.* 2002;59:872-4.
2. Rigelsky J, **Choe H**, Curtis DM, Brosnan MJ, Mitrovich S, Streetman DS. Accuracy of the AvoSure PT Pro System Compared with a Hospital Laboratory Standard. *Annals of Pharmacotherapy.* 2002;36:380-5.
3. **Choe HM**, Cornish L, Townsend K, Jobe J, Mitrovich S. Evaluation of Metformin Usage: Focus on Efficacy and Safety. *Am J Health-Syst Pharm.* 2004;61:1550-1551.
4. **Choe HM**, Mitrovich S, Dubay D, Hayward RA, Krein SL, Sandeep V. Proactive Case Management of High-Risk Patients with Type 2 Diabetes Mellitus by a Clinical Pharmacist: A Randomized Controlled Trial. *Am J Manag Care* 2005;11:253-260.
5. **Choe HM**, Townsend KA, Blount G, et al. Treatment and control of blood pressure in patients with diabetes mellitus. *Am J Health-Syst Pharm.* 2007;64:97-102.
6. **Choe HM**, Stevenson JG, Streetman DS, et al. The Impact of Patient Financial Incentives on Participation and Outcomes in a Statin Pill-Splitting Program. *American Journal of Managed Care.* 2007;13:298-304.
7. VanDeKoppel S, **Choe HM**, Sweet B. Managed Care Perspective on Three New Agents for Type 2 Diabetes. *Journal of Managed Care Pharmacy.* 2008;14:363-380.
8. **Choe HM**, Bernstein S, Cooke D. Using a Multidisciplinary Team and Clinical Redesign to Improve Blood Pressure Control in Patients with Diabetes. *Quality Management in Health Care.* 2008;17:227-233.
9. **Choe HM**, Bernstein S, Mueller B. Pharmacist Leads Primary Care Team to Improve Diabetes Care. *Am J Health-Syst Pharm.* 2009;66(7):622-4.

10. Sy Fangyan Z; **Choe HM**, Kennedy D, et al. Moving from A to Z: successful implementation of a statin switch program by a large physician group. *American Journal of Managed Care*. 2009;15 (4):233-240.
11. **Choe HM**, Bernstein SJ, Standiford CJ, et al. New diabetes HEDIS blood pressure quality measure: potential for overtreatment. *American Journal of Managed Care*. 2010;16(1):19-24.
12. Rogers MAM, Ward K, Gure TR, **Choe HM**, Lee PG, Bernstein SJ, Blaum CS. Blood pressure trajectories prior to death in patients with diabetes mellitus. *Diabetes Care*. 2011;34:1534-1539.
13. **Choe HM**, Farris KB, Stevenson JG, et al. Patient-centered medical home: Developing, expanding, and sustaining a role for pharmacists. *Am J Health-Syst Pharm*. 2012; 69:1063-1071.
14. Shimp LA, Kucukarslan SN, Elder J, Remington T, Wells T, **Choe HM**, Lewis NJ, Kirking DM. Employer-based patient-centered medication therapy management program: Evidence and recommendations for future programs. *J Am Pharm Assoc*. 2012;52:768-776.
15. Anderson E, Botticelli J, Burgess H, **Choe HM**, et al. Report of the 2012 ASHP Task Force on Accountable Care Organizations. *American Journal of Health-System Pharmacy*. 2013;70(1):66-76.
16. Lewis NJW, Shimp LA, Rockafellow S, Tingen JM, **Choe HM**, Marcelino MA The role of the pharmacist in patient-centered medical home practices: current perspectives. *Journal of Integrated Pharmacy Research and Practice*. 2014;3:29-38.
17. Bostwick JR, Burghardt K, **Choe HM**, Deneke E, Fluent T. Opportunities to partner with clinical pharmacists in ambulatory psychiatry. *Current Psychiatry*. 2014;13(7):23-9. (JULY 2014)
18. Kim HM, Zivin K, **Choe HM**, et al. Predictors of Start of Different Antidepressants in Patient Charts Among Patients with Depression. *J Manag Care Spec Pharm*. 2015;21(5):424-30.
19. Arenz BJ, Diez HL, Bostwick JR, Kales HC, Zivin K, Dalack GW, Fluent TE, Standiford CJ, Stano C, **Choe, HM**. Effectively implementing FDA medication alerts utilizing patient centered medical home clinical pharmacists. *Healthcare*. 2016;4(1):69-73.
20. Ostling S, Wychoff J, Ciarkowski SL, Pai CW, **Choe HM**, Bahl V, Gianchandani R. The relationship between diabetes mellitus and 30-day readmission rates. *Clinical Diabetes and Endocrinology* 2017. 3:3
21. Gerlach,L. B.;Kales,H. C.;Maust,D. T.;Chiang,C.;Stano,C.;**Choe,H. M.**;Zivin,K. Unintended Consequences of Adjusting Citalopram Prescriptions Following the 2011 FDA Warning. *The American Journal of Geriatric Psychiatry: Official Journal of the American Association for Geriatric Psychiatry*. 4:25 2017
22. Marie E. Albano, PharmD, Jolene R. Bostwick, PharmD, BCPS, BCPP, Kristen M. Ward, PharmD, Thomas Fluent, MD, Hae Mi Choe, PharmD. Discrepancies Identified Through a Telephone-Based, Student-Led Initiative for Medication Reconciliation in Ambulatory Psychiatry. *Journal of Pharmacy Practice*. 2018 Jun;31(3):304-311
23. Antoinette B. Coe and Hae Mi Choe. Pharmacists supporting population health in patient-centered medical homes *Am J Health Syst Pharm* 2017; 74:1461-1466

24. Buis L, Roberson D, Kadri R, Rockey N, Plegue M, Choe HM, Richardson C. Utilizing Consumer Health Informatics to Support Management of Hypertension by Clinical Pharmacists in Primary Care: Study Protocol. *JMIR Res Protoc*. 2017 Oct 10;6(10):e193.
25. Lindell VA, Stencil NL, Ives RC, Ward KM, Fluent T, Choe HM, Bostwick JR. A pilot evaluating clinical pharmacy services in an ambulatory psychiatry clinic. *Psychopharmacology Bulletin*. 2018;48(2):18-28
26. Choe HM, Lin AT, Kobernik K, Cohen M, Wesolowicz L, Qureshi N, Leyden T, Share D, Darland R, Spahlinger DA. Michigan Pharmacists Transforming Care and Quality: Developing a Statewide Collaborative of Physician Organizations and Pharmacists to Improve Quality of Care and Reduce Costs. *J Manag Care Spec Pharm* 2018; 24(4):373-378
27. Jason R. Goldsmith, MD, PhD; Akbar K. Waljee, MD; Tom George, PharmD; Alexandra Brown, BS; Hae Mi Choe, PharmD; Mohamed Noureldin, MBBS; Steven J. Bernstein, MD, MPH; and Peter D.R. Higgins, MD, PhD. 5-ASA to Sulfasalazine Drug Switch Program in Patients With Ulcerative Colitis. *Am J Manag Care*. 2018;24(Spec Issue No. 8):SP303-SP308
28. Wells T, Rockafellow S, Holler M, Coe AB, Yoo A, Choe HM, Thompson AN. "Description of pharmacist-led quality improvement huddles in the patient-centered medical home model." *J Am Pharm Assoc* 58 (6): 667-672, 2018.
29. Fennelly* JE, Coe AB, Kippes KA, Remington TL, Choe HM. "Evaluation of clinical pharmacist services in a transitions of care program provided to patients at highest risk for readmission." *J Pharm Pract* published online October 21, 2018. doi: 10.1177/0897190018806400
30. Farris KB, Mitrzyk* BM, Batra P, Peters J, Diez HL, Yoo A, McKay K, Friend K, Danko L, Waber R, Marshall VD, Choe HM. "Linking the patient-centered medical home to community pharmacy via an innovative pharmacist care model." *J Am Pharm Assoc* 59 (1): 70-78, 2019.
31. 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* 59 (2S): S104-S109, 2019.
32. Coe AB, Bostwick JR, Choe HM, Thompson AN. "Provider perceptions of pharmacists providing mental health medication support in patient-centered medical homes." *J Am Pharm Assoc* 59 (4): 555-559, 2019.
33. Vordenberg SE, Lindell J, Sheerer K, Settles A, Fan AL, Serlin DC, Parker-Featherstone E, Bernstein SJ, Choe HM. "Improving hypertension control through a collaboration between an academic medical center and a chain community pharmacy." *J Am Coll Clin Pharm* 2: 357-365, 2019.
34. Farhat* NM, Farris KB, Patel MR, Cornish L, Choe HM. "Comprehensive medication reviews: optimal delivery setting and recommendations for quality assessment." *J Am Pharm Assoc* 59 (5): 642-645, 2019.

Non Peer-Reviewed Papers

1. Choe HM, Standiford CJ, Brown MT. "Embedding pharmacists into the practice." Practice Transformation Module. American Medical Associations STEPSForward. 2017.
2. Stevenson JG, Choe HM. "Ambulatory Care: Unprecedented Opportunities to Expand the Contributions of Pharmacists." ASHP Pharmacy Forecast 2014-2018: Strategic Planning Advice. December 2013.

3. Vijan S, **Choe HM**, Funnell MM, et al. Management of type 2 diabetes mellitus: University of Michigan Health System Guidelines for Clinical Care. Available at: <http://cme.med.umich.edu/iCME/diabetes04/> October 2007 (accessed 2007 December 19).

In Press

1. Walter* KS, Gillespie HN, Moqbel DS, Choe HM, Smith MA. "The impact of palliative care interventions on medication regimen complexity." *Journal of Palliative Medicine*.

Abstracts

Choe HM, Cornish L, Townsend K, Jobe J, Mitrovich S. Evaluation of Metformin Usage: Focus on Efficacy and Safety. *International Pharmaceutical Abstracts*. 2001;36:485D, abstract 3812416.

Mitrovich S, **Choe HM**, Dubay D. Impact of Proactive Diabetes Management by Clinical Pharmacist on Glycemic Control and Complication Screening Process. *Journal of General Internal Medicine*. 2000;15:229.

Choe HM, Kim JS, Ahn JS, Choi KE. Development and Evaluation of an Anticoagulation Service in Korea. *International Pharmaceutical Abstracts*. 1996;33:2227, abstract 3313124.

Houston S, Kirking D, Shimp L, **Choe H**. Understanding Differences in Use of Hormone Replacement Therapy in Women with and without Diabetes. *JAPhA*. March-April 2002, abstract 139.

Choe HM, Townsend KA, Wolfe TA. Development of a Clinical Database to Improve the Process of Diabetes Care. *International Pharmaceutical Abstracts*. 2005, abstract P620E.

Choe HM, Stevenson JG, Streetman DS, et al. The Impact of Patient Financial Incentives on Participation and Outcomes in a Statin Pill-splitting Program. 67th International Congress of FIP. April 2007, abstract 895.

Choe HM, Rubenfire M, Beaulac A, et al. Prevalence, Treatment Patterns, and Patient Outcomes Associated with Low Levels of High-Density Lipoprotein Cholesterol in Patients with Type 2 Diabetes Mellitus. Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke Conference. April 2009, abstract 201.

Rogers MAM, Ward K, Gure TR, **Choe H**, Lee P, Blaum CS. Blood pressure trajectories prior to death in patients with diabetes mellitus. *Am. J. Epidemiol.* 2011 Jun; 173(Suppl 11): 306.

Letters to Editor

1. **Choe HM**, Cornish L, Townsend K, Jobe J, Mitrovich S. "Monitoring safety and effectiveness in patients receiving metformin." *Am J Health Syst Pharm* 61 (15): 1550-1551, 2004.
2. Krein SL, Vijan S, **Choe HM**, Hayward RA. Quality improvement strategies for type 2 Diabetes. *JAMA*. 296(22):2680-2681, 2006.

Professional Paper

Stevenson JG, **Choe HM**. ASHP Pharmacy Forecast 2014-2018: Strategic Planning Advice. Ambulatory Care: Unprecedented Opportunities to Expand The Contributions of Pharmacists

Choe HM. Successful Team Approach to Blood Pressure Management in Type 2 Diabetes Patients. Review of Endocrinology. Cover Story. September 2008

Choe HM. Glipizide. Patient Education. 2000. v-Cure.Com

Choe HM. Glucotrol XL. Patient Education. 2000. v-Cure.Com

Choe HM. Glyburide. Patient Education. 2000. v-Cure.Com

Choe HM. Amaryl. Patient Education. 2000. v-Cure.Com

Choe HM. Rezulin. Patient Education. 2000. v-Cure.Com

Choe HM. Patient-Centered Medical Home: Developing, Expanding and Sustaining a Role for Pharmacists. Pharmacy Practice Model Initiative. Case Study. 2012

Choe HM. Pharmacist's Role in the Patient-Centered Medical Home Model. Michigan Pharmacists Association Insights. November 2012

Book Chapters

Kim C, **Choe HM**, Wyckoff J, Kwok Y. Effectiveness of Interventions (at the Health System, Provider and Patient Levels) to Improve the Quality of Diabetes Care in Diabetes and Public Health, from Data to Policy. Ed: Narayan KMV and Gregg E. London: Oxford University Press. 2010.

Choe HM. Injectable Medications Other Than Insulin. Chapter 9. When Your Doctor Says Diabetes. Omnigraphics. 2010.

Choe HM. Working with a Diabetes Educator. Chapter 13. When Your Doctor Says Diabetes. Omnigraphics. 2010.

Grants

2018-2023 Improving diabetes outcomes and health disparities through a patient activation intervention addressing unmet resource needs
NIH, (R01DK116715)
Co-investigator

2019-2020 Michigan Institute of Care Management and Transformation
BCBSM Value Partnership
Executive Director

2017-2019 Physician-Pharmacist Collaborative to Enhance Safe Opioid and Buprenorphine Prescribing
BCBSM Foundation
Co-investigator

2015-2018 Utilizing Consumer Health Informatics to Support Management of Hypertension by
Clinical Pharmacists in Primary Care
MICHR
Co-investigator

2015-2017 5-ASA to Sulfasalazine, Cost Saving Drug Switch
BCBSM Foundation
Investigator Initiated Research (\$69,202)
Co-investigator

2014-2019 Michigan Pharmacists Transforming Care & Quality (MPTCQ)
UMHS Coordinating Center (\$1,783,875 for Year 1)
BCBSM Collaborative Process Initiative (Statewide Initiative)
Coordinating Center Director

2013 Pharmacist's Care in Patient Homes: New Partnership with Home Health Nurses.
Fostering Innovation Grants (\$5,000)
University of Michigan Health System
Co-investigator

2013 Integrating Comprehensive Medication Review for U-M Employer
Prescription Drug Plan members
University of Michigan Benefits Office (\$310,000 for 3 years)
Primary Investigator

2008-2010 Outcomes of Blood Pressure Management in Diabetes Patients with Comorbidities. R21
HS 17625-01: Agency for Health Care Research and Quality (\$309,954)
Co-investigator

2006-2009 Optimization of Drug Therapy Program (MHealthy Focus on Medicines)
Program Development and Implementation (\$491,685)
University of Michigan, Michigan Healthy Community
Co-investigator

2004 Impact of Tablet-Splitting on Economic and Pharmacologic Outcomes
University of Michigan Benefits Office (\$49,600)
Primary Investigator

2003 Achieving Goals in Diabetes with Diet and Medication
Aventis Unrestricted Education Grant (\$2,500)

1999 SmithKline Beecham Development Partner's Pharmacy Award Program Unrestricted grant
(\$25,000)

Presentations

- 2019 Urgent Call for Primary Care Pharmacist Practitioners: Academic and Clinical Partnerships
with Physician Organizations
American Association of Colleges of Pharmacy Annual Meeting
- 2019 Innovative Pharmacist Practice Model: Impact on Patient Care and Outcomes
Pharmacy Quality Alliance
Invited Presentation
- 2018 Provider Status: Being a Provider With or Without the “Status”
American Society of Health-System Pharmacists Midyear Clinical Meeting
Invited Presentation
- 2018 Managing Total Cost of Care Through Medical and Pharmacy Data Integration
Academy of Managed Care Pharmacy Partnership Forum
Invited Presentation
- 2018 Improve Clinical Outcomes and Medication Adherence in Patients with Chronic Medical
Conditions
4th Annual ACO Population Health
Invited Presentation
- 2018 Integrating Pharmacist Co-Management in Primary Care
American College of Physicians Annual Internal Medicine Meeting
Invited Presentation
- 2018 Team-Based Care: Making Interprofessional Practice Work in Primary Care
American College of Physicians Annual Internal Medicine Meeting
Invited Presentation
- 2018 PharmTalk: Innovative Practices in Diabetes Care
American Pharmacists Association Annual Meeting & Exposition
Invited Presentation
- 2018 The New Frontier: Value-Based Payment Models
American Pharmacists Association Annual Meeting & Exposition
Invited Presentation
- 2017 Individualised Medicines: Ensuring an Ethical Revolution in Healthcare
International Pharmaceutical Federation (FIP) Conference
Invited Presentation
- 2017 Meaningful Collaboration with Pharmacists to Improve Quality and Meet Patient Needs
American Medical Group Association Annual Conference
Invited Presentation
- 2017 Team-Based Care: Interprofessional Practice Innovations in Primary Care
American College of Physicians Annual Internal Medicine Meeting
Invited Presentation

- 2017 Statewide Quality Initiative to Embed Clinical Pharmacists into Primary Care
Population Health Summit - Cleveland Clinic Conference
Invited Presentation
- 2017 Billing Strategies for Pharmacists in Ambulatory Settings
Michigan Pharmacists Association Annual Convention & Exposition
- 2017 Looking Back, Looking Forward: The Changing Pharmacy Environment
University of Michigan College of Pharmacy Annual Pharmacy Lectures
Invited Presentation
- 2017 Looking Back, Looking Forward: Type 2 Diabetes
University of Michigan College of Pharmacy Annual Pharmacy Lectures
Invited Presentation
- 2016 Pharmacy Population Health Strategy
Vizient Clinical Connections Summit
Invited Presentation
- 2016 Pharmacists Transforming Care in Patient Centered Medical Home and Accountable Care
Organization
Southeastern Michigan Society of Health-System Pharmacists (SMSHP)
Invited Presentation
- 2016 Are ACOs Ready to Manage Medications to Achieve Clinical and Financial Success?
National Value-Based Payment and Pay for Performance Summit
Invited Presentation
- 2016 Impact of Clinical Pharmacists on Diabetes and Hypertension Management
MPRO
Invited Presentation
- 2016 Clinical Pharmacists in the Ambulatory Care Setting
MidMichigan Health – Internal Medicine Grand Round
Invited Presentation
- 2015 Clinical Considerations and Opportunities: The Pharmacist Role in a Patient-Centered
Medical Home
American Society of Health-system Pharmacists Midyear Clinical Meeting
Invited Presentation
- 2015 Michigan Pharmacists Transforming Care & Quality (MPTCQ)
Blue Cross Blue Shield of Michigan - Physician Group Incentive Program Meeting
Invited Presentation
- 2015 Pharmacists Transforming Care in Patient Centered Medical Home (PCMH) and Beyond
Great Lakes Bay Symposium
Invited Presentation
- 2015 Advancing the Patient Centered Medical Home (PCMH)

- Great Lakes Bay Symposium
Invited Presentation
- 2015 What Are the Current Recommendations for Managing Hyperglycemia in Type 2 Diabetes?
Annual Pharmacy Lecture
Invited Presentation
- 2015 Pharmacy Collaborative Practice Agreements in Oncology
Michigan Society of Hematology and Oncology Pharmacists Forum
Invited Presentation
- 2015 Pharmacists Transforming Care in Patient Centered Medical Home and Accountable Care
Organization
46th Annual West Michigan Society of Health System Pharmacists - Spring Seminar
Invited Presentation
- 2015 Comprehensive Medication Review from the Medical Home
Michigan Pharmacist Association Annual Convention
Platform Presentation
- 2014 Ambulatory Clinical Pharmacy Services: Transforming Care and Improving Outcomes
University of S. Florida, College of Pharmacy
Invited Presentation
- 2014 Standardized Pharmacist Care Provision: Defining who we are, what we do, and how well
we do it.
ASHP Midyear Clinical Meeting
Platform Presentation
- 2014 Building Ambulatory Clinical Pharmacy Programs
Virginia Commonwealth University, College of Pharmacy
Invited Presentation
- 2014 What Does the Promise of Provider Status Mean for You?
APhA Annual Conference & Exposition
Platform Presentation
- 2014 Navigating the Future: Patient Care Delivery and Integration
First ASHP Ambulatory Care Conference and Summit
Platform Presentation
- 2013 Integrating With and Establishing Ambulatory Patient Care Services
Annual ASHP Conference for Leaders in Health-System Pharmacy
Platform Presentation
- 2013 Beneficiary Medication Adherence and Managing Pharmacy Costs
Pioneer ACO Annual Conference (CMS)
Platform Presentation
- 2013 Outcomes and Reimbursement
Michigan Society of Health-system Pharmacists Annual Residency Conference

Platform Presentation

- 2013 Patient-centered Medical Home: Developing, Expanding and Sustaining a Role for Pharmacists
Michigan Pharmacy Association, Annual Convention
Platform Presentation
- 2013 Pokes for Diabetes: Insulin vs. Newer Treatment
Michigan Pharmacy Association, Annual Convention
Platform Presentation
- 2013 Clinical Pearls: Diabetes, Women's Health, Oncology, Infectious Disease, Anticoagulation
Michigan Pharmacy Association, Annual Convention
Platform Presentation
- 2012 Building Organized Systems of Care: Integrating Pharmacists into Patient Care Team to Enhance Medical Neighborhood
BCBS Executives
Platform Presentation
- 2012 Pharmacy's Role in Emerging Primary Care Model
NABP/AACP District IV Meeting
Platform Presentation
- 2012 Explosion of Diabetes Medications. Which One is Right for Your Patients?
CME, Battle Creek System
Platform Presentation
- 2012 Patient-centered Medical Home: Developing, Expanding and Sustaining a Role for Pharmacists
BCBS PGIP Meeting
Platform Presentation
- 2012 Advancing Family Medicine Partnership with PCMH Pharmacists: Today and Tomorrow
Family Medicine Grand Rounds
Platform Presentation
- 2012 PCMH Panel Experts
Michigan Pharmacy Association, Annual Convention
Platform Presentation
- 2011 Making Your Case: Improving Transitions of Care at Discharge with Pharmacist Involvement
46th ASHP Midyear Clinical Meeting
Platform Presentation
- 2011 Current Concepts in the Management of Type 2 Diabetes
Annual Pharmacy Lectures, University of Michigan College of Pharmacy
Platform Presentation
- 2011 Choosing the Right Medications

- CME, Battle Creek System
Platform Presentation
- 2011 Finding a Room for Pharmacists in Patient Centered Medical Home
Michigan Pharmacy Association, Annual Convention
Platform Presentation
- 2011 Insulin Therapy
Michigan Pharmacy Association, Annual Convention
Platform Presentation
- 2010 Pharmacist Role in Patient Centered Medical Home
Annual Pharmacy Lectures, University of Michigan
Platform Presentation
- 2010 Finding a Room for Pharmacists in Patient Centered Medical Home
CE for Pharmacists, Grand Rapids Michigan
Platform Presentation
- 2010 Implementing Successful PCMHs through Transforming and Optimizing Roles of Team
Members
Society of General Internal Medicine 33rd Annual Meeting
Platform Presentation
Minneapolis, Minnesota
- 2009 Treatment Patterns, and Patient Outcomes Associated with Low Levels of High-Density
Lipoprotein Cholesterol in Patients with Type 2 Diabetes Mellitus
Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke Conference,
American Heart Association
Poster Presentation
Washington DC
- 2009 Paying for Care Coordination, Redesign and Measuring Improvement in Patient Care: The
Michigan Medical Home.
Society of General Internal Medicine Midwest Regional Meeting
Platform Presentation
Chicago, IL
- 2009 Finding a Room for Pharmacists in the Patient Centered Medical Home
Illinois Council of Health-System Pharmacists Annual Meeting
Platform Presentation
Chicago, IL
- 2009 New Members of the Diabetes Management Team
National Kidney Foundation of Michigan
11th annual Lansing Champion of Hope Tribute
Poster Presentation
Lansing, MI
- 2009 MTMS Case Presentation
Michigan Pharmacist Association Annual Meeting

- Platform Presentation
Dearborn, MI
- 2009 Case-based Medication Management in Patients with Type 2 Diabetes: Beyond Traditional Therapy
Michigan Pharmacist Association Annual Meeting
Platform Presentation
Dearborn, MI
- 2009 Management of Hypertension and Hyperlipidemia
General Internal Medicine Conference
Platform Presentation
Ann Arbor, MI
- 2008 Health Week 2008
Invited Lecture
APhA – ASP
Ann Arbor, MI
- 2008 Can the Provider Do It All? Implementing the Chronic Care Model
Society of General Internal Medicine 31st Annual Meeting
Platform Presentation
Pittsburgh, Pennsylvania
- 2008 Treatment Intensification to Activate Clinical Inertia in Treatment of Type 2 Diabetes
General Internal Medicine Conference
Platform Presentation
Ann Arbor, MI
- 2007 A Cost-Effective Statin Switch Program at a Large Academic Medical Center
ASHP Midyear Clinical Meeting
Poster Presentation
Las Vegas, Nevada
- 2007 Treatment of Type 2 Diabetes
Briarwood Pilot Program Nursing Team
Ann Arbor, MI
- 2007 Improve Blood Pressure Control in Patients with Diabetes
National Kidney Foundation of Michigan
9th annual Lansing Champion of Hope Tribute
Poster Presentation
Lansing, MI
- 2007 Preceptors Pearls: Ambulatory Care
Michigan Pharmacist Association. Annual Convention & Exposition
Platform Presentation
Dearborn, MI
- 2007 New Therapeutic Options for Patients with Type 2 Diabetes
Michigan Pharmacist Association. Annual Convention & Exposition

- Platform Presentation
Dearborn, MI
- 2007 Statin Switch Program
Faculty Meeting
Department of Family Medicine
Ann Arbor, MI
- 2006 Improve Blood Pressure Control in Patients with Diabetes.
Best Practice Outcomes Team
Academic Chronic Care Collaborative, Association of American Medical Colleges
Platform Presentation
Seattle, Washington
- 2006 MTMS - Patient Center Care Models: Meet the Experts
Michigan Pharmacist Association. Annual Convention & Exposition
Roundtable Presentation
Dearborn, MI
- 2006 Diabetes Mellitus Quality Improvement Initiative
All Medical Director/Health Center Manager Meeting
University of Michigan Health System
Ann Arbor, Michigan
- 2005 Development of a Clinical Database to Improve the Process of Diabetes Care
ASHP Midyear Clinical Meeting
Poster Presentation
Las Vegas, Nevada
- 2003 Oral Hypoglycemic Agents
Annual Pharmacy Lecture
Ann Arbor, Michigan
- 2004 Drugs Which Cause Weight Gain: Are There Alternatives?
Eighth Annual Common Problems in Office Practice (CME)
Platform Presentation
Plymouth, Michigan
- 2001 Proactive Case Management of Type 2 Diabetes by a Clinical Pharmacist
Thirty Seventh ASHP Midyear Clinical Meeting
Platform Presentation
Atlanta, Georgia
- 2001 Evaluation of Metformin Usage: Focus on Efficacy and Safety
Thirty Sixth ASHP Midyear Clinical Meeting
Poster Presentation
New Orleans, Louisiana
- 2000 Impact of Proactive Diabetes Management by Clinical Pharmacist on Glycemic Control and
Complication Screening Process
Twenty Third Society of General Internal Medicine Annual Meeting

- Poster Presentation
Boston, Massachusetts
- 1999 Impact of Proactive Diabetes Management by Clinical Pharmacist on Glycemic Control and
 Complication Screening Process
 Central Region Health Center Medical Directors Meeting
 Platform Presentation
 Ann Arbor, MI
- 1999 Oral Antidiabetic Medications
 Department of Family Practice Patient Education Program
 Platform Presentation
 Ann Arbor, MI
- 1996 Development and Implementation of Anticoagulation Services
 Thirty First ASHP Midyear Clinical Meeting
 Poster Presentation
 New Orleans, Louisiana
- 1996 Development and Implementation of Anticoagulation Services
 Platform Presentation
 Korean Society of Hospital Pharmacists Meeting, Seoul, Korea
 Korean College of Clinical Pharmacists Meeting, Seoul, Korea
 Thirty Ninth Annual Internal Medicine Conference, Seoul, Korea
- 1994 Home Infusion Program in the Emergency and Urgent Care Areas
 Western States Conference Presentation
 Platform Presentation
 Monterey, CA
- 1994 DMSO Usage in Chemotherapy Extravasations
 Kaiser Permanente Cancer Committee Meeting
 Platform Presentation
 Los Angeles, CA

Professional Affiliations

- 2013 - 2015 Michigan Pharmacist Association (MPA)
1992 - 2014 American Society of Hospital Pharmacists (ASHP)
1999 - 2002 American College of Clinical Pharmacy (ACCP)
1989 - 1990 Academy of Students of Pharmacy (ASP)

Professional Certification and Licensure

- 1994 - Present Pharmacy Licensure, State of California #47047
1999 - Present Pharmacy Licensure, State of Michigan # 5302031980
2002 - 2013 Certified Diabetes Educator (CDE)