

Michelle A. Chui

OFFICE:

University of Wisconsin, School of Pharmacy
2511 Rennebohm Hall
777 Highland Avenue
Madison, WI 53705
(608) 262-0452 (work)
michelle.chui@wisc.edu
<https://go.wisc.edu/chui>

EDUCATION

Ph.D. in Pharmacy Administration

Purdue University, May 2001

Thesis: Diuretic Compliance, Quality of Life, and Health Care Utilization in Heart Failure Patients
Advisors: Michael D. Murray, PharmD, MPH and Holly Mason, PhD

M.S. in Pharmacy Administration

Purdue University, August 1998

Thesis: Evaluation of Online Prospective DUR Programs in Community Pharmacy Practice
Advisor: Michael T. Rupp, PhD

Pharm.D.

Creighton University, May 1996

B.A. in Biological Sciences

University of California, Davis, June 1992

EMPLOYMENT EXPERIENCE

1/24- Present	Co-Director, Collaborative Center for Health Equity (CCHE) University of Wisconsin, Institute for Clinical and Translational Research (ICTR)
2023	University of Wisconsin – Madison Media Fellow
2022-2023	Academic Leadership Fellow, Big 10 Academic Alliance
6/22- Present	Director, Advancing Diversity and Equity in Pre-Doctoral Trainees (ADEPT) University of Wisconsin, Institute for Clinical and Translational Research (ICTR) Madison, WI
7/21-1/24	Chair, Social & Administrative Sciences Division University of Wisconsin School of Pharmacy Madison, WI
10/20- Present	Co-Director, TL1 Program University of Wisconsin, Institute for Clinical and Translational Research (UW CTSA) Madison, WI
7/20- Present	Professor, Social & Administrative Sciences University of Wisconsin School of Pharmacy Madison, WI

- 7/19- Present Hammel-Sanders Distinguished Chair in Pharmacy Administration
University of Wisconsin School of Pharmacy
Madison, WI
- 8/17- Present Director, PearlRx Pharmacy Practice-based Research Network (PBRN)
University of Wisconsin School of Pharmacy
Madison, WI
- 8/17- Present Director, Sonderegger Research Center for Improved Medication Outcomes
University of Wisconsin School of Pharmacy
Madison, WI
- 7/15-7/21 Vice-Chair, Social & Administrative Sciences Division
Director, Health Services Research & Policy Graduate Program
University of Wisconsin School of Pharmacy
Madison, WI
- 12/13- Present Director, Systems Approach to Medication Safety (SAMS) Research Laboratory
University of Wisconsin School of Pharmacy
Madison, WI
- 12/13- 7/20 Associate Professor, Social & Administrative Sciences
University of Wisconsin School of Pharmacy
Madison, WI
- 3/08 to 12/13 Assistant Professor, Social & Administrative Sciences
University of Wisconsin School of Pharmacy
Madison, WI
- 7/06 to 2/08 Associate Professor of Pharmacy Administration
Midwestern University College of Pharmacy – Glendale
Glendale, AZ
- 7/01 to 6/06 Assistant Professor of Pharmacy Administration
Midwestern University College of Pharmacy - Glendale
Glendale, AZ
- 9/99 to 6/01 Graduate Research Fellow of the American Foundation for Pharmaceutical
Education (AFPE)
Purdue University School of Pharmacy
West Lafayette, IN
- 8/96 to 8/99 Graduate Teaching Associate
Purdue University School of Pharmacy
West Lafayette, IN
- 6/97 to 6/01 Part-Time and Relief Pharmacist
Wells Yeager Best Pharmacy
Lafayette, IN

PROFESSIONAL LICENSURE

Licensed as a pharmacist by examination in Indiana (1997)

HONORS

Exploratory Research in Clinical and Social Pharmacy Best Paper, 2022
 Research in Social & Administrative Sciences Journal Best Paper, 2021
 Phi Lambda Sigma Alumni of the Year Award, 2019
 American Pharmacists Association, APRS Fellow, 2019
 Research in Social & Administrative Pharmacy Journal Top Reviewer, 2010, 2016
 University of Wisconsin School of Pharmacy Innovations in Teaching Award, 2010
 Albert and Anna Kienly Award for Teaching Excellence, 2001
 American Foundation for Pharmaceutical Education Fellowship, 1999-2001
 Scholarship to attend Krannert Institute Applied Management Principles program, 1999
 Finalist, American Pharmaceutical Association Best Postgraduate Podium Presentation, 1999
 Rho Chi Professional Honor Society, 1997
 American Chinese Pharmaceutical Association National Scholarship, 1995
 National Collegiate Medical Professions Award, 1995
 Third Place, Phi Lambda Sigma Leadership Challenge, 1995
 Phi Lambda Sigma Professional Leadership Society, 1993

I. RESEARCH AND SCHOLARLY ACTIVITIES

A. Peer-Reviewed Publications

Submitted

1. Gilson AM, Chladek JS, Stone, JA, Watterson TL, Lehnborn EC, Hoffins EL, Berbakov ME, Moon J, Resendiz SM, Mai S, Jacobson NA, Holden RJ, Gangon RE, Walbrandt Pigarelli DL, Welch LL, Portillo EC, Shiyambola OO, Gollhardt J, Walker K, **Chui MA**. Reducing Older Adult Misuse of Over-the-Counter Medications: Effectiveness of a Novel Pharmacy-based Intervention. *Journal of Patient Safety*.
2. Chladek JS, **Chui MA**. Access to Medications for Opioid Use Disorder for Formerly Incarcerated Individuals During Community Reentry: A Mini Narrative Review. Submitted to *Frontiers in Public Health*.
3. **Chui MA**. Berbakov M. Ford JH. Engineering Resilient Community Pharmacies: Exploring an Integrative Approach to Medication Safety. Submitted to *BMC Public Health*.
4. Chladek JS, Gilson AM, Stone JA, Berbakov ME, Watterson TL, Lehnborn EC, Hemesath KA, Hoffins EL, Moon J, Resendiz SM, Mai SY, Welch LL, Walbrandt Pigarelli DL, Portillo EC, **Chui MA**. The High Prevalence and Complexity of Over-the-Counter Medication Misuse in Older Adults. Submitted to *Medical Care*.
5. Xiao Y; Fulda KG; Young RA; Hendrix ZN; Daniel KM; Chen KY; Zhou Y; Roye JL; Kosmari L; Wilson J; Espinoza AM; Sutcliffe KM; Pitts SI; Arbaje AI; **Chui MA**; Reeve E; Blair S; Sloan D; Jackson M; Gurses AP. Use of patient partnership tools to support medication safety in community dwelling older adults: protocol for a stepped wedge cluster study. Submitted to *BMC Trials*.
6. Watterson TL, Steege LM, Mott DA, Ford JH, Portillo ED, **Chui MA**. A mixed-methods protocol utilizing the Instrument Development and Construct Validation framework to validate the results of a pharmacist fatigue instrument. Submitted to *Research in Social and Administrative Pharmacy*.

Published

7. Alamer KA, Holden RJ, **Chui MA**, Stone JA, Campbell NL. Home Medication Inventory Method to Assess Over-the-Counter (OTC) Medication Possession and Use: Feasibility of In-Person and Remote Modalities with Older Adults. *Research in Social and Administrative Pharmacy*.
<https://doi.org/10.1016/j.sapharm.2024.01.005>

8. Watterson TA, Stone JA, Kleinshmidt P, **Chui MA**. CancelRx Case Study: Implications for Clinic and Community Pharmacy Work Systems. *BMC Health Services Research*. Preprint at <https://doi.org/10.21203/rs.3.rs-2859918/v1>.
9. Jolliff, A, Collier, R, Kearny, H., Warner, G., Feinstein, J., **Chui, M.**, O'Brien, S., Willey, M., Katz, B., Bach, T., Werner, N. Design requirements for an mHealth application to promote medication safety within caregiving networks of children with medical complexity. *Applied Clinical Informatics*.
10. Portillo E, Maurer M, Kettner J, Bhardwaj S, Zhang Z, Sedgwick C, Gilson A, Stone J, Jacobson N, Hennessey Garza R, Will S, McFarland MS, Ourth H, **Chui MA**. Applying RE-AIM to Examine the Impact of an Implementation Facilitation Package to Scale Up a Program for Veterans with Chronic Obstructive Pulmonary Disease. Accepted to *Implementation Science Communications*.
11. Moon J, Chladek J, Wilson P, **Chui MA**. Clinical decision support systems in community pharmacies: A scoping review. Accepted to *Journal of the American Medical Informatics Association*.
12. Berbakov, M. E., Hoffins, E. L., Stone, J. A., Gilson, A. M., Chladek, J. S., Watterson, T. L., Lehnbohm, E. C., Moon, J., Holden, R. J., Jacobson, N., Shiyanbola, O. O., Welch, L. L., Walker, K. D., Gollhardt, J. D., & **Chui, M. A.** (2023). Adapting a Community Pharmacy Intervention to Improve Medication Safety. *J Am Pharm Assoc (2003)*. <https://doi.org/10.1016/j.japh.2023.11.009>
13. Reddy A, **Chui MA**. Using Protection Motivation Theory to Develop a Survey of Over-the-Counter Decision-Making by Older Adults. *Research in Social and Administrative Pharmacy*. <https://doi.org/10.1016/j.sapharm.2023.09.002>
14. Leinbom E, Berbakov M, Hoffins E, Stone JA, **Chui MA**. Elevating safe use of OTC medications in older adults: a narrative review of pharmacy involved interventions and recommendations for improvement, *Drugs & Aging*. <https://doi.org/10.1007/s40266-023-01041-5>
15. Watterson TL, Steege LM, Mott DA, Ford JH, Portillo EC, **Chui MA**. Sociotechnical Work System Approach to Occupational Fatigue. *Joint Commission Journal on Quality and Patient Safety*. <https://doi.org/10.1016/j.jcjq.2023.05.007>
16. Watterson TL, **Chui MA**. Community Pharmacist Subjective Perceptions of Occupational Fatigue. *Pharmacy* 2023, 11(3), 84; <https://doi.org/10.3390/pharmacy11030084> - 09 May 2023.
17. Portillo EC, Lehmann MR, Hagan TL, Maurer M, Kettner JT, Bhardwaj SD, Goodrich D, McFarland MS, Virrueta N, Henderson B, Birstler J, **Chui MA**. Implementation and Impact of an Interprofessional Training Program to Deliver the COPD Care Service. *BMJ Open Quality*. 2023 Feb;12(1):e002074. doi: 10.1136/bmjoq-2022-002074
18. Morris AO, Berbakov ME, Gilson AO, Lester CA, Stone JA, **Chui MA**. Generating Creative Solutions to Address Over-the-Counter Medication Safety in Older Adults Using Invisible Design. *Human Factors in Healthcare*. Vol 3, June 2023. <https://doi.org/10.1016/j.hfh.2023.100034>
19. Portillo E, Lehmann M, Hagen T, Costner M, Kettner J, Bhardwaj S, M Farland S, Henderson B, Bowersox N, Zhao Q, **Chui MA**. Integration of the Patient Centered Medical Home to Deliver a Coordinated COPD CARE Transitions Program. *Journal of the American Pharmacists Association*. doi.org/10.1016/j.japh.2022.10.003
20. Qudah BA, Maurer MA, Mott DA, **Chui MA**. Discordance in Addressing Opioid Crisis in Rural Communities: Patient and Provider Perspectives. *Pharmacy*. 2022 Jul 27;10(4):91. doi: 10.3390/pharmacy10040091.

21. **Chui MA**, Berbakov ME, Gilson AM, Morris AO, Stone JA. Effectiveness and Sustainment of a Tailored Over-the-Counter Medication Safety Intervention in Community Pharmacies: A Randomized Controlled Trial. *Research in Social & Administrative Pharmacy*. 2022 Jun 20;S1551-7411(22)00201-7. doi: 10.1016/j.sapharm.2022.06.008. Online ahead of print.
22. Morris AO, **Chui MA**. A Field Study: Partnering with Pharmacists to Develop a Tool for Evaluating Misuse of Over-the-Counter Medications among Older Adults in the Community Pharmacy. *HFES Annual Meeting Proceedings*. 2022 Oct 27; Vol 66(1): <https://doi.org/10.1177/1071181322661266>
23. Morris AO, Gilson A, Xiong KZ, **Chui MA**. Characterizing and Operationalizing Misuse of Over-the-Counter Medications among Older Adults. *HFES Health Care Symposium Proceedings*. March 2022
24. Watterson TL, Stone JA, Gilson A, Brown R, Xiong KX, Schiefelbein A, Ramly E, Kleinschmidt P, Semanik M, Craddock L, Pitts S, Woodroof T, **Chui MA**. Impact of CancelRx on Discontinuation of Controlled Substance Prescriptions: An Interrupted Time Series Analysis. *BMC Medical Informatics and Decision Making*. Published online February 25, 2022. <https://doi.org/10.1186/s12911-022-01779-9>
25. Watterson TL, Hernandez SE, Stone JA, Gilson A, Ramly E, **Chui MA**. CancelRx implementation: Observed changes to medication discontinuation workflows over time. *Exploratory Research in Clinical and Social Pharmacy*. Published online January 25, 2022:100108. doi:10.1016/j.rcsop.2022.100108
26. Holden RJ, Hill JR, Campbell NL, Xiao Y, Gurses AP, Chen HYW, **Chui MA**. Human-Centered Design and Research in Deprescribing. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*. 2021;65(1):398-402. doi:10.1177/1071181321651030
27. Gilson AM, Stone JA, Morris AO, Brown RL, Xiong KZ, Jacobson N, Holden RJ, Albert SM, Phelan CH, Walbrandt Pigarelli DL, Breslow RM, Welch L, **Chui MA**. Impact of a pilot community pharmacy system redesign on reducing over-the-counter medication misuse in older adults. *J Am Pharm Assoc (2003)*. 2021 Sep-Oct;61(5):555-564. doi: 10.1016/j.japh.2021.04.007. Epub 2021 Apr 15. PMID: 34006480; PMCID: PMC8429243.
28. Holden RJ, Abebe E, Russ-Jara AL, **Chui MA**. Human Factors and Ergonomics Methods for Pharmacy Research and Clinical Practice. *Res Social Adm Pharm*. 2021 May 2;S1551-7411(21)00165-0. doi: 10.1016/j.sapharm.2021.04.024.
29. Morris AO, Gilson AM, Xiong KZ, **Chui MA**. Utilizing a Cognitive Engineering Approach to Conduct a Hierarchical Task Analysis to Understand Complex Patient Decision-Making. *Res Social Adm Pharm*. 2021 Jul 7;S1551-7411(21)00249-7. doi: 10.1016/j.sapharm.2021.07.005.
30. Watterson TL, Stone JA, Brown R, Xiong KZ, Schiefelbein A, Ramly E, Kleinschmidt P, Semanik M, Craddock L, Pitts S, Woodroof T, **Chui MA**. CancelRx: a health IT tool to reduce medication discrepancies in the outpatient setting. *J Am Med Inform Assoc*. 2021 April; 28(7). doi: 10.1093/jamia/ocab038
31. Xiong KZ, Shah S, Stone JA, Jacobson N, **Chui MA**. Using a scenario-based hybrid approach to understand participant health behavior. *Res Social Adm Pharm*. 2021 Dec;17(12):2070-2074. doi: 10.1016/j.sapharm.2021.02.020. Epub 2021 Mar 4. PMID: 33707163; PMCID: PMC8417154.
32. Watterson TL, Look KA, Steege L, **Chui MA**. Operationalizing Occupational Fatigue in Pharmacists: An Exploratory Factor Analysis. *Res Social Adm Pharm*. 2021 Jul; 17(7) 1282-1287. doi: 10.1016/j.sapharm.2020.09.012. PubMed PMID: 33004303.

33. Shah S, Morris AO, Stone JA, **Chui MA**. Older Adult Shopping Persona Types and its Impact on Over-the-Counter Medication Misuse. *Proceedings of the International Symposium on Human Factors and Ergonomics in Health Care*. 2020;9(1):124-128. doi: 10.1177/2327857920091046
34. Shah S, Gilson AM, Jacobson N, Reddy A, Stone JA, **Chui MA**. Understanding the factors influencing older adults' decision-making about their use of over-the-counter medications—A scenario-based approach. *Pharmacy* 2020; 8(3):175; doi: 10.3390/pharmacy8030175.
35. Abebe E, Scanlon M, **Chui MA**. What do Family Caregivers Do When Managing Medications for their Children with Medical Complexity. *Applied Ergonomics*. doi: 10.1016/j.apergo.2020.103108
36. Gilson AM, Xiong KZ, Jacobson N, Stone JA, **Chui MA**. A pharmacy-based intervention to improve safe over the counter (OTC) medication use in older adults. *Res Social Adm Pharm*. doi: 10.1016/j.sapharm.2020.05.008
37. Aboneh E, Stone JA, Lester CA, **Chui MA**. Quality of handoffs in community pharmacies. *J Patient Saf*. 2020; 16(1): e18-e24. doi: 10.1097/PTS.0000000000000382.
38. Gilson A, Xiong KA, Stone JA, Jacobson N, Phelan C, Reddy A, **Chui MA**. Improving Patient-Pharmacist Encounters with Over-the-Counter Medications: A Mixed-Methods Pilot Study. *Innovations in Pharmacy* 2020; 11(1), Article 11. doi: 10.24926/iip.v11i1.2295
39. Shah SR, **Chui M**. Addressing need and formulating ideas to mitigate prescribing errors in pediatric settings. *Journal of Patient Safety and Risk Management*. 2019;24(6):227-229. doi: 10.1177/2516043519887051
40. Stone JA, Phelan CH, Holden RJ, Jacobson N, **Chui MA**. A pilot study of decision factors influencing over-the-counter medication selection and use by older adults. *Res Social Adm Pharm*. 2019. doi: 10.1016/j.sapharm.2019.11.013
41. Gerhart S, Bacci J, Upton C, Ferreri S, McGrath S, **Chui MA**, Rickles N, Smith M. Three opportunities for standardization: A literature review of the variation among pharmacists' patient care services terminology. *Res Social Adm Pharm*. 2019. doi: 10.1016/j.sapharm.2019.08.034.
42. Gilson AM, Stone JA, Reddy A, **Chui MA**. Exploring how pharmacists engage with patients about over-the-counter medications. *J Am Pharm Assoc (2003)*. 2019;59(6):852-856. doi: 10.1016/j.japh.2019.08.001.
43. Rotzenberg K, **Chui MA** Improving recruitment and retention of pharmacists in a practice-based research network. *Pharmacy (Basel)*. 2019;7(3). doi: 10.3390/pharmacy7030131.
44. **Chui MA**. Pohjanoksa-Mantyla M, Snyder ME. Improving medication safety in varied health systems. *Res Social Adm Pharm*. 2019;15(7):811-812. doi: 10.1016/j.sapharm.2019.04.012.
45. Reddy A, Lester CA, Stone JA, Holden RJ, Phelan CH, **Chui MA**. Applying participatory design to a pharmacy system intervention. *Res Social Adm Pharm*. 2019;15(11):1358-1367. doi: 10.1016/j.sapharm.2018.11.012.
46. Reddy A, Abebe E, Rivera AJ, Stone JA, **Chui MA**. Interruptions in community pharmacies: Frequency, sources, and mitigation strategies. *Res Social Adm Pharm*. 2019;15(10):1243-1250. doi: 10.1016/j.sapharm.2018.10.030.
47. Lester CA, Kessler JM, Modisett T, **Chui MA**. A text mining analysis of medication quality related event reports from community pharmacies. *Res Social Adm Pharm*. 2019;15(7):845-851. doi: 10.1016/j.sapharm.2018.09.013.

48. **Chui MA**, Stone JA, Holden RJ, et al. Improving OTC medication safety through a refined system redesign intervention in a community pharmacy. *Innov Aging*. 2018;2(Suppl 1):82. doi: 10.1093/geroni/igy1023.1312. eCollection 2018 Nov.
49. Abebe E, **Chui MA**. Exploring barriers to medication safety in an Ethiopian hospital emergency department: A human factors engineering approach. *Innovations in Pharmacy* 2018; 9(1), Article 7: 1-10. doi: 10.24926/iip.v9i1.950
50. **Chui MA**, Holden RJ, Russ AL, Abraham O, Srinivas P, Stone JA, Jahn MA, Ozkaynak M. Human factors in pharmacy. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*. 2017;61(1):666-670. doi: 10.1177/1541931213601653
51. Aboneh EA, Stone JA, Lester CA, **Chui MA**. Evaluation of patient safety culture in community pharmacies. *J Patient Saf*. 2017. doi: 10.1097/PTS.0000000000000245.
52. **Chui MA**, Stone JA, Holden RJ. Improving over-the-counter medication safety for older adults: A study protocol for a demonstration and dissemination study. *Res Social Adm Pharm*. 2017;13(5):930-937. doi: 10.1016/j.sapharm.2016.11.006
53. Lester CA, Look KA, **Chui MA**. Is the currently used prescription adjudication date a good proxy for calculating medication refill adherence? *J Manag Care Spec Pharm*. 2016;22(11):1311-1317. doi: 10.18553/jmcp.2016.22.11.1311
54. Lester CA, **Chui MA**. The prescription pickup lag, an automatic prescription refill program, and community pharmacy operations. *J Am Pharm Assoc (2003)*. 2016;56(4):427-432. doi: 10.1016/j.japh.2016.03.010
55. Aboneh EA, **Chui MA**. Care coordination, medical complexity, and unmet need for prescription medications among children with special health care needs. *Res Social Adm Pharm*. 2017;13(3):524-529. doi: 10.1016/j.sapharm.2016.05.043.
56. Lester CA, Mott DA, **Chui MA**. The influence of a community pharmacy automatic prescription refill program on Medicare Part D adherence metrics. *J Manag Care Spec Pharm*. 2016;22(7):801-807. doi: 10.18553/jmcp.2016.22.7.801
57. Lester CA, **Chui MA**. Using link analysis to explore the impact of the physical environment on pharmacist tasks. *Res Social Adm Pharm*. 2016;12(4):627-632. doi: 10.1016/j.sapharm.2015.09.011.
58. Stone JA, Lester CA, Aboneh EA, Phelan CH, Welch LL, **Chui MA**. A preliminary examination of over-the-counter medication misuse rates in older adults. *Res Social Adm Pharm*. 2017;13(1):187-192. doi: 10.1016/j.sapharm.2016.01.004.
59. Odukoya OK, Schleiden LJ, **Chui MA**. The hidden role of community pharmacy technicians in ensuring patient safety with the use of e-prescribing. *Pharmacy (Basel)*. 2015;3(4):330-343. doi: 10.3390/pharmacy3040330
60. Aboneh EA, Look KA, Stone JA, Lester CA, **Chui MA**. Psychometric properties of the AHRQ Community Pharmacy Survey on Patient Safety Culture: a factor analysis. *BMJ Qual Saf*. 2016;25(5):355-363. doi: 10.1136/bmjqs-2015-004001
61. Arora P, Mott DA, **Chui MA**, Kreling DH. Assessing unmet and latent demand for pharmacists at the state level. *Innov Pharm*. 2015;6(3):209. doi: 10.24926/iip.v6i3.391
62. Schleiden LJ, Odukoya OK, **Chui MA**. Older adults' perceptions of e-prescribing: Impact on patient care. *Perspect Health Inf Manag*. 2015;12(Winter):1d.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4700869/>

63. Odukoya OK, Stone JA, **Chui MA**. Barriers and facilitators to recovering from e-prescribing errors in community pharmacies. *J Am Pharm Assoc (2003)*. 2015;55(1):52-58. doi: 10.1331/JAPhA.2015.13239
64. Wetterneck T, Kelly M, Carayon P, Sesto M, Tavaarwerk A, **Chui M**, Stone J, Hoonakker P, Musa A, Holman T. Improving quality and safety through human factors collaborations with healthcare: The System Engineering Initiative for Patient Safety. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*. 2014;58(1):728-732. doi: 10.1177/1541931214581169.
65. Odukoya OK, Stone JA, **Chui MA**. E-prescribing errors in community pharmacies: exploring consequences and contributing factors. *Int J Med Inform*. 2014;83(6):427-437. doi: 10.1016/j.ijmedinf.2014.02.004.
66. Maxwell L, Odukoya OK, Stone JA, **Chui MA**. Using a conflict conceptual framework to describe challenges to coordinated patient care from the physicians' and pharmacists' perspective. *Res Social Adm Pharm*. 2014;10(6):824-836. doi: 10.1016/j.sapharm.2013.12.002.
67. Odukoya OK, Stone JA, **Chui MA**. How do community pharmacies recover from e-prescription errors? *Res Social Adm Pharm*. 2014;10(6):837-852. doi: 10.1016/j.sapharm.2013.11.009.
68. **Chui MA**, Stone JA, Odukoya OK, Maxwell L. Facilitating collaboration between pharmacists and physicians using an iterative interview process. *J Am Pharm Assoc (2003)*. 2014;54(1):35-41. doi: 10.1331/JAPhA.2014.13104.
69. **Chui MA**, Stone JA, Martin BA, Croes KD, Thorpe JM. Safeguarding older adults from inappropriate over-the-counter medications: the role of community pharmacists. *Gerontologist*. 2014;54(6):989-1000. doi: 10.1093/geront/gnt130
70. Odukoya OK, **Chui MA**, Pu J. Factors influencing quality of patient interaction at community pharmacy drive-through and walk-in counselling areas. *Int J Pharm Pract*. 2014;22(4):246-256. doi: 10.1111/ijpp.12073
71. **Chui MA**, Look KA, Mott DA. The association of subjective workload dimensions on quality of care and pharmacist quality of work life. *Res Social Adm Pharm*. 2014;10(2):328-340. doi: 10.1016/j.sapharm.2013.05.007
72. **Chui MA**, Stone JA. Exploring information chaos in community pharmacy handoffs. *Res Social Adm Pharm*. 2014;10(1):195-203. doi: 10.1016/j.sapharm.2013.04.009
73. **Chui MA**, Stone JA, Thorpe JM, Martin BA. Work system barriers to providing safe over-the-counter (OTC) medication recommendations for older adults. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*. 2013;57(1):1098-1102. doi: 10.1177/1541931213571244
74. Odukoya OK, **Chui MA**. e-Prescribing: characterisation of patient safety hazards in community pharmacies using a sociotechnical systems approach. *BMJ Qual Saf*. 2013;22(10):816-825. <https://doi.org/10.1136/bmjqs-2013-001834>
75. Johnson A, **Chui MA**, Moore M, Jensen B, Kieser M. Optimizing medication adherence communication with prescribers. *J Pharm Soc Wis*. 2013;16(3):53-56. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4031679/>
76. Battaglia JN, Lis JE, **Chui MA**. Evaluation of a patient perspective module in a required medication safety and quality course at a college of pharmacy. *Innov Pharm*. 2013;4(1). doi: 10.24926/iip.v4i1.284

77. Odukoya OK, **Chui MA**. Relationship between e-prescriptions and community pharmacy workflow. *J Am Pharm Assoc (2003)*. 2012;52(6):e168-174. doi: 10.1331/JAPhA.2012.12066
78. **Chui MA**, Stone JA. The prescription handoff in community pharmacy: a study of its form and function. *J Am Pharm Assoc (2003)*. 2012;52(6):e161-167. doi: 10.1331/JAPhA.2012.11233
79. **Chui MA**, Mott DA. Community pharmacists' subjective workload and perceived task performance: a human factors approach. *J Am Pharm Assoc (2003)*. 2012;52(6):e153-160. doi: 10.1331/JAPhA.2012.11135
80. Odukoya OK, **Chui MA**. E-prescribing: a focused review and new approach to addressing safety in pharmacies and primary care. *Res Social Adm Pharm*. 2013;9(6):996-1003. doi: 10.1016/j.sapharm.2012.09.004
81. Odukoya OK, **Chui MA**. Using think aloud protocols to assess e-prescribing in community pharmacies. *Innov Pharm*. 2012;3(3):88. doi: 10.24926/iip.v3i3.270/
82. Odukoya O, **Chui MA**. Retail pharmacy staff perceptions of design strengths and weaknesses of electronic prescribing. *J Am Med Inform Assoc*. 2012;19(6):1059-1065. doi: 10.1136/amiajnl-2011-000779
83. **Chui MA**, Mott DA, Maxwell L. A qualitative assessment of a community pharmacy cognitive pharmaceutical services program, using a work system approach. *Res Social Adm Pharm*. 2012;8(3):206-216. doi: 10.1016/j.sapharm.2011.06.001
84. Odukoya OK, **Chui MA**. Commentary on the federal government's role in influencing e-prescribing use and research. *Perspect Health Inf Manag*. 2012;9:1c. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3329207/>
85. Walsh KE, **Chui MA**, Kieser MA, Williams SM, Sutter SL, Sutter JG. Exploring the impact of an automated prescription-filling device on community pharmacy technician workflow. *J Am Pharm Assoc (2003)*. 2011;51(5):613-618. doi: 10.1331/JAPhA.2011.09166
86. Martin BA, **Chui MA**, Thorpe JM, Mott DA, Kreling DH. Development of a scale to measure pharmacists' self-efficacy in performing medication therapy management services. *Res Social Adm Pharm*. 2010;6(2):155-161. doi: 10.1016/j.sapharm.2010.05.001
87. Johnson JL, Duick DS, **Chui MA**, Aldasouqi SA. Identifying prediabetes using fasting insulin levels. *Endocr Pract*. 2010;16(1):47-52. doi: 10.4158/ep09031.Or
88. Tafreshi J, **Chui MA**, Riley AB. Implementation of an amiodarone ambulatory care clinic. *Am J Health Syst Pharm*. 2009;66(22):1997-1998, 2000-1991. doi: 10.2146/ajhp080555
89. **Chui MA**, Halton K, Peng JM. Exploring patient-pharmacist interaction differences between the drive-through and walk-in windows. *J Am Pharm Assoc (2003)*. 2009;49(3):427-431. doi: 10.1331/JAPhA.2009.07165
90. **Chui MA**. An elective course in personal finance for health care professionals. *Am J Pharm Educ*. 2009;73(1):6. doi: 10.5688/aj730106
91. Loeben G, **Chui MA**. Conscientious objection: does the zero-probability argument work? *Am J Bioeth*. 2007;7(6):28-30. doi: 10.1080/15265160701347395
92. Vigesaa KA, Downhour NP, **Chui MA**, Cappellini L, Musil JD, McCallian DJ. Efficacy and tolerability of compounded bioidentical hormone replacement therapy. *Int J Pharm Compd*. 2004;8(4):313-319. <https://www.ncbi.nlm.nih.gov/pubmed/23924704>

93. Hou N, **Chui MA**, Eckert GJ, Oldridge NB, Murray MD, Bennett SJ. Relationship of age and sex to health-related quality of life in patients with heart failure. <https://www.ncbi.nlm.nih.gov/pubmed/15043243> *Am J Crit Care*. 2004;13(2):153-161.
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95. **Chui MA**, Deer M, Bennett SJ, et al. Association between adherence to diuretic therapy and health care utilization in patients with heart failure. *Pharmacotherapy*. 2003;23(3):326-332. doi: 10.1592/phco.23.3.326.32112
96. Chrischilles EA, Fulda TR, Byrns PJ, Winckler SC, Rupp MT, **Chui MA**. The role of pharmacy computer systems in preventing medication errors. *J Am Pharm Assoc (Wash)*. 2002;42(3):439-448. doi: 10.1331/108658002763316879
97. **Chui M**. Evaluation of Online Prospective DUR Programs in Community Pharmacy Practice. *Journal of Managed Care Pharmacy*. 2000;6(1):27-32. doi: 10.18553/jmcp.2000.6.1.27

B. Peer Reviewed Book Chapters

1. Morris AO, Gilson AM, **Chui MA**, Xiong KZ. Utilizing a Cognitive Engineering Approach to Conduct a Hierarchical Task Analysis to Understand Complex Patient Decision-Making. In: *Research in Social & Administrative Pharmacy Methods Textbook*.
2. Holden RJ, Abebe E, Russ-Jara A, **Chui MA**. Human Factors and Ergonomics Methods for Pharmacy Research and Clinical Practice. In: *Research in Social & Administrative Pharmacy Methods Textbook*
3. **Chui MA**, Morris A, Mott DA. Community Retail Pharmacies: The Incipency of Patient Ergonomics Research in the Retail Pharmacy Setting. In: *The Patient Factor: A Handbook on Patient Ergonomics*, CRC Publishing, 2020.
4. Odukoya OK, Schneider L, **Chui MA**. Errors Related to Outpatient E-Prescribing. In: *Unintended Consequences of Health Information Technology (HIT) and Patient Safety: Clinical Case Series*, Springer Publishing, 2017.
5. **Chui MA**. Outcomes Evaluation of Pharmacy Operations. In: Zgarrick D, Desselle S, ed. *Pharmacy Management*. 3rd Ed. New York, NY: McGraw Publishing, 2012.
6. **Chui MA**. Evaluating the Outcomes of Value-Added Services. In: Zgarrick D, Desselle S, ed. *Pharmacy Management*. 2nd Ed. New York, NY: McGraw Publishing, 2008.
7. Wolfson J, **Chui MA**, Suggs R. Ethical and Legal Issues. In: Hanson A, Hurd P, Levin B, ed. *Introduction to Public Health for Pharmacists*. Jones & Bartlett, 2007.
8. **Chui MA**. Evaluating the Outcomes of Value-Added Services. In: Zgarrick D, Desselle S, ed. *Pharmacy Management*. New York, NY: McGraw Publishing 2004.

C. Non-Peer Reviewed Publications

1. Nigl M, **Chui MA**, Moore M. Developing a Standardized Protocol to Assist Pharmacists Dispensing Opioid Medications to Patients. *Journal of the Pharmacy Society of Wisconsin*.
2. **Chui MA**, Aboneh E, Stone JA, Lester CA. Improving medication safety: a partnership between the University of Wisconsin SAMS (Systems Approach to Medication Safety) Research Laboratory and

Community Pharmacists in Wisconsin. *Journal of the Pharmacy Society of Wisconsin*, Nov-Dec 2014, 54-7.

3. Odukoya O, **Chui MA**, Breslow RM. Application of medication safety strategies by pharmacy students in community pharmacies to improve quality of care. *Journal of the Pharmacy Society of Wisconsin*, Nov-Dec 2010, 33-6.
4. **Chui MA**. Improving the Health of Wisconsinites through greater collaboration between community pharmacists and faculty researchers. *Journal of the Pharmacy Society of Wisconsin*. 2009 March/April.
5. Brock J, **Chui MA**. Bilingual Communication Strategies and Attitudes in Counseling Spanish-speaking Patients in Arizona. *Arizona Pharmacist*. Summer 2008, 20-23, 27.
6. Sarna G, **Chui MA**. Arizona's Prescription Monitoring Program: Decreasing the Misuse of Prescription Controlled Substances. *Arizona Pharmacist*. Winter 2007.
7. **Chui MA**, Brock J. 2005 Arizona Pharmacist Compensation & Labor Survey (Part 2). *Arizona Pharmacist*. Jan-Mar 2007, 32-35.
8. **Chui MA**, Skinner M. 2005 Arizona Pharmacist Compensation & Labor Survey (Part 1). *Arizona Pharmacist*. Oct-Dec 2006, pp. 35-37.

D. Peer-Reviewed Research Podium/Oral Presentations and Abstracts

1. Hoffins EL, **Chui MA**. Applying the Communication-Human Information Processing Model to Understand Older Adult Cognitive Processing of Direct-to-Consumer Advertisements, HFES Health Care Symposium, March 2024
2. **Chui MA**. Senior Safe Case-Study: Examining a Conflict of Users and User-Centered Design, HFES Health Care Symposium, March 2024
3. Hill JR, Ganci A, Patel H, Campbell NL, **Chui MA**, Abebe E, Holden RJ. OTC Senior Station: Consumer-Facing Technology to Promote Medication Safety, GSA Annual Scientific Meeting, November 2023
4. Kearney H, Jolliff A, Collier RJ, Warner G, Feinstein JA, **Chui MA**, Katz B, Bach TD, Werner NE. Co-design of a mobile application to improve in-home medication safety for children with medical complexity. 2023 Pediatric Academic Societies Conference, Washington DC, May 2023
5. Hoffins EL, **Chui MA**. "Prescription Medication Commercials: Identifying Patient Personas to Enhance Patient-Centered Knowledge", ACH 2023 International Conference on Communication in Healthcare, October 2023
6. **Chui MA**. "Developing Solutions for Challenges Faced When Collecting Healthcare Professional and Patient Data in the Field" Nordic Social Pharmacy Conference 2023, Tromso, Norway, June 2023
7. Watterson TL, Stone JA, Gilson AM, **Chui MA**, Ford JH, Kleinschmidt P. Health IT to Support Medication Adherence: Usability of RxFill. AMIA Clinical Informatics Conference. 2023 May; Chicago, IL. Abstract Accepted.
8. Watterson TL, **Chui MA**, Ford J, Kleinschmidt P. Examining Usability of RxFill: Integrating Health IT to Support Medication Adherence. NAPCRG Annual Meeting Conference, November 2022

9. Watterson TL, Steege LM, Mott DA, Ford JH, Portillo EC, **Chui MA**. Factors Impacting Occupational Fatigue in Wisconsin Community Pharmacists: A Systems-Based Approach. Midwest Social and Administrative Pharmacy Conference. 2022 July; Chicago, IL, United States.
10. Morris AO, **Chui MA**. “Senior Section 2.0: Intersecting Implementation Science and Human Factors to Adapt Our Community Pharmacy Intervention to Improve Over-the-Counter Medication Safety Among Older Adults.” 2022 International Symposium on Human Factors and Ergonomics in Health Care, March 2022
11. Moon J, Bove ME, Morris AO, Gilson AM, Stone JA, Watterson TL, **Chui MA**. “Eye-tracking for Macroergonomics in the Wild: Exploring its Use for Understanding Older Adults’ Over-the-Counter Medication Selection Behavior in Community Pharmacies and its Implications for Other Health Care Settings.” 2022 International Symposium on Human Factors and Ergonomics in Health Care, March 2022
12. Kleinschmidt P, **Chui MA**. CancelRx: A Sea of Change in Clinic-Pharmacy Communication. Epic XGM 2021. 2021 May; Virtual
13. Morris A, **Chui MA**. “Understanding Complex Older Adult Decision-Making while Selecting Over-the-Counter Medication from the Community Pharmacy: A Hierarchical Task Analysis” HFES International Symposium on Human Factors and Ergonomics in HealthCare April 2021
14. Watterson TL, Stone JA, Brown R, Xiong KZ, Scheifelbein A, Ramly E, Semanik M, Kleinschmidt P, Craddock L, Pitts S, Woodroof T, **Chui M**. Reducing Medication List Discrepancies in the Outpatient Setting. American Pharmacists Association Annual Meeting. 2021 March; Virtual.
15. Pitts S, **Chui MA**, “Implementation of Electronic Prescription Cancellations: A Tale of Two Health Systems, A Retail Pharmacy, and the Evolution of the CancelRx Standard” AMIA Annual Symposium November 2020
16. Kleinschmidt P, Watterson T, Xiong KZ, Stone JA, Ramly E, Craddock L, Semanik M, Schiefelbein A, Brown R, **Chui MA**. “CancelRx: An Interoperability Standard to Reduce Medication Discrepancies between Clinics and Community Pharmacies” (cancelled) AMIA CIC Meeting, May 2020
17. Watterson T, Xiong KZ, Ramly R, Stone JA, **Chui MA**. “CancelRx: Comparing Front-Line and Leadership Perceptions of Health IT Implementation Using Quantitative Ethnography” American Pharmacists Association Annual Meeting March 2020. doi: 10.1016/j.japh.2020.04.013
18. Watterson T, Look K, **Chui MA**. “Testing a Pharmacist Occupational Fatigue Survey” American Pharmacists Association Annual Meeting, March 2018. doi: 10.1016/j.japh.2019.05.016
19. **Chui MA**, Bix L, Holden RJ, Albert S. “Optimizing OTC Medication Use: Packaging, Human Factors, Pharmacy Redesign” the Gerontological Society of America, November 2018
20. Watterson T, Look K, **Chui MA**. “Operationalizing Occupational Fatigue in Wisconsin Pharmacists” Midwest Social & Administrative Pharmacy Conference, August 2018
21. Reddy A, Stone JA, **Chui MA**. “How do health literacy and risk perception impact older adult misuse of over-the-counter medications?” Midwest Social & Administrative Pharmacy Conference, August 2018
22. Lester CA, **Chui MA**. “Evaluating the Patient Experience at Community Pharmacies using Yelp! Reviews” American Pharmacists Association Annual Meeting, March 2017

23. Abebe E, **Chui MA**. “Care Coordination, Medical Complexity, and Unmet Need for Prescription Medications among Children with Special Health Care Needs” Midwest Social & Administrative Sciences Conference, August 2016
24. Lester CA, **Chui MA**. “Evaluating the Patient Experience at Community Pharmacies using Yelp! Reviews” Midwest Social & Administrative Sciences Conference, August 2016
25. Aboneh EA, **Chui MA**. “Factors Associated with Community Pharmacy Patient Safety Culture” American Pharmacists Association Annual Meeting, March 2015
26. Aboneh EA, **Chui MA**. “Exploring Medication Safety Hazards in an Ethiopian Academic Emergency Department: a Human Factors Approach” Social & Administrative Pharmacy Midwest Conference, July 2014
27. Lester C, **Chui MA**. “Exploring the Effect of an Automatic Prescription Refill Program on Medication Adherence” Social & Administrative Pharmacy Midwest Conference, July 2014
28. Aboneh EA, **Chui MA**. “Exploring Medication Safety Hazards in an Ethiopian Academic Emergency Department: a Human Factors Approach” 10th Annual Global Health Symposium, April 2014
29. Odukoya O, **Chui, MA**, Stone JA. “Application of the SEIPS Work System Model to explore barriers and facilitators to addressing problematic e-prescriptions in community pharmacies” American Pharmacists Association Annual Meeting, March 2014
30. Martin BA, **Chui MA**, Croes KD. “Counseling Older Adults on High Risk Over-the-Counter Medications: A Community Pharmacy Perspective.” The Gerontological Society of America Annual Scientific Meeting, November 2013
31. **Chui MA**, Stone JA, Thorpe JM, Martin BA. “Barriers to Pharmacists Providing Safe Over-the-Counter (OTC) Medication Recommendations to Older Adults: A Human Factors Approach.” The Gerontological Society of America Annual Scientific Meeting, November 2013
32. Odukoya O, **Chui MA**. “How are community retail pharmacies preventing e-prescribing errors?” American Medical Informatics Association Annual Symposium, November 2013
33. Look K, Mott DA, **Chui MA**. “The Role of Subjective Workload on Quality of Care and Pharmacist Quality of Work Life.” American Pharmacists Association, March 2013
34. Odukoya O, **Chui MA**. “Recommendations for Improving e-prescribing technology design and use in pharmacies.” Midwest Social & Administrative Pharmacy Conference, August 2012
35. Valentine-Brouner V, **Chui MA**. “Nursing Home Nurses’ Roles and Responsibilities in Medication Reconciliation upon Hospital to Nursing Home Transitions.” Midwest Social & Administrative Pharmacy Conference, August 2012
36. Odukoya O, **Chui MA**. “Examining the Impact of E-prescribing Use on Community Pharmacy Workflow.” American Pharmacists Association, March 2012
37. **Chui MA**, Maxwell L, Carbo A. “The Prescription Handoff in Community Pharmacy: A Study of its Form and Function.” the American Pharmacists Association Annual Meeting, March 2011
38. **Chui MA**, Odukoya O, Rodriguez E. “Comparison of Patient-Pharmacist Encounters between the Drive-thru and Walk-in Windows.” the American Pharmacists Association Annual Meeting, March 2011

39. **Chui MA**, Mott DA, Maxwell L, Kreling DH, Martin BA. “A Qualitative Assessment of Important Pharmacy Work System Facilitators to Pharmacist Role Expansion.” American Pharmacists Association Annual Meeting, March 2010
40. Martin BA, **Chui MA**, Thorpe JM, Mott DA, Kreling DH. “Development of a Scale to Measure Pharmacists' Self-Efficacy in Performing WPQC Medication Therapy Management Interventions.” American Pharmacists Association Annual Meeting, March 2010
41. Hudgins T, **Chui MA**, Loeben G. “Should Pharmacists have the Right to Conscientiously Object to Dispensing Contraception. A Prescriber’s Perspective.” American Pharmacists Association Annual Meeting, March 2006
42. **Chui MA**, Rupp MT. “Evaluation of Computer-Generated DUR Alerts in Community Pharmacy.” American Pharmacists Association Annual Meeting, March 2005
43. Vigesaa KA, Downhour NP, **Chui MA**, Cappellini L, Musil JD, McCallian D. “Efficacy and Tolerability of Compounded Bio-identical Hormone Replacement Therapy.” Western States Conference, June 2003
44. **Chui MA**, Rupp MT. “Evaluation of Online Prospective DUR Programs in Community Pharmacy Practice.” American Pharmaceutical Association Annual Meeting, March 1999

E. Peer-Reviewed Research Posters and Abstracts

1. Chladek JS, Gilson AM, Stone JA, Lehnbohm EC, Watterson TL, Berbakov ME, Hoffins EL, Moon J, **Chui MA**. The High Prevalence and Complexity of Over-the-Counter Medication Misuse in Older Adults. American Pharmacists Association Annual Meeting. March 2024
2. *Chui MA*, Gilson AM, Chladek J, Lehnbohm EC, Watterson TL, Berbakov ME, Hoffins EL, Moon J, Stone JA. Older Adult Misuse of High-Risk Over-the-Counter Medications: Benefits of a Pharmacy-Based Intervention. American Pharmacists Association Annual Meeting. March 2024
3. Chladek JS, **Chui MA**. Access to Vivitrol for Formerly Incarcerated Individuals During Community Reentry: Advancing the Role of Community Pharmacists in Wisconsin. American Pharmacists Association Annual Meeting. March 2024
4. Watterson TL, Moon, J, Stone JA, Gilson AM, Jacobson N, Berbakov ME, Hoffins EL, Chladek JS, Lehnbohm EC, **Chui MA**. Linking EPIS’s Inner Context and Innovation Factors: A Community Pharmacy-Based Intervention’s Impact on Staff Workload and Workflow. 16th Annual Conference on the Science of Dissemination and Implementation. December 2023
5. Hoffins EL, Berbakov ME, Stone JA, Gilson AM, Chladek JS, Watterson TL, Lehnbohm EC, Moon J, Holden RJ, Jacobson N, Shiyabola OO, Welch LL, Walker KD, Gollhardt JD, **Chui MA**. Designing for Sustainment: Using the EPIS Framework to Scale a Medication Safety Intervention in Community Retail Pharmacies. 16th Annual Conference on the Science of Dissemination and Implementation. December 2023
6. Hoffins E, **Chui MA**. Understanding how older adults engage with direct-to-consumer advertisements: A persona analysis approach. 2023 National Conference on Health Communication, Marketing, and Media. July 2023
7. Chladek JS, Gilson AM, Stone JA, Lehnbohm EC, Hoffins EL, Berbakov ME, Moon J, **Chui MA**. The High Prevalence of Over-the-Counter Medication Misuse in Older Adults: Response to the CHPA-GSA National Summit. Gerontological Society of America Annual Scientific Conference. November 2023

8. Chladek JS, Gilson AM, Stone JA, Lehnborn EC, Hoffins EL, Berbakov ME, Moon J, **Chui MA**. Older Adult Misuse of Over-the-Counter Medications: Benefits of a Novel Pharmacy-based Intervention. Gerontological Society of America Annual Scientific Conference. November 2023
9. Hill J, Ganci A, Patel H, Campbell N, **Chui MA**, Abebe E, Holden R. OTC Senior Station: Consumer-Facing Technology to Promote Medication Safety. Gerontological Society of America Annual Scientific Meeting. November 2023
10. Moon J, **Chui MA**, Gilson, A, Stone JA, Leinborn E, Watterson TL, Berbakov M, Hoffins E, Chladek J. Shifting the paradigm in outpatient safety through the lens of crisis management. Human Factors & Ergonomics Annual Meeting. October 2023.
11. Watterson TL, Steege LM, Mott DA, Ford JH, Portillo EC, **Chui MA**. Factors Impacting Occupational Fatigue in Community Pharmacists during the COVID-19 Pandemic: A Systems-Based Approach. Academy Health Annual Research Meeting. 2023 June. Seattle, WA.
12. Chladek J, Maurer MA, Prickett T, **Chui MA**. Facilitating the Dissemination of an Opioid Stewardship Framework across Wisconsin. American Pharmacists Association Annual Meeting 2023 March; Phoenix, AZ, United States
13. Watterson TL, Stone JA, Gilson AM, Ford JH, **Chui MA**, Kleinschmidt. Examining Usability of RxFill: Integrating Health IT to Support Medication Adherence. North American Primary Care Research Group Annual Meeting. 2022 Nov; Phoenix, AZ, United States.
14. Watterson TL, Steege LM, Mott DA, Ford JH, Portillo ED, **Chui MA**. Tracking Fatigue: What Wearable Devices Tell Us About Pharmacist Fatigue. American Pharmacists Association Annual Meeting. 2022 March; San Antonio, TX, United States
15. Watterson TA, **Chui MA**. CancelRx: The Role of Technology when Controlled Substances are Discontinued. Academy Health Annual Meeting June 2021, Virtual Conference
16. Portillo EC, Lehmann MR, Kettner JT, Bhardwaj SD, Goodrich DE, Bowersox NW, McFarland S, Hagen TL, Virrueta NA, **Chui MA**. Evaluation of Clinical Perceptions and Impact of a Coordinated Care Transitions Program for COPD Management. Pharmacy Society of Wisconsin Annual Meeting September 2021
17. Alamer KA, Campbell NL, Holden RJ, **Chui MA**, Stone JA. Feasibility of Collecting Over-the-Counter (OTC) Medication Possession and Use in the Home with Older Adults” American Geriatric Society Annual Scientific Meeting, May 2021
18. Kaur A, Pagenkopt, Mott D, **Chui MA**, Maurer M, Rotzenberg K, Prickett T, Marin E, Barron C. Interprofessional Stakeholder Engagement Process in the Implementation of a Targeted Clinical Decision Support Opioid Toolkit to Improve Naloxone Prescribing. American Pharmacists Association Annual Meeting March 2021
19. Kleinschmidt P, Watterson T, Xiong KZ, Stone, JA, Ramly E, Craddock L, Semanik M, Schiefelbein A, Brown R, **Chui MA**. CancelRx: An interoperability standard to reduce medication discrepancies between clinics and community pharmacies [session cancelled]. AMIA 2020 Clinical Informatics Conference; May 19-21, 2020; Cancelled due to COVID-19
20. Watterson TL, Stone JA, Brown R, Ramly E, Kleinschmidt P, Semanik M, Schiefelbein A, Xiong KZ, Craddock L, **Chui MA**. CancelRx: Implementation and sustainability of a health IT tool to reduce medication list discrepancies. Academy Health Conference on the Science of Dissemination and Implementation. 2020 December; Virtual Conference

21. Kaur A, Mott DA, **Chui MA**. Implementation and effectiveness evaluation of an opioid toolkit to increase naloxone prescribing in a rural health system. Academy Health Conference on the Science of Dissemination and Implementation. 2020 December; Virtual Conference
22. Shah SR, Morris AO, Stone JA, **Chui, MA**. “Older Adult Shopping Persona Types and its Impact on Over-the-Counter Medication Misuse” International Symposium on Human Factors and Ergonomics in Health Care, March 2020
23. Morris A, **Chui MA**, Gilson A, Stone JA, Brown R, Holden R, Jacobson N, Albert S, Xiong K, Phelan C, Walbrant-Pigarelli D, Breslow R. “Impact of a Community Pharmacy System Redesign on Reducing OTC Medication Misuse in Older Adults ” American Pharmacists Association Annual Meeting March 2020
24. Stone JA, Watterson T, Xiong KZ, Ramly R, Kleinschmidt P, Semanik M, Craddock LN, **Chui MA**. “Identifying Vulnerabilities in HealthIT: A Case Study of CancelRx Implementation in Clinic and Pharmacy Sociotechnical Systems” International Symposium on Human Factors and Ergonomics in Health Care. 2020;9(1):64-66. doi:10.1177/2327857920091049
25. Xiong KZ, Watterson T, Stone J, **Chui MA**. “Unintended Consequences of CancelRx” Academy Health Dissemination & Implementation Conference, December 2019
26. Reddy A, Lester CA, Stone JA, Phelan C, **Chui MA**. “Using invisible design to engage stakeholders in health system intervention implementation.” Academy Health Dissemination & Implementation Conference, December 2019
27. Watterson T, Xiong KX, Stone JA, Ramly E, Craddock L, Semanik M, Kleinschmidt P, Schiefelbein A, Brown R, **Chui MA**. “Front-line vs. Leadership Perceptions of Health IT Implementation” International Conference on Quantitative Ethnography, October 2019
28. Huppert M, Schobert B, **Chui MA**. “Pharmacist Interventions After Completion of Discharge Planning in Rural Hospitals” Pharmacy Society of Wisconsin Educational Conference, April 2019
29. Reddy AC, **Chui MA**. “The Relationship Between Health Literacy, Risk perception, and Over-the-Counter Medication Misuse”. Presented at Wisconsin Health Literacy Summit, April 2019
30. Reddy AC, **Chui MA**. “Impact of Health Literacy and Risk Perception on Over-the-Counter Medication Misuse”. Presented at Translational Science, March 2019
31. Flynn B, Xiong KZ, Stone JA, **Chui MA**. “A Comparison of Patient Encounters Prior to and After an OTC Safety Intervention in a Community Pharmacy Setting” American Pharmacists Association Annual Meeting, March 2019
32. Reddy A, Abebe E, Rivera AJ, **Chui MA**. “Evaluating the Source and Frequency of Interruptions in Community Pharmacies” American Pharmacists Association Annual Meeting, March 2019
33. Watterson TL, **Chui MA**. “Testing an Occupational Fatigue Survey for Pharmacists” Human Factors & Ergonomics Society Health Care Symposium, March 2019
34. Reddy A, Stone JA, **Chui MA**. “Utility of Invisible Design in Developing a Pharmacy System Intervention” Human Factors & Ergonomics Health Care Society Symposium, March 2019
35. Xiong KZ, Reddy A, Stone JA, Lester CA, **Chui MA**. “Using Implementation Outcomes to Guide Stakeholder Engagement in an Over-the-Counter Medication Safety Intervention” Academy Health Annual Conference on the Science of Dissemination and Implementation, December 2018

36. Watterson T, Xiong KZ, Stone JA, Ramly E, Craddock L, Young A, Schiefelbein A, Brown R, **Chui MA**. “Implementing CancelRx: Describing adoption barriers using a process map framework” Academy Health Annual Conference on the Science of Dissemination and Implementation, December 2018
37. Reddy A, Stone JA, Lester CA, Holden RJ, **Chui MA**. “Developing a System-level Medication Safety Intervention for Older Adults: The Utility of Participatory Design. National Academy of Engineering, May 2018
38. Reddy A, Stone JA, Lester CA, Holden RJ, **Chui MA**. “Participatory Design of a Pharmacy-Based Intervention: A Novel Approach to Improving Over-the-Counter Medication Safety for Older Adults” American Pharmacists Association Annual Meeting, March 2018
39. Watterson TL, **Chui MA**. “On the Path to PhD? PharmD Student Perceptions of Post-Graduate Education” American Pharmacists Association Annual Meeting, March 2018
40. Lester CA, Reddy A, Jamie Stone, Holden RJ, **Chui MA**. “Participatory Design: An effective approach to designing a patient-centered intervention to Improve Over-the-Counter medication safety for older adults” Academy Health Annual Research Meeting, June 2017
41. Aboneh EA, Lee KJ, Scanlon M, **Chui MA**. “Medication Management and Care Coordination for Children with Medical Complexity: Training Future Pharmacists for New Roles”, the American Association of Colleges of Pharmacy Annual Meeting, July 2016
42. Aboneh EA, Lee KJ, Scanlon M, **Chui MA**. “Cognitive Work Analysis: A Framework to Uncover System Constraints to Medication Safety among Children with Medical Complexity”, the UNC Conference on Pediatric Medication Safety, Jun 2016
43. Aboneh EA, **Chui MA**. “Care Coordination, Medical Complexity, and Unmet Need for Prescription Medications among Children with Special Health Care Needs”, Accepted to the American Pharmacists Association Annual Meeting, March 2016
44. Nigl M, **Chui MA**. Kieser M, Moore M. “Developing a Standardized Protocol to Assist Pharmacists Dispensing Opioid Medications to Patients”, Accepted to the American Pharmacists Association Annual Meeting, March 2016
45. Lester C, **Chui MA**. “Using Link Analysis to Explore how the Physical Environment Impacts Pharmacist Tasks” American Pharmacists Association Annual Meeting, March 2015
46. Hurley E, **Chui MA**. “Improving Medication Safety by Removing Extraneous PRN Medications from Patient Profiles in a Long Term Acute Care Hospital” American Pharmacists Association Annual Meeting, March 2015
47. Schobert B, **Chui MA**, Moore M. “Developing a Drug-Drug Interaction Toolkit and Exploring its Usefulness in Community Pharmacies”, the American Pharmacists Association Annual Meeting, March 2015
48. Odukoya O, **Chui MA**, Stone JA. “E-Prescribing Errors in Community Pharmacies: Exploring Consequences and Contributing Factors” Academy Health Annual Research Meeting, June 2014
49. Scarpace K, **Chui MA**, Kieser MA. “Understanding the Usability of Pharmacy Dispensing Computer Systems to Prepare and Document Comprehensive Medication Reviews” American Pharmacists Association Annual Meeting, March 2014

50. Lester C, **Chui MA**. “Can Components of Medication Therapy Management Services be Incorporated into Routine Patient Counseling?” American Pharmacists Association Annual Meeting, March 2014
51. Aboneh EA, **Chui MA**. “Evaluating the Impact of Interdisciplinary Teamwork on Medication Safety in an Ethiopian Emergency Department” American Pharmacists Association Annual Meeting, March 2014
52. Odukoya O, **Chui MA**, Stone JA. “Expanding on AHRQ’s E-prescribing Workflow in Community Pharmacies: A Qualitative Study.” Human Factors and Ergonomics Society Health Care Symposium, March 2014
53. Lester C, **Chui MA**. “Implementing Work System Re-Design to Improve Patient-Provider Communication in Community Retail Pharmacies” Human Factors and Ergonomics Society Health Care Symposium, March 2014
54. Aboneh E, **Chui MA**. “Evaluating the Impact of Interdisciplinary Teamwork on Medication Safety in an Ethiopian Emergency Department” Human Factors and Ergonomics Society Health Care Symposium, March 2014
55. Leedham RK, **Chui MA**, Mott DA. “Will Pharmacists expand Medication use Quality Services when Provided Reimbursement?” Human Factors and Ergonomics Society Health Care Symposium, March 2014
56. **Chui MA**, Stone JA, Thorpe JM, Martin BA. “Work System Barriers to Pharmacists Providing Safe Over-the-Counter (OTC) Medication Recommendations to Older Adults: A Human Factors Approach.” The International Pharmaceutical Federation (FIP) Congress, Dublin, Ireland, September 2013
57. Odukoya O, **Chui MA**. “Unintended Sociotechnical Consequences of E-prescribing Technology in Retail Pharmacies and Redesign Recommendations.” Human Factors and Ergonomics Health Care Symposium, March 2013
58. Stutt K, **Chui MA**, Statz-Paynter J, Kieser MA. “Categorization and Potential Mitigation of E-prescribing Ambiguities in a Health System Pharmacy.” American Pharmacists Association, March 2013
59. Allen JJ, **Chui MA**, Moore M, Kieser MA. “Identifying the Facilitators and Barriers to Pharmacists Intervening on Inappropriate Benzodiazepine Prescriptions in the Elderly.” American Pharmacists Association, March 2013
60. Odukoya O, **Chui MA**. “Recommendations for Improving e-Prescribing Technology Design and Use.” Drug Information Association Annual Meeting, June 2012.
61. Odukoya OK, **Chui MA**. “Design Features of e-prescribing in community pharmacies.” American Pharmacists Association Annual Meeting, March 2012
62. Odukoya O, **Chui MA**. “Human Factors Analysis of Patient Safety Concerns Associated with E-prescribing in Pharmacy.” American Pharmacists Association Annual Meeting, March 2012
63. Johnson AR, **Chui MA**, Moore M, Jensen B. “Optimizing medication adherence communication between pharmacists and prescribers.” American Pharmacists Association Annual Meeting, March 2012
64. Bryant JE, Wolf JN, **Chui MA**, Breslow RM, Odukoya OK. “Impact of Josie’s Story to highlight patient perspectives in a required medication safety course.” American Association of Colleges of Pharmacy Annual Meeting, June 2011.

65. **Chui MA**, Mott DA, Rodriguez E. “Relationship of Community Pharmacists’ Mental Workload with Perceived Task Performance: a Human Factors Approach.” American Pharmacists Association Annual Meeting, March 2011
66. D’Epiro G, **Chui MA**, Jensen B, Moore M. “Effectively incorporating a technician into the medication therapy management workflow in a community pharmacy.” American Pharmacists Association Annual Meeting, March 2011
67. **Chui MA**, Cory P, Trapskin K, Sorum S. “Implementing quality-based, best practice network requirements in WPQC community pharmacies: successes, challenges, and lessons learned.” American Pharmacists Association Annual Meeting, March 2010
68. Trapskin K, Sorum S, Johnson C, **Chui MA**, Mott DA, Decker C. “The innovative role of a state pharmacy association in building and sustaining the Wisconsin Pharmacy Quality Collaborative medication therapy management services program.” American Pharmacists Association Annual Meeting, March 2010
69. Boe L, **Chui MA**, Jensen B, Kieser MA, Moore M. “Enhanced Communication in Primary Care - Use of a Novel Intranet Communication Tool to Foster Collaborative Care.” American Pharmacists Association Annual Meeting, March 2010
70. Petersen SL, Kieser MA, **Chui MA**. “Drug Therapy Problems in Community-based Resident Facilities: Assessing Effectiveness of an Educational Intervention.” American Pharmacists Association Annual Meeting, March 2010
71. **Chui MA**, Cory P, Trapskin K, Boyce S. “Implementation and Assessment of Continuous Quality Improvement for Community Pharmacies Participating in the Wisconsin Pharmacy Quality Collaborative.” American Pharmacists Association Annual Meeting, April 2009
72. Brock J, **Chui MA**. “Bilingual Communication Strategies and Attitudes in Counseling Spanish-Speaking Patients.” American Pharmacists Association Annual Meeting, March 2008
73. Halton K, Peng P, **Chui MA**. “Comparison of pharmacist-patient interactions between the drive-thru and walk-in windows.” American Society of Health-System Pharmacists Midyear Meeting, December 2007
74. Brock J, **Chui MA**. “Bilingual Communication Strategies and Attitudes in Counseling Spanish-Speaking Patients.” American Society of Health-System Pharmacists Midyear Meeting, December 2007
75. Johnson J, Duick A, **Chui MA**. “Identifying Prediabetes With a Clinical Predictive Model Utilizing Fasting Insulin Quartiles.” 5th Annual World Congress on the Insulin Resistance Syndrome, October 2007
76. **Chui MA**. “An Elective Course in Personal Finance for Healthcare Professionals.” American Association of Colleges of Pharmacy Annual Meeting, July 2007
77. Clark C, Martin J, Olson J, Middleton T, Middleton D, **Chui MA** “Empowering Uncontrolled Diabetic Patients Through a Focused and Individualized Education Intervention.” American Society of Health System Pharmacists Midyear Meeting, December 2006
78. Embree A, Fornay E, Khan A, Simon S, **Chui MA**. “Increasing Diabetes Awareness in American Indian Schoolchildren.” American Society of Health-System Pharmacists Midyear Meeting, December 2006

79. Gracia P, **Chui MA**. “Pursuing Better Health for Patients Diagnosed with Diabetes Mellitus and Metabolic Syndrome: An Educational Intervention targeted for Low Literacy Incarcerated Patients.” American Society of Health-System Pharmacists Midyear Meeting, December 2005
80. Boyle R, Singla D, **Chui MA**. “Development and Pilot Implementation of a Pharmacy Directed Food Tour for the Hispanic Diabetic Population.” American Society of Health-System Pharmacists Midyear Meeting, December 2005
81. Bowman B, Helle L, **Chui MA**. “Identification of the Compounding Habits and Attitudes of Pharmacy Preceptors.” American Association of Colleges of Pharmacy Annual Meeting, July 2004
82. Mathys ML, Storjohann T, **Chui MA**. “Introducing Pharmacy Students to the Management of Clinically Complicated Geriatric Patients through an Innovative Geriatrics Elective Course.” American Association of Colleges of Pharmacy Annual Meeting, July 2004
83. Bowman B, Helle L, **Chui MA**. “Identification of the Compounding Habits and Attitudes of Pharmacy Preceptors.” Arizona Pharmacists Association, June 2004
84. **Chui MA**, Williamson T, Arcineiga J, Thompson C, Benecke H. “Patient Persistency with Medications for Overactive Bladder.” International Society of Pharmacoeconomics and Outcomes Research Annual International Meeting, May 2004
85. Peters SJ, **Chui MA**, DeKorte C. “Empirical Assessment of Student Outcomes from a Service-Learning Experience.” American Association of Colleges of Pharmacy Annual Meeting, July 2003
86. Singla D, **Chui MA**. “The Effect of Age on the Maintenance Dosing of Warfarin in Elderly Patients.” Arizona Society of Health Systems Pharmacists/Arizona Pharmacy Association Annual Meeting, June 2003
87. Singla D, **Chui MA**. “Low-dose Oral Vitamin K to Correct Excessive Anticoagulation in the Very Elderly .” Arizona Society of Health Systems Pharmacists/ Arizona Pharmacy Association Annual Meeting, June 2003
88. Ng J, Barone R, **Chui MA**, Loeben G. “How Far Can Arizona Hospital Pharmacists Go To Protect Their Beliefs When Providing Patient Care?” American Society of Health-System Pharmacists Midyear Meeting, December 2002
89. Lamer M, Wyatt A, Singla D, **Chui MA**. “Low-dose Oral Vitamin K to Correct Excessive Anticoagulation in the Very Elderly.” American Society of Health-System Pharmacists Midyear Meeting, December 2002
90. Storjohann T, **Chui MA**. “Pilot Study of the Correlation and Clinical Agreement of a Portable Coagulation Monitor for Point-of-Care Patient Management (CoaguChek S®).” American Colleges of Clinical Pharmacy, October 2002
91. **Chui MA**, Murray MD. “Medication Adherence and Health care Utilization in Heart Failure Patients.” International Society for Pharmacoeconomics and Outcomes Research Meeting, May 2002
92. **Chui MA**, Bennett SJ, Mason H, Murray MD. “Association among Diuretic Compliance, Quality of Life, and Clinical and Economic Outcomes in Heart Failure Patients.” The American Pharmaceutical Association Annual Meeting, March 2001
93. Hou N, Bennett SJ, Eckert GJ, Deer MM, Embree JL, Browning S, **Chui MA**, Murray MD. “Correlates of Mental Status in Heart Failure.” The American Heart Association 73rd Scientific Sessions, November 2000

94. **Chui MA**, Tamayo J. “Enhancing the Continuum of Pharmaceutical Care: Maintaining the Patient-Pharmacist Relationship in the Hospital and Community.” American Society of Health-Systems Pharmacy Midyear Meeting, December 1994

F. Non Peer-Reviewed Research Posters and Abstracts

1. Watterson TL, Stone JA, Gilson AM, **Chui MA**, Ford JH, Kleinschmidt P. Examining Usability of RxFill: Integrating Health IT to Support Medication Adherence. Biannual Fellowship Symposia. 2022 December.
2. Watterson TL, **Chui MA**. Subjective and Objective Assessment of Pharmacist Fatigue. National Occupational Research Agenda (NORA) Online Symposium. 2021 April; Virtual
3. Huppert M, Kieser M, Schobert B, **Chui MA**. “Development and Evaluation of Chronic Care Management in a Rural Health System”, Pharmacy Society of Wisconsin Educational Conference, April 2020
4. Watterson TL, **Chui MA**. Impact of a Case Based Learning Discussion Session for 3rd Year Pharmacy Students. Center for the Integration of Research, Teaching and Learning All Network Teaching-as-Research Presentations. 2018 November; Webinar
5. Watterson TL, **Chui MA**. Developing a Survey to Characterize Fatigue in Pharmacists. National Academy of Engineering Regional Meeting. 2018 March; Madison, WI, United States
6. Watterson TL, **Chui MA**. Developing a Survey to Characterize Fatigue in Pharmacists. Wisconsin Institute for Healthcare Systems Engineering, 2018 March; Madison, WI, United States
7. Nigl M, **Chui MA**. Kieser M, Moore M. “Developing a Standardized Protocol to Assist Pharmacists Dispensing Opioid Medications to Patients”, Great Lakes Residency Conference, May 2016
8. Schobert B, **Chui MA**, Moore M. “Developing a Drug-Drug Interaction Toolkit and Exploring its Usefulness in Community Pharmacies”, Great Lakes Residency Conference, May 2015
9. Lester C, **Chui MA**. “Using Link Analysis to Explore how the Physical Environment Impacts Pharmacist Tasks” School of Pharmacy Social & Administrative Sciences Poster Session, April 2015
10. Hurley E, **Chui MA**. “Improving Medication Safety by Removing Extraneous PRN Medications from Patient Profiles in a Long Term Acute Care Hospital” School of Pharmacy Social & Administrative Sciences Poster Session, April 2015
11. Schobert B, **Chui MA**, Moore M. “Developing a Drug-Drug Interaction Toolkit and Exploring its Usefulness in Community Pharmacies”, Pharmacy Society of Wisconsin Educational Conference, April 2015
12. Aboneh EA, **Chui MA**. “Evaluating the Impact of Interdisciplinary Teamwork on Medication Safety in an Ethiopian Emergency Department” Global Health Symposium, April 2014
13. Aboneh EA, **Chui MA**. “Evaluating the Impact of Interdisciplinary Teamwork on Medication Safety in an Ethiopian Emergency Department” I-Practise Conference, March 2014
14. Prostek J, Kaur M, **Chui MA**. “The Impact of the Recession on Community Pharmacy Practice in Wisconsin.” Pharmacy Society of Wisconsin Educational Conference, April 2013
15. Stutt K, **Chui MA**, Statz-Paynter J, Kieser MA. “Categorization and Potential Mitigation of E-prescribing Ambiguities in a Health System Pharmacy.” Pharmacy Society of Wisconsin Educational Conference, April 2013

16. Allen JJ, **Chui MA**, Moore M, Kieser MA. "Identifying the Facilitators and Barriers to Pharmacists Intervening on Inappropriate Benzodiazepine Prescriptions in the Elderly." Pharmacy Society of Wisconsin, April 2013
17. Odukoya OK, **Chui MA**. "Impact of electronic prescribing on patient safety and community pharmacy workflow." Wisconsin Research and Education Network Annual Meeting, September 2011
18. Odukoya OK, **Chui MA**. "Impact of electronic prescribing on patient safety and community pharmacy workflow." Pharmacy Society of Wisconsin Annual Meeting, August 2011
19. D'Epiro G, **Chui MA**, Jensen B, Moore M. "Effectively incorporating a technician into the medication therapy management workflow in a community pharmacy." Pharmacy Society of Wisconsin Educational Conference, April 2011
20. **Chui MA**, Cory P, Trapskin K, Sorum S. "Implementing quality-based, best practice network requirements in WPQC community pharmacies: successes, challenges, and lessons learned." Pharmacy Society of Wisconsin Educational Conference, April 2010
21. Trapskin K, Sorum S, Johnson C, **Chui MA**, Mott DA, Decker C. "The innovative role of a state pharmacy association in building and sustaining the Wisconsin Pharmacy Quality Collaborative medication therapy management services program." Pharmacy Society of Wisconsin Educational Conference, April 2010
22. **Chui MA**, Mott DA, Rodriguez EA. "Community pharmacy workload and its effect on patient safety and job satisfaction." Pharmacy Society of Wisconsin Annual Meeting, August 2009
23. **Chui MA**, Kieser MA, Rodriguez EA. "Comparison of the quantity of time and quality of pharmacist-patient interactions between the drive-thru and walk-up windows." Pharmacy Society of Wisconsin Annual Meeting, August 2009
24. Halton K, Peng P, **Chui MA**. "Comparison of pharmacist-patient interactions between the drive-thru and walk-in windows." Midwestern University Student Research Day, April 2008
25. Brock J, **Chui MA**. "Bilingual Communication Strategies and Attitudes in Counseling Spanish-Speaking Patients." Midwestern University Student Research Day, April 2008
26. **Chui MA**, Halton K, Peng P. "Comparison of pharmacist-patient interactions between the drive-thru and walk-in windows." Arizona Pharmacy Alliance Annual Meeting, July 2007
27. **Chui MA**, Brock J. "Bilingual Communication Strategies and Attitudes in Counseling Spanish-Speaking Patients." Arizona Pharmacy Alliance Annual Meeting, July 2007
28. Chen SW, Mansukhani S, Pandya N, Tafreshi MJ, **Chui MA**. "The Evaluation and Education of an Asian Indian Population's Knowledge of Type 2 Diabetes Mellitus." Midwestern University Student Research Day, November 2006
29. Clark C, Martin J, Olson J, Middleton T, Middleton D, **Chui MA**. "Empowering Uncontrolled Diabetic Patients Through a Focused and Individualized Education Intervention." Midwestern University Student Research Day, November 2006
30. Embree A, Fornay E, Khan A, Simon S, **Chui MA**. "Increasing Diabetes Awareness in American Indian Schoolchildren." Midwestern University Student Research Day, November 2006

31. **Chui MA**, O'Connell JK, Skinner MS. "2005 Arizona Pharmacist Compensation Survey: A Description of the Arizona Pharmacist Workforce." Arizona Pharmacist Alliance Annual Meeting, July 2006
32. Gracia P, **Chui MA**. "Pursuing Better Health for Patients Diagnosed with Diabetes Mellitus and Metabolic Syndrome: An Educational Intervention targeted for Low Literacy Incarcerated Patients." Midwestern University Research Day, December 2005
33. **Chui MA**, Whitley J. "Attitudes of intravenous drug users on their willingness to return used syringes to community pharmacies." Arizona Pharmacists Association, June 2004
34. Ng, J, Barone R, **Chui MA**, Loeben G. "How Far Can Arizona Hospital Pharmacists Go To Protect Their Beliefs When Providing Patient Care?" Midwestern University Research Day, December 2002

G. Invited Presentations – United States

1. "Improving Geriatric Medication Safety through implementation of Health IT tools". Geriatric Medication Safety Symposium, April 25-26, 2024
2. "Implementation Science to Improve Medication Safety". Geriatric Medication Safety Symposium, April 25-26, 2024
3. "Using Human Factors Engineering to Improve Medication Safety in Pharmacies". Touro University, April 1, 2024
4. "Using Human Factors Engineering to Improve Medication Safety in Pharmacies". University of Illinois, Chicago, February 15, 2024
5. "Human Factors and other methods to Improve Medication Safety in Pharmacies", Auburn University, November 10, 2023
6. "A Systems Approach to Medication Safety", TAMU, November 30, 2023
7. What We're Getting Wrong about the "Five Rights" and Other Safety Myths: Hardwiring Systems for Medication Without Harm", Institute for Healthcare Improvement, March 15, 2022
8. "Apply – EPIS Case Studies Panel", University of Wisconsin – Madison Dissemination and Implementation Short Course, October 20, 2021
9. "A Tale of Two Health Systems, Retail Pharmacy, & the Evolution of the CancelRx", Unscripted by Surescripts on the Pharmacy Podcast Network, June 17, 2021
10. "Implementing and Scaling Electronic Health Record Clinical Support Tools to Optimize Prescribing for Pain Medication", Pharmacy Society of Wisconsin Informatics Group, October 2020
11. "Improving Over-the-Counter Medication Safety for Older Adults in the Community Pharmacy Setting", University of North Texas, March 2020
12. "A Systems Approach to Medication Safety" Southern Illinois University Edwardsville, February 2019
13. "Improving Over-the-Counter Medication Safety for Older Adults in the Community Pharmacy Setting" Purdue University, April 2018
14. "Improving Over-the-Counter Medication Safety for Older Adults in the Community Pharmacy Setting" University of Arkansas Medical Sciences Innovation and Implementation in Pharmacy Practice Lecture, February 2018

15. "Exploring Pharmacy Technology through an HFE Lens" Children's Hospital of Wisconsin, September 2016
16. "Applying a Human Factors Approach to Community Pharmacies: The First Step in Improving Medication Safety in Pharmacies." University of Pittsburgh, August 2014
17. "Technology Use and Usability in Community Pharmacies." American Pharmacists Association Research Roundtables, March 2014
18. "Handoffs in Community Pharmacy: A Threat and Opportunity for Medication Safety." Vanderbilt University Center for Research and Innovation in Systems Safety (CRISS), September 2013
19. "Physicians and Pharmacists: Improving Two-way Communication." Pharmacy Society of Wisconsin Educational Conference, April 2013
20. "Handoffs in Community Pharmacy: A Threat and Opportunity for Medication Safety." National Center for Human Factors Engineering in Health Care Grand Rounds, March 2013
21. "Handoffs in Community Pharmacy: A Threat and Opportunity for Medication Safety." Center for Quality Improvement and Productivity, UW-Madison, January 2013
22. "The Role of Handoffs in Community Pharmacy Medication Safety." University of Iowa, October 2012
23. "Examining the Impact of E-Prescribing Use on Community Pharmacy Workflow." Pharmacy Society of Wisconsin Educational Conference, April 2012
24. "Starting your Career off on the 'Write' Track: Writing Insights from the Clinician, Researcher, and Editor Perspectives." American Pharmacists Association Postgraduate Forum, March 2012
25. "Human Factors Analysis: Pharmacy Workflow and Patient Safety." American Pharmacists Association Research Roundtables, March 2012
26. "The Role of the Pharmacist in Medication Safety." University of Wisconsin – Madison Pre-Pharmacy Club, May 2011
27. "Utilization of Technology to Enhance the Quality and Efficiency of Pharmacist Services." American Pharmacists Association Research Roundtables, March 2011
28. "Advancing Pharmacy Practice Utilizing a Human Factors Approach: Responding to a call from the IOM." Pharmacy Quality Alliance, May 2010
29. "Computer Generated DUR Alerts: Benefit or Burden." Pharmacy Society of Wisconsin Educational Conference, April 2010
30. "Advancing pharmacy practice utilizing a human factors approach: Responding to a call from the IOM." American Pharmacists Association Annual Meeting, March 2010
31. "Community Pharmacy Practice-Based Research in Wisconsin." ICTR Community Health Connections, August 2009
32. "Development of a Wisconsin Pharmacy PBRN using the WREN Model." Wisconsin Research & Education Network (WREN) Convocation of Practices, May 2009
33. "Development of a Wisconsin Pharmacy Practice-based Research Network using the WREN Model." ICTR Community Health Research Forum, March 2009

34. "Continuous Quality Improvement in the Community Pharmacy." The Pharmacy Society of Wisconsin Continuing Education, December 2008
35. "Evaluation of Computer Generated DUR Alerts in Community Pharmacies." University of Wisconsin School of Pharmacy, June 2008
36. "Evaluation of Computer Generated DUR Alerts in Community Pharmacies." Touro University School of Pharmacy, April 2008
37. "Strategies for Incorporating Ethical Decision Making Principles throughout the Curriculum." American Association of Colleges of Pharmacy Annual Meeting, July 2007
38. "The Development of a Personal Finance Elective." American Association of Colleges of Pharmacy Annual Meeting, July 2005
39. "Is Socialized Medicine the Answer to our Problems?" Arizona Pharmacists Alliance, June 2005
40. "Evaluation of Computer-Generated DUR Alerts in Community Pharmacy." Interdisciplinary Lecture Series, Midwestern University, April 2005
41. "The Current State of Computer-generated DUR Alerts." University of Arizona Pharmacy Administration Department, November 2004
42. "The Intersection of Ethics and the Law: The Terri Schiavo Case." American Association of Colleges of Pharmacy Annual Meeting, July 2004
43. "Adverse Drug Events." Scottsdale Healthcare Hospital, March 2002
44. "Association among Diuretic Compliance, Quality of Life, and Clinical and Economic Outcomes in Heart Failure Patients." Wintergreen Conference, October 2001

H. Invited Presentations – International

1. "Human factors and other methods to improve medication safety in pharmacies." Keynote Presentation, Nordic Social Pharmacy Conference, Tromso, Norway June 2023
2. "Community Pharmacy in the United States" Taichung Pharmacists Association, Taichung, Taiwan, November 2018
3. "A Systems Approach to Medication Safety", China Medical University, Taichung, Taiwan, November 2018
4. "A Systems Approach to Medication Safety", Taipei Medical University, Taipei, Taiwan, November 2018
5. "How to Foster the Pharmacy Student to be the Advanced Researcher in Pharmacy" International Summit Forum of Pharmacy Administrators, Kaohsiung, Taiwan, November 2018
6. "How to Conduct Clinical Research and Publish Papers for the Busy Pharmacist" 2018 Annual Meeting of Taiwan Society of Health-System Pharmacists (TSHP), Kaohsiung, Taiwan, November 2018
7. "The Wisconsin Idea: Building Research Collaborations." WUN Conference on Community-based Pharmacy Research, Sydney, Australia, May 2010

I. GRANTS AND AWARDS**Funded**

- \$448,590 “UW Institute for Clinical and Translational Research (ICTR) – Mentoring and Professional Development (MPD) Module”, Wisconsin Partnership Program, 2023 (co-PI)
- \$1,999,914 “Engineering Resilient Community Pharmacies”, AHRQ 1R18HS029608, 2023 (contact PI)
- \$5,000,000 Institute for Clinical and Translational Research CTSA Award, NIH NCATS, 2022 (Director of the Sonderegger Research Center for Improved Medication Outcomes, Co-Director of the TL1 pre-doctoral and post-doctoral training program)
- \$1,500,000 “Improving Medication Safety for Medically Complex Children with mHealth across Caregiving Networks, AHRQ, 2022 (co-I)
- \$39,927 “Facilitating the Dissemination of an Opioid Stewardship Framework across Wisconsin”, NIH NCATS, 2021 (co-PI)
- \$1,467,145 “Effectiveness and Sustainment of a Tailored Over-the-Counter Medication Safety Intervention in Community Pharmacies”, AHRQ, 2020 (PI)
- \$2,500,000 “PROMIS (Partnership in Resilience for Medication Safety) Learning Lab”, Agency for Healthcare Research and Quality, 2019 (Consultant, PI Xiao)
- \$20,000 “Subjective and Objective Assessment of Pharmacist Fatigue” Award by Midwest Center for Occupational Health and Safety, 2019 (Supervising PI)
- \$120,000 “Implementing and Scaling Electronic Health Record Clinical Support Tools to Optimize Prescribing of Pain Medications” Award by Cardinal Health Foundation, 2019 (Co-PI)
- \$99,877 “Partnering with a WI Health System to Optimize Opioid Stewardship Across the Care Continuum” Award by Institute for Clinical and Translational Research, 2019 (Co-PI)
- \$36,000 “Impact of CancelRx on Discontinuation of Controlled Substance Prescriptions. Specifically, Pain Medications (Opioids), Stimulants, and Benzodiazepines”, Award by the NCPDP Foundation, 2019 (PI)
- \$44,793 “Exploring the Unintended Consequences of CancelRx, a health IT tool to decrease medication discrepancies in the outpatient setting”, Award by the University of Wisconsin Graduate School, 2018 (PI)
- \$2,499,721 “Engineering Safe Care Journeys for Vulnerable Older Adults”, Award by the Agency for Healthcare Quality and Research, 2018 (co-I, PIs Carayon and Smith)
- \$298,000 “CancelRx: A Health IT Tool to Decrease Medication Discrepancies in the Outpatient Setting”, Award by the AHRQ, 2018 (PI)
- \$180,000 “Applying an Updated Methodology to Evaluate US Pain Policy”, Award by the American Cancer Society, 2018 (PI)
- \$308,000 “Improving the Medication Cancellation Process in Pharmacy and Outpatient Clinics”, Award by the Gordon and Betty Moore Foundation, 2017 (PI)

- \$1,499,511 “Improving Over-the-Counter Medication Safety for Older Adults”, Award by the Agency for Healthcare Quality and Research, 2016 (PI)
- \$20,000 “Medication Management Constraints within the Care Coordination of Children with Medical Complexity”, Award by the Gerber Foundation, 2016 (PI)
- \$74,801 “Barriers faced by caregivers managing older adults’ medications in rural areas” Award by the UW Institute for Clinical and Translational Research, 2015 (Co-I, PI Look)
- \$75,000 “Exploring Over the Counter Medication Safety in Older Adults” Award by the UW Institute for Clinical and Translational Research. 2014 (PI)
- \$50,000 “Improving Quality and Safety: Developing an Interprofessional and Interactive Case-based Patient Safety Curriculum” Award by the University of Wisconsin Education Innovation Fund, 2014 (Co-I)
- \$40,000 “How can we improve interruption management in community pharmacies?” Award by the Community Pharmacy Foundation. Michelle Chui is Principle Investigator: Co-conceived and designed the study, supervised data collection and analysis. 2013
- \$5,000 “Leveraging Evidence Based System-Related Strategies to Improve Medication Safety in Ethiopian Emergency Departments”, Award by the University of Wisconsin Global Health Institute Graduate Student Research Award. Michelle Chui is Supervising Investigator: Co-conceived and designed the study, supervised data analysis, 2013
- \$50,000 “Examining Causes, Consequences, and Interventions to Address E-Prescribing Errors in Community Pharmacies”, Award by the Community Pharmacy Foundation, Michelle Chui and Olufunmilola Odukoya are Principal Investigators: Co-conceived and designed the study, supervised data analysis, 2012
- \$311,250 “Applying a Human Factors Approach to Community Pharmacies: The First Step in Improving Medication Safety in Pharmacies”, Award by the KL2 Scholars Career Development Program, Award by UW ICTR (funded through an NIH CTSA), Michelle Chui is Principal Investigator: Conceptualized and designed the study in collaboration with mentors, conducted primary data collection and analysis, 2010
- \$30,000 “Impact of E-prescribing on Patient Safety and Pharmacy Workflow in Community Pharmacies”, Award by the Community Pharmacy Foundation, Michelle Chui and Olufunmilola are Principal Investigators: Co-conceived and designed the study, supervised data analysis. 2010
- \$12,500 “Appropriate Over-the-counter Medication Use in the Older Adult: Pharmacists’ Role in Reducing Harm” Award by the UW School of Pharmacy Research Innovations Award, Michelle Chui, Joshua Thorpe, and Beth Martin are Principal Investigators: Co-conceived and designed the study, supervised data collection and analysis. 2010
- \$2,000 “Developing and Validating a System for Categorizing Medication Discrepancies During Transitions of Care” Award by the Worldwide Universities Network, Michelle Chui is a co-investigator: assisted in conceptualization, study design, and data analysis. 2010
- \$50,000 “Enhancing Physician Referral and Recommendation of Pharmacist Provided MTM Services” Award by Community Pharmacy Foundation, Michelle Chui is Principal Investigator: Conceptualized, designed the study, and did primary data collection and analysis. 2009

- \$7,679 “Exploring Pharmacist to Pharmacist Communication During Patient and Prescription Handoffs” Award by UW Graduate School, Michelle Chui is Principal Investigator: Conceptualized, designed the study, and did primary data collection and analysis. 2008
- \$30,000 “Wisconsin Pharmacist Quality Collaborative: Qualitative Evaluation” Award by Community Pharmacy Foundation, David Mott was Principal Investigator and Michelle Chui was investigator: Co-conceived and designed the study, co-conducted data collection and analysis. 2008
- \$85,000 “Wisconsin Pharmacist Quality Collaborative: Qualitative Evaluation” Award by McKesson Corporation, David Mott was Principal Investigator and Michelle Chui was Investigator: Co-conceived and designed the study, co-conducted data collection and analysis. 2008
- \$750 “Clinical Outcomes Evaluation of an Amiodarone Ambulatory Care Clinic” Award by Midwestern University’s Office of Research and Sponsored Programs, 2008 Michelle Chui and Mohamad Tafreshi were Principal Investigators: Co-conceived and designed the study, conducted data collection and analysis.
- \$2,000 “An Assessment of the Arizona Pharmacy Workforce” Awarded by Midwestern University’s Office of Research and Sponsored Programs, 2005 (PI)
- \$33,970 “Analysis of Indirect Revenues Generated by Community Pharmacy-based Health Screenings” Awarded by Community Pharmacy Foundation, 2003 (co-PI)
- \$4,700 “Empirical Assessment of Student Outcomes from a Service Learning Experience” Awarded by the Center for the Advancement of Pharmacy Practice, 2003 (co-PI)
- \$29,996 “Evaluation of Computer-generated DUR program in Community Pharmacy Practice” Awarded by Community Pharmacy Foundation, 2002 Michelle Chui is Principal Investigator: Conceptualized, designed the study, and did primary data collection and analysis.
- \$2,000 “A Methodological Assessment of the Use of Handheld Computers to Document Pharmacy Interventions in Clinical Pharmacy Settings” Awarded by the Center for the Advancement of Pharmacy Practice, 2002 (PI)
- \$7,720 “Evaluation of Online Prospective DUR Programs in Community Pharmacy Practice” Awarded by the National Community Pharmacy Association (NCPA) Foundation, 1997 (PI)
- \$250 “Enhancing the Continuum of Pharmaceutical Care: Maintaining the Patient-Pharmacist Relationship in the Hospital and Community” Awarded by Phi Lambda Sigma, 1994 (co-PI)

Submitted, Not Funded

- \$1,498,106 “Effectiveness and Adoption of Universal Medication Schedule Prescribing to Improve Medication Safety Among High Risk Patients” Submitted to AHRQ (co-PI)
- \$999,860 “Community Pharmacy Responsiveness to COVID-19: Developing and Disseminating Best Practices to Ensure Sustained Public Health” Submitted to AHRQ (PI)
- \$100,000 “Improving Quality Care and Outcome through a Targeted Staphylococcus aureus Bacteremia Electronic Reminder: The SABER Study”, Submitted to Agency for Healthcare Research and Quality, 2019 (Co-I)
- \$30,000 “Identifying Facilitators and Barriers to CancelRx Implementation in Rural Community Pharmacies”, Submitted to Community Pharmacy Foundation, 2018 (PI)

- \$2,499,000 “Partnering with Patients for Improving Medication Safety during Transitions of Care: Implications for Work System Design”, Submitted to AHRQ, 2018 (Advisory Board Member, PI Gurses)
- \$500,000 “Transforming Healthcare Through Smart, Connected Systems and Technologies”, Submitted to the UW2020 WARF Discovery Initiative, 2018 (Co-PI, PI Carayon)
- \$1,500,000 “Addressing OTC Medication Misuse and Patient Safety Needs of Adolescents in Community Pharmacies: A Multistate Study”, Submitted to the Agency for Healthcare Quality and Research, 2017 (co-I, PI Abraham)
- \$2,500,000 “Brain Safe 2.0: Behavioral Intervention to Reduce Use of OTC Drugs Linked to Alzheimer’s Disease”, Submitted to National Institutes of Health, 2016 (Consultant, PI Holden)
- \$500,000 “Transforming Healthcare Through Smart, Connected Systems and Technologies”, Submitted to the UW2020 WARF Discovery Initiative, 2016 (Co-PI, PI Carayon)
- \$1,000,000 “Collaborative Care Model between Primary Care Physicians and Community Pharmacists targeting Older Adults to Reduce Medication-related Falls Risk (Co-MANAGE FALLS), Submitted to the Centers for Disease Control, 2016 (Co-PI)
- \$250,000 “Potentially Unsafe Use of Over-the-Counter Medications in Midlife and Older Adults”, Submitted to the National Institutes of Aging, 2015 (Co-I, PI Thorpe)
- \$10,000 “Using a Patient-Centered Systems Engineering Approach to Investigate Medication Self-Management Inside the Older Adult Home, Submitted to the American Foundation for Pharmaceutical Education, 2015 (Supervising Investigator)
- \$21,344 “Exploring the Impact of Automatic Prescription Refills on Medication Adherence and CMS Star Ratings” Submitted to the Community Pharmacy Foundation, 2015 (PI)
- \$25,000 “Characterizing Handoff Communication in Community Pharmacies” Submitted to the Community Pharmacy Foundation, 2012 (PI)
- \$1,000 “Effectively incorporating a technician into the medication therapy management workflow in a community pharmacy”, submitted to the APhA Foundation Knowlton Center for Pharmacist-Based Health Solutions, 2010 (Co-PI)
- \$2,490,239 “Improving Medication Use Quality with Physicians, Pharmacists & Payers”, Mott PI, R18 grant submitted to AHRQ, 2010 (co-I).
- \$311,250 KL2 Scholars Career Development Program, submitted to UW ICTR, 2009 (PI)
- \$100,000 “Wisconsin Interprofessional Collaboration among Clinician and Pharmacist Networks”, submitted to Westat, 2008 (PI)
- \$60,375 “Impact of Compliance with HMG-CoA Reductase Inhibitors on Healthcare Utilization”, submitted to Advance PCS, 2002 (co-PI)
- \$19,629 “Identification of Community Pharmacists’ Attitudes Toward Performing Prospective Drug Utilization Review”, submitted to the Institute for the Advancement of Community Pharmacy, 2002 (PI)
- \$8,000 “Using Handheld Computers and the Pharmacist Care Claim Form (PCCF) to Document Pharmacy Interventions in Community Pharmacy Settings”, submitted to the National Community Pharmacists Association Foundation, 2002 (PI)

\$2,000 “Using Personal Digital Assistants (PDAs) to Document DUR Interventions in Community Pharmacies” submitted to the National Association of Chain Drug Stores Education Foundation, 2001 (PI)

II. TEACHING ACTIVITIES

University of Wisconsin

A. Professional Teaching – Courses

- 2009-2021 ***Safety and Quality in the Medication Use System*** (728-608): Required 3 credit course in the professional (Pharm.D.) curriculum which enrolls 130-140 pharmacy and engineering students in Spring semester. This course provides students with the fundamentals of safe medication management regardless of their practice environment and professional discipline. The content addresses the problems of medication errors and quality in health care, problem resolution, methods/techniques of assessment, and quality management. This course is cross-listed in the Department of Industrial and System Engineering and is a required course in the Patient Safety Certificate Program. I coordinate and provide the majority of lectures in this course.
- 2011-2016 ***Professional Decision-Making in Pharmacy Practice*** (732-618): Required 2 credit course in the professional (Pharm.D.) curriculum. The goals of this course are to expose students to the knowledge and sensitivity needed to communicate and intervene effectively in a variety of psychosocial situations with different patient populations. I coordinate and provide content expertise in this course.
- 2010-2012 ***Pharmacists and the Health Care System*** (732-414): Required 3 credit course in 2017 the professional (Pharm.D.) curriculum. The goals of this course are to introduce concepts and principles related to managing pharmacy environments for patient care, operational economics in pharmacies, pharmacoconomics and outcomes, and aspects of marketing in pharmacy and patient care. I provide 6-8 lectures in this course.

B. Graduate Teaching – Courses

- 2019, 2021
2023 ***Grant Writing for Health Services Research*** (732-701): Required 2 credit course offered to graduate students in Social and Administrative Pharmacy This graduate course prepares students to enter professional careers requiring knowledge of grant writing, including mechanics of proposal writing and social aspects of "grantsmanship," skill development in identifying sources of grant funding, practice research to support applications, and tailor proposals to specific audience interests.
- 2013, 2015 ***Topics in Patient Safety and Quality*** (732-622): Required 3 credit course offered to graduate students in Social and Administrative Pharmacy. This graduate course offers students an overview of key concepts in patient safety including human factors engineering, culture of safety, technology usability and implementation, error reporting, and quality. This course also offers an exposure to qualitative methods that can be used to measure patient safety concepts. I coordinate and provide the majority of lectures in this course.
- 2008-present ***Conference of Research Workers*** (732-912 and 732-911): Required 2 credit course offered to graduate students in Social and Administrative Pharmacy. This graduate seminar offers students an overview of social and administrative pharmacy research, skills in critiquing research and practice in both oral and written presentations. I am one of several faculty members present to facilitate discussion. In addition, I coordinated 912 seminar one semester.

C. Other Teaching Activities

2009-present **Advanced Clerkship Seminar**, (728-760): one lecture each year

D. Continuing Education

2017 “Dispelling Medication Safety Myths (0.2 CEU) University of Wisconsin – Madison, School of Pharmacy

2014 “Taking Steps to Prevent Medical Errors” (0.2 CEUs), University of Wisconsin – Madison, School of Pharmacy

Mentoring

E. Graduate Student Mentoring

Master of Science

Emily Hoffins (2023) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy

Ashley Morris (2020) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy

Apoorva Reddy (2020) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy. “Risk Communication and Older Adult Medication Misuse”

Taylor Lee Watterson (2018) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy. “Developing a Pharmacists Occupational Fatigue Survey”

Corey Lester (2015) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy. “The Effect of Automatic Prescription Refill Programs on Medication Adherence and CMS Star Ratings”

Ephrem Aboneh (2014) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy. “Leveraging evidence based system-related strategies to improve medication safety in Ethiopian emergency departments”

Victoria Valentine Brouner (2012) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy. “Nursing home nurses’ roles and responsibilities in medication reconciliation upon hospital to nursing home transitions”

Olufunmilola Kamilat Odukoya (2011) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy. “Impact of electronic prescribing on patient safety and community pharmacy workflow.”

Doctor of Philosophy

Shiyang Mai (present) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy

Stephanie Resendiz (present) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy

Emily Hoffins (present) – student in the Social and Administrative Sciences Division, UW-School

of Pharmacy

Jason Chladek (present) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy

Ashley Morris (2022) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy

Taylor Lee Watterson (2022) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy.

Shweta Shaw (2021) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy.

Corey Lester (2017) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy. “Assessment of the Medication Error Process in Community Pharmacy”

Ephrem Aboneh Abebe (2016) – student in the Social and Administrative Sciences Division, UW School of Pharmacy. “Medication Management within a Care Coordination Program for Children with Medical Complexity: A Cognitive Work Analysis”

Victoria Valentine Brouner (2016) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy. “Characteristics of Information Needed and Used by Pharmacists During Nursing Home Admissions”

Olufunmilola Kamilat Odukoya Abraham (2013) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy. “A human factors approach to characterizing e-prescription error recovery in community pharmacies.”

F. Member of Examining Committee

Masters of Science

Prachi Arora (2013) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy. “Demand for Pharmacists in Community and Hospital Pharmacies in Wisconsin: A Comparison by Rurality”

Doctor of Philosophy

NiYing Li (2021) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy

Joohyun Park (2019) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy

Nam Hyo Kim (2018) - student in the Social and Administrative Sciences Division, UW-School of Pharmacy.

Mo Nusair (2016) – student at the University of Alberta. “Pharmacists’ Clinical Reasoning and Evaluation of Medication Appropriateness: Descriptive Analysis in Community Pharmacy”

Karishma Desai (2016) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy. “The MOPP Study: Mail-Order Prescriptions and Patients’ Perspectives”

Omneya Darwish (2014) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy. “The Impact of Direct Price Control on Pharmaceutical Prices in Egypt”

Robert K. Leedham (current) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy. “Assessing work system factors to differentiate innovation in Wisconsin community pharmacies”

Audrey Hung (2011) – student in the Social and Administrative Sciences Division, UW-School of Pharmacy. “Implementing patient care services in community pharmacies: the role of pharmacist-technician teams”

G. Post-Doctoral Mentorship

Laurel Legenza (2019-present) – ICTR TL1 (NCATS funded) post-doctoral fellow and BIRWCH fellow

Jukrin Moon (2021-2023) – Post-doctoral fellow (AHRQ R18 funded)

H. Post Graduate Year 1 (PGY1) Community Pharmacy Resident Research Supervisor

- 2016 Mackenzie Nigl, Pharm.D., Medicine Shoppe Pharmacy, Two Rivers, WI
- 2015 Bryant Schobert, Pharm.D., Medicine Shoppe Pharmacy, Two Rivers, WI
“Developing a Drug-Drug Interaction Toolkit and Exploring its Usefulness in Community Pharmacies”
- 2014 Katie Scarpace, Pharm.D., Medicine Shoppe Pharmacy, Two Rivers, WI
“Assessing the Usability of Pharmacy Dispensing Computer Software to Prepare and Document Comprehensive Medication Reviews”
- 2013 Kevin Stutt, Pharm.D., Dean Health Care, Madison WI
“Examination of the Potential Errors Found in Health System E-Prescriptions”
- 2013 Jeremy J. Allen, Pharm.D., Medicine Shoppe Pharmacy, Two Rivers, WI
“Identifying the Perceived Facilitators and Barriers to Pharmacists Intervening on Inappropriate Benzodiazepine Use in the Elderly”
- 2012 Abigail Johnson, Pharm.D., Medicine Shoppe Pharmacy, Two Rivers, WI
“Optimizing medication adherence communication between pharmacists and prescribers”
Published a manuscript in the Journal of the Pharmacy Society of Wisconsin
- 2011 Giselle D’Epiro, Pharm.D., Medicine Shoppe Pharmacy, Two Rivers, WI
“Effectively incorporating a technician into the medication therapy management workflow in a community pharmacy”
- 2010 Lucas Boe, Pharm.D., Medicine Shoppe Pharmacy, Two Rivers, WI
“Enhanced Communication in Primary Care - Use of a Novel Intranet Communication Tool to Foster Collaborative Care”
- 2010 Sara Lynn Peterson, Pharm.D., Morton Pharmacies, Appleton, WI
“Drug Therapy Problems in Community-based Resident Facilities: Assessing Effectiveness of an Educational Intervention”
- 2009 Kristin Walsh, Pharm.D., Marshland Pharmacies, Mayville, WI
“Exploring the impact of an automated prescription filling device on community pharmacy technician workflow”

H. Professional Student Supervision – Independent Study Students

- 2020 Sara Hernandez, University of Mississippi
“Evaluating the Perspectives of Pharmacists performing CancelRx”
- 2018 Andrea Gray
“Understanding Technician Interruptions in Community Pharmacies”
- 2014 Evan Hurley
“Improving Medication Safety by Removing Extraneous PRN Medications from Patient Profiles in a Long-Term Acute Care Hospital”
- 2013 Monjour (Mona) Kaur and Joshua Prostek
“Impact of the Recession on Community Pharmacy Practice”
- 2012 Philip Berce, Ellen Bergendahl, Andrew Ensing, Laura Harris, Christopher Hulstein, Luiza Kerstenetzky, Andrew Reher, Nicole Savides, Jumana Swenson, Travis Tacheny
“A Public Health Experience to an Underserved Population”
- 2010 Albert Carbo
“Literature Review of Handoffs in Health Care”
- Melissa Franson, Laurel Legenza, Erica Wagner
“A Public Health Experience to an Underserved Population”
- 2009 Erica Rodriguez
“Community Pharmacy Workload” and “Patient Interactions at the Drive-thru Window”

Midwestern University – Glendale

A. Professional Teaching – Courses

- 2001-2007 ***Behavioral Medicine and Ethics*** (PPRA 665): Required 2 credit course offered in the professional (Pharm.D.) curriculum. This course is designed to expose students to the knowledge and sensitivity needed to communicate and intervene effectively in a variety of psychosocial situations with different patient populations. Patient education and communication, cultural and social awareness and sensitivity issues are presented. Emphasis is placed on normal psychosocial life and adjustment to common problems encountered in the healthcare environment and pharmacy’s role in dealing effectively with patients and the caregivers concerning these circumstances.
- 2001-2007 ***Health Economics and Outcomes Research*** (PPRA 677): Required 3 credit course offered in the professional (Pharm.D.) curriculum. This course is designed to provide the pharmacy student with an opportunity to learn the basic concepts, assumptions, terminology, and methods associated with pharmacoeconomics, health-related outcomes evaluation and medication errors. Principles of outcomes assessment and health economics will be covered, including applied pharmacoeconomics, health-related quality of life, decision analytic models, and formulary management.
- 2003-2007 ***Personal Finance for the Healthcare Professional*** (PPRA 648): Elective 1.5 credit course offered in the professional (Pharm.D.) curriculum. This course is designed to provide students with the tools needed to financially succeed after graduation. This course is geared towards traditional students who have never experienced the complex process of financial planning, primarily because they have been in school full-time. They will be taught personal finance knowledge in the areas of taxes, insurance, basic

investing, loans and credit, debt consolidation, home purchasing, and basic money management.

B. Other Teaching Activities

2001-2007 Health Care Systems, 3 cr (PPRA 571)
Introduction to Professional Practice II, 2 cr (PPRA 592)
Pharmaceutics I, II Laboratory Section, (PSCI 541)
Advance Rotations Discussion Group, 1 cr

C. Professional Student Supervision – Independent Study Students

“Bilingual Communication Strategies and Attitudes in Counseling Spanish-Speaking Patients” – Justin Brock, Midwestern University

“Comparison of the quantity of time and quality of pharmacist-patient interactions between the drive-up and walk-up windows” – Kimberly Halton, Jennifer Peng, Midwestern University

“Evaluation of Controlled Substance Legislation” – Gagan Sarna, Midwestern University

“Empowering Uncontrolled Diabetic Patients Through a Focused and Individualized Education Intervention” – Caitlin Clarke, Jeffrey Martin, Jared Olson, Midwestern University

“Increasing Diabetes Awareness in American Indian Schoolchildren” – Ashley Embree, Elena Fornay, Amina Khan, Stacy Simon, Midwestern University

“An Evaluation of Cell Phone Text Messaging to Increase Statin Medication Adherence” – Jodi Burgess, Midwestern University

“Diabetes/Metabolic Syndrome Education Intervention: Pursuing Better Health For Diabetic/Metabolic Syndrome Residents” – Patricia Gracia, Midwestern University

“Attitudes of intravenous drug users on their willingness to return used syringes to community pharmacies” – Jason Whitley, Midwestern University

“How Far Can Arizona Hospital Pharmacists Go To Protect Their Beliefs When Providing Patient Care?” – Jennifer Ng and Raymond Barone, Midwestern University

III. SERVICE ACTIVITIES

National Service

Member, Agency for Healthcare Research and Quality (AHRQ) Health Information Technology Research (HITR) Study Section, 2021-present
Member, Agency for Healthcare Research and Quality (AHRQ)'s Practice-based Research Network (PBRN) Technical Expert Panel (TEP), 2024-present

University of Wisconsin – School of Pharmacy

Dean's Advisory Council, 2021-2024
SPARC, 2018-2020
Co-Chair, Diversity, Equity, and Inclusion Committee, 2017-present
Dean 5-year Review Committee, 2018, 2024
Chair, Social & Administrative Sciences Division Faculty Search Committee, 2015, 2017
Pharmacy Student Recruitment Taskforce, 2017
Department of Pharmacy Professional Development Faculty Search Committee, 2016
Fifth Division Taskforce, 2016

Faculty Senate, 2015-2017
Academic Planning Council, 2013-2016
Board of Visitors, 2013-2014
Social & Administrative Sciences Division Faculty Search Committee, 2012, 2013
Pharmacy Practice Division Faculty Search Committee, 2012
Graduate Studies Committee, 2011-2013
Student Promotion Committee, 2008 – 2011
Self-Study Area 4 Committee, 2010-2011
Sonderegger Research Leadership Group, 2008-2017
Career Week Panel Discussion, and post graduate session

University of Wisconsin – University

Institute for Clinical and Translational Research Admissions & Recruiting Committee for the Graduate Program in Clinical Investigation, 2018-2020
Institute for Translational Research KL2 Steering Committee, 2017-present
Core Working Group, Wisconsin Institute for Health Systems Engineering (WIHSE), 2016-present
School of Pharmacy Dean Search Committee, 2013-2014
Advisor, Industrial and Systems Engineering Certificate in Patient Safety, 2008 – present
Affiliate, UW-Madison Systems Engineering Initiative for Patient Safety (SEIPS), 2008 – present
Member, Center for Quality Improvement and Productivity, Industrial & Systems Engineering

Midwestern University – Department of Pharmacy Practice

Chair, Faculty Search Committee, 2004, 2006 - 2007
Ad-hoc Group Peer Assessment Committee, 2003
Ad-hoc Collaborative Practice Act Committee, 2002

Midwestern University - College of Pharmacy, Glendale

Chair, Faculty Handbook Committee, 2005 - 2007
Chair, Assessment and Quality Improvement Committee, 2002-2007
Member, 2007-2008
Chair, Student Promotion and Graduation Committee, 2007-2008
Member, 2002-2007
Advisor, Phi Lambda Sigma Pharmacy Leadership Society, 2001-2008
Faculty Peer Reviewer, 2004 - 2008
Student Advisor Group, 2001-2008
Pharmacy School candidate interviews, 2001-2008
Chair, Student Liaison Committee, 2004 - 2006
Advisor, Class of 2006, 2003 – 2006
Department Chair Search Committee, 2004
Ad-hoc Assessment Committee, 2001-2002

Midwestern University - University

Ad Hoc Committee on Committees Structure, 2005-2006
Faculty Senator, 2003-2007
Institutional Review Board, 2002-2003, 2004-2006
Thesis Committee Member for Terry Hudgins, Bioethics Masters Student, 2004-2005
Thesis Committee Member for Tom McCoy, Bioethics Masters Student, 2003-2005
Committee on Committees, 2002-2003, 2005-2008
Academic Assessment Committee, 2002-2003
Financial Aid Committee, 2001-2002

Professional Associations - National

American Pharmacists Association (APhA)

APhA-APRS Nominating Committee, 2019-2020
Chair-Elect/Chair, ESAS Section, 2017-2019
Chair, APhA-APRS Communication Standing Committee, 2018-2019
APhA-APRS Nominations Standing Committee, 2018-2019
ESAS Methods Committee, 2011, 2012
ESAS Colleagues in Research Planning Committee, 2009-2010
ESAS Strategic Planning Taskforce, 2003-2005
APhA-ASP Region V Delegate, 1995
APhA-ASP Region V Alternate Delegate, 1995
Chapter Community Service Chair, 1995

American Association of Colleges of Pharmacy (AACP)

Research and Graduate Affairs Committee (RGAC), 2019-2020
Ad-Hoc New Investigator Program Committee, 2008
SAS New Investigator Program Chair, 2006-2008
SAS Nominating Committee, 2005-2006
Ethics Special Interest Group Secretary, 2004-2006
Council of Faculties Resolutions/Standing Rules Committee, 2004-2005
Midwestern University College of Pharmacy Delegate, 2001-2002
Programs Committee, 1998

Pharmacy Quality Alliance (PQA)

Academic Affairs Workgroup, 2013-2015
Safe Dispensing Workgroup, 2011-2012

Human Factors and Ergonomics Society (HFES)

American Medical Informatics Association (AMIA)

Phi Lambda Sigma Professional Leadership Society
Midwestern University Chapter Advisor, 2001-2008
Alternate Delegate, 1995

Phi Delta Chi Pharmacy Fraternity
Chapter Advisor, 2017-present

APhA-PCMA Taskforce on Solutions in Inefficiencies to Prescription Processing
Definitions/Evidence Work Group, 2001-2003

Rho Chi Honorary Society

Professional Associations - State

Pharmacy Society of Wisconsin, 2008-present
Physician-Pharmacist Collaboration Workgroup, 2010-2014
Quality Network Requirement Workgroup, 2008-2011

Arizona Pharmacist Alliance, 2001-2008

Professional Journals

Research in Social & Administrative Pharmacy
Guest Editor, Medication Safety Themed Issue, 2018-2019
Editorial Advisory Board, 2008-present

Journal of the American Pharmacist Association
Expert Reviewer, 2013-2014
Editorial Advisory Board, 2006-2009

Community Presentations

“The Medicare Drug Benefit”, Arizona Kidney Foundation, October 2005
“The Medicare Drug Benefit”, Arizona Kidney Foundation, September 2005
“Pediatric Health Issues”, WTMM, September 2005
“The Medicare Drug Benefit”, Foothills Library, June 2005
“Medicare Drug Benefit and Senior Medication Issues”, Sun City Kiwanis Club, January 2005
“Making the right OTC choices for your children”, Night MOPS, December 2004
“Women’s Health Issues”, Teen MOPS, October 2004
“Making the right OTC choices for your children”, Teen MOPS, March 2004

PEER REVIEW ACTIVITIES

Reviewer, Innovations in Pharmacy, 2013
Reviewer, Applied Ergonomics, 2016-present
Reviewer, Journal of the American Pharmacist Association, 2001-present
Reviewer, Research in Social & Administrative Pharmacy, 2006-present
Reviewer, AACP New Investigators Program, 2005-2008
Reviewer, American Pharmaceutical Association Annual Meeting Presentations, 2001-present
Reviewer, American Association of College of Pharmacy SAS Annual Meeting Presentations, 2001-2009
Reviewer, Journal of Pharmacy Teaching
Reviewer, InetCE
Writer, NAPLEX Pharmacy Licensure Examination

COMMUNITY SERVICE

Medical Missions to Honduras, Summer 2010
Provided rural health care to indigent Hondurans and mentored pharmacy students in an interdisciplinary setting

Teen Mothers of Preschoolers (MOPS), 2002-2005
Mentor for teenage mothers through an organization that meets twice monthly

Institute for Latin American Concern, Dominican Republic, Summer 1994
Provided pharmaceutical care to indigent rural Dominicans as part of a health care team with physicians, nurses, dentists, and educators