CURRICULUM VITAE

PATIENCE M. DOW, Ph.D.

Last updated: October 23, 2026
My last name has changed from Moyo to Dow

PERSONAL INFORMATION

Address: Department of Health Services, Policy & Practice. Brown University School of Public Health, 121 South Main Street Providence, RI 02903
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EDUCATION

2009	B.A, Chemistry major and Mathematics minor, Magna cum laude Mount Holyoke College
2015	M.S., Pharmaceutical Health Services Research University of Maryland Baltimore
2017	Ph.D., Pharmaceutical Health Services Research University of Maryland Baltimore
2017-2018	Postdoctoral training, University of Pittsburgh (Health Policy Institute), and VA Pittsburgh Healthcare System (Center for Health Equity Research and Promotion)

ACADEMIC APPOINTMENTS

2018-2024	Assistant Professor of Health Services, Policy & Practice (Research Scholar track), Brown University School of Public Health
2024 -	Associate Professor of Health Services, Policy & Practice (Research Scholar track), Brown University School of Public Health

HONORS AND AWARDS

2005-2009	Andrea & Fred Wilson scholarship for academic excellence, Mount Holyoke College
2007	Laurel Fellowship Award for study abroad, Mount Holyoke College
2014	National Institute on Drug Abuse Travel Award, NIDA
2015	Drug Information Association Travel Award, DIA
2015	Donald O. Fedder Memorial Fellowship for promoting social justice, pharmacy advocacy, and public health, University of Maryland Baltimore
2019	National Institute on Drug Abuse Diversity Scholars Network, selected to a competitive professional development program aimed at improving the funding of outstanding underrepresented early stage investigators in substance use research
2020	Richard B. Salomon Faculty Research Award, Brown University
2021-2022	Editorial Fellow, Journal of Addiction Medicine

2021-2022 Sheridan Junior Faculty Teaching Fellow, Brown University
2025 Master of Arts, *ad eundem*, Brown University

MEMBERSHIP IN SOCIETIES

2012-2017 International Society for Pharmacoeconomics and Outcomes Research
2012-2017 International Society of Pharmacoepidemiology
2015-2017 Toastmasters International
2016-2020 Health Systems Global
2013 - Rho Chi, The Academic Honor Society in Pharmacy
2013 - AcademyHealth
2019 - Rhode Island Public Health Association

NATIONAL OR INTERNATIONAL SERVICE

Journal Manuscript Reviewer (past 12 months)

JAMA Network Open, Journal of Addiction Medicine, Health Affairs, Journal of the American Medical Director's Association, Journal of General Internal Medicine

Grant Reviewer

Ad Hoc Reviewer, NIH Societal & Ethical Issues in Research ZRG1 SEIR, December 9, 2021
Ad Hoc Reviewer, NIH NIDA P30/P50 Center Review, March 9, 2022
Ad Hoc Reviewer, AHRQ Healthcare Research Training (2023/10 HCRT), May 18-19, 2023
Ad Hoc Reviewer, NIH NIDA P30/P50 Center Review, March 6, 2024
Ad Hoc Reviewer, NIH NIDA P30/P50 Center Review, May 2, 2025
Ad Hoc Reviewer, NIH Health Services Research in Mental Health and Substance Use Disorders ZRG1 HSS-L (95), June 29, 2026

Conference Abstract Reviewer

2020-2025 AcademyHealth Annual Research Meeting Mental Health and Substance Use Theme
2020-2026 Addiction Health Services Research Conference (meeting was not held in 2022, 2025)

Conference Planning Committee

2020-2024 Addiction Health Services Research Conference (meeting was not held in 2022, 2025)

Editorial Fellow

2021-2022 Journal of Addiction Medicine, the official journal of the American Society of Addiction Medicine

Data Safety Monitoring Board Member

2019-2022 Intervention to Increase Naloxone Engagement and Distribution in Community Pharmacies: A Four-State Randomized Trial (R01DA045745, PI: Traci Green)

Abt Associates Technical Expert Panel Member

2019-2023 AHRQ-funded Project on Identifying and Testing Strategies for Management of Opioid Use and Misuse in Older Adults in Primary Care Practices

National Academies of Sciences, Engineering, and Medicine Committee Member

2023-2025 Ad hoc Committee on Evaluating the Effects of Opioids and Benzodiazepines on All-Cause Mortality in Veterans

UNIVERSITY AND DEPARTMENTAL SERVICE

2024-2025 Faculty search committee, Department of Health Services, Policy, & Practice
2022-2023 Search committee member for Director, Center for Alcohol & Addiction Research
2021- MPH Core Faculty Advisor
2021- Health Services Research PhD Admissions Committee
2021 Application Reviewer, Delta Omega Honorary Society in Public Health
2019 School of Public Health strategic planning committee member, Addiction theme
2019 Member, Departmental Diversity and Inclusion Committee

PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Chang W, White M, **Moyo P**, McClear S, Thiel S, Hartshorn K, Takahashi K. Lack of the Pattern Recognition Molecule Mannose-Binding Lectin Increases Susceptibility to Influenza A Virus Infection. *BMC Immunol.* 2010;11:64. doi: 10.1186/1471-2172-11-64.

2. Chang W, Hartshorn K, White M, **Moyo P**, Michelow I, Koziel H, Kinane B, Schmidt E, Fujita T, Takahashi K. Recombinant Chimeric Lectins Consisting of Mannose-Binding Lectin and L-ficolin are Potent Inhibitors of Influenza A Virus Compared with Mannose-Binding Lectin. *Biochem Pharmacol*. 2011;81(3):388-95. doi: 10.1016/j.bcp.2010.10.012.

3. Takahashi K, Chang W, **Moyo P**, White M, Meelu P, Verma A, Stahl G, Hartshorn K, Yajnik V. Dietary Sugars Inhibit Biologic Functions of the Pattern Recognition Molecule, Mannose-Binding Lectin. *Open Journal of Immunology*. 2011;1(2):41-49. doi: 10.4236/oji.2011.12005

4. Takahashi K, Kurokawa K, **Moyo P**, Jung DJ, An JH, Chigweshe L, Paul E, Lee BL. Intradermal Immunization with Wall Teichoic Acid (WTA) Elicits and Augments an Anti-WTA IgG Response that Protects Mice from Methicillin-resistant Staphylococcus Aureus Infection Independent of Mannose-Binding Lectin Status. *PLoS One*. 2013;8(8):e69739. doi: 10.1371/journal.pone.0069739.

5. Takahashi K, **Moyo P**, Chigweshe L, Chang WC, White MR, Hartshorn KL. Efficacy of Recombinant Chimeric Lectins, Consisting of Mannose Binding Lectin and L-ficolin, Against Influenza A viral Infection in Mouse Model Study. *Virus Res*. 2013;178(2):495-501. doi: 10.1016/j.virusres.2013.10.001.

6. Takahashi K, Ohtani K, Larvie M, **Moyo P**, Chigweshe L, Van Cott EM, Wakamiya N. Elevated Plasma CL-K1 Level is Associated with a Risk of Developing Disseminated Intravascular Coagulation (DIC). *J Thromb Thrombolysis*. 2014;38(3):331-8. doi: 10.1007/s11239-013-1042-5.

7. Wei YJ, Simoni-Wastila L, Zuckerman IH, Huang TY, Brandt N, **Moyo P**, Lucas JA. Quality of Psychopharmacological Medication Prescribing and Mortality in Medicare Beneficiaries in Nursing Homes. *J Am Geriatr Soc*. 2014;62(8):1490-50. doi: 10.1111/jgs.12939.

8. Huang TY, Wei YJ, **Moyo P**, Zuckerman IH, Lucas JA, Simoni-Wastila L. Treated Behavioral Symptoms and Mortality among Medicare Nursing Home Residents with Alzheimer's Disease and Related Dementias. *J Am Geriatr Soc*. 2015;63(9):1757-65. doi: 10.1111/jgs.13606.

9. Simoni-Wastila L, Wei YJ, Lucas JA, Brandt N, **Moyo P**, Huang TY, Franey CS, Harris I. Mortality Risk of Antipsychotic Dose and Duration in Nursing Home Residents with Chronic or Acute Indications. *J Am Geriatr Soc.* 2016;64(5):973-80. doi: 10.1111/jgs.14111.

10. Albrecht JS, Park Y, Hur P, Huang TY, Harris I, Netzer G, Lehmann SW, Langenberg P, Khokhar B, Wei YJ, **Moyo P**, Simoni-Wastila L. Adherence to Maintenance Medications among Older Adults with Chronic Obstructive Pulmonary Disease: The Role of Depression. *Ann Am Thorac Soc.*2016;13(9):1497-504. doi: 10.1513/AnnalsATS.201602-136OC.

11. **Moyo P**, Huang TY, Simoni-Wastila L, Harrington, D. Exploratory and Confirmatory Factor Analyses of Delirium Symptoms in a Sample of Nursing Home Residents. *J Appl Gerontol.* 2016;37(2):228-255. doi: 10.1177/0733464816633859.

12. Lin D, Lucas E, Murimi IB, Jackson K, Baier M, Frattaroli S, Gielen A, **Moyo P**, Simoni-Wastila L, Alexander GC. Physician Attitudes and Experiences with Maryland's Prescription Drug Monitoring Program (PDMP). *Addiction*. 2017;112(2):311-319. doi: 10.1111/add.13620.

13. **Moyo P**, Griffin BA, Onukwugha E, Harrington D, Alexander GC, Palumbo F, Simoni-Wastila L. Impact of Prescription Drug Monitoring Programs on Opioid Utilization among Medicare Beneficiaries. *Addiction*. 2017;112(10):1784-1796. doi: 10.1111/add.13860.

    Accompanying editorial: Davis CS. Commentary on Pardo (2017) and Moyo et al. (2017): Much still unknown about prescription drug monitoring programs. *Addiction.* 2017 Oct;112(10):1797-1798. doi: 10.1111/add.13936.

14. Albrecht JS, Khokhar B, Huang TY, Wei YJ, Harris I, **Moyo P**, Hur P, Lehmann SW, Netzer G, Simoni-Wastila L. Adherence and Healthcare Utilization among Older Adults with COPD and Depression. *Respir Med*. 2017;129:53-58. doi: 10.1016/j.rmed.2017.06.002.

15. Wei YJ, Simoni-Wastila L, Albrecht JS, Huang TY, **Moyo P**, Khokhar B, Harris I, Langenberg P, Netzer G, Lehmann SW. The Association of Antidepressant Treatment with COPD Maintenance Medication Use and Adherence in a Comorbid Medicare Population:

A longitudinal Study. *Int J Geriatr Psychiatry*. 2018;33(2):e212-e220. doi: 10.1002/gps.4772.

16. **Moyo P**, Zhao X, Thorpe CT, Thorpe JM, Sileanu FE, Cashy J, Hale J, Mor MK, Donohue JM, Radomski TR, Hausmann LRM, Hanlon JT, Good CB, Fine MJ, Gellad WF. Patterns of Opioid Prescriptions Received Prior to Unintentional Prescription Opioid Overdose Death among Veterans. *Res Social Adm Pharm.* 2019 Aug;15(8):1007-1013. doi: 10.1016/j.sapharm.2018.10.023.

17. **Moyo P**, Zhao X, Thorpe CT, Thorpe JM, Sileanu FE, Cashy J, Hale J, Mor MK, Donohue JM, Radomski TR, Hausmann LRM, Hanlon JT, Good CB, Fine MJ, Gellad WF. Dual Receipt of Prescription Opioids from VA and Medicare Part D and Prescription Opioid Overdose Death among Veterans: A Nested Case-Control Study. *Ann Intern. Med.* 2019 Apr 2;170(7):433-442. doi: 10.7326/M18-2574.

    Accompanying editorial: Meyer LJ, Clancy CM. Care Fragmentation and Prescription Opioids. *Ann Intern Med*. 2019 Apr 2;170(7):497-498. doi: 10.7326/M19-0492.

18. **Moyo P**. Opioid Use Disorder and its Treatment among Older Adults: An Invited Commentary. *Am. J. Geriatr. Psychiatry* 2019 Apr;27(4):346-348. doi: 10.1016/j.jagp.2019.01.009.

19. Bosco E, Zullo AR, McConeghy KW, **Moyo P**, van Aalst R, Chit A, Mor V, Gravenstein S. Long-Term Care Facility Variation in the Incidence of Pneumonia and Influenza. *Open Forum Infectious Diseases*. 2019 May 15. https://doi.org/10.1093/ofid/ofz230.

20. Donohue JM, Kennedy J, Seymour CW, Girard TD, Lo-Ciganic W, Kim CH, Marroquin O, **Moyo P**, Chang CH, Angus DC. Patterns of Opioid Administration During Inpatient Stays and Associations with Opioid Use Post-Discharge. *Ann Intern. Med*. 2019 Jul 16;171(2):81-90. doi: 10.7326/M18-2864.

21. **Moyo P**, Gellad WF, Sabik LM, Cochran GT, Cole ES, Gordon AJ, Kelley DK, Donohue JM. Prevalence of Prescription Opioid Use Quality Measures among Pennsylvania Medicaid Enrollees with and without Cancer. *Am J Prev Med.* 2019 Oct;57(4):540-544. doi: 10.1016/j.amepre.2019.05.019.

22. **Moyo P**, Griffin BA, Onukwugha E, Palumbo F, Harrington D, Alexander GC, Simoni-Wastila L. Prescription Drug Monitoring Programs: Assessing the Association Between "Best Practices" and Opioid Use by Disabled and Older Adults. *Health Serv Res*. 2019 Oct;54(5):1045-1054. doi: 10.1111/1475-6773.13197.

23. Childs A, Zullo AR, Joyce N, McConeghy KW, van Aalst R, **Moyo P**, Bosco E, Mor V, Gravenstein S. The Burden of Respiratory Infections among Older Adults in Long-Term Care: A Systematic Review. *BMC Geriatr*. 2019 Aug 5;19(1):210. doi: 10.1186/s12877-019-1236-6.

24. Bosco E, Zullo AR, McConeghy KW, **Moyo P**, van Aalst R, Chit A, Mwenda KM, Panozzo CA, Mor V, Gravenstein S. Geographic Variation in Pneumonia and Influenza in Long-Term Care Facilities: A National Study. *Clin Infect Dis.* 2020 Nov 5; 71(8):e202-e205. doi:

10.1093/cid/ciaa081.

25. Zullo AR, **Moyo P**, Jutkowitz E, Zhang W, Thomas K. Opioid Use Disorder among Hospitalized Older Adults: Prevalence, Characteristics, and Discharge Status. *J Am Med Dir Assoc.* 2020 Apr;21(4):557-559. doi: 10.1016/j.jamda.2020.01.011.

26. **Moyo P**, Zullo AR, McConeghy KW, Bosco E, van Aalst R, Chit A, Gravenstein S. Risk Factors for Pneumonia and Influenza Hospitalizations in Long-Term Care Facility Residents. *BMC Geriatr.* 2020 Feb 10;20(1):47. doi: 10.1186/s12877-020-1457-8.

27. Delcher C, Pauly N, **Moyo P**. Advances in Prescription Drug Monitoring Program Research: A Literature Synthesis (June 2018 to December 2019). *Curr Opin Psychiatry*. 2020 July;33(4):326-333. doi: 10.1097/YCO.0000000000000608.

28. Bardenheier B, Baier R, Silva Joseph, Gravenstein S, **Moyo P**, Bosco E, Ogarek J, van Aalst R, Chit A, Zullo AR. Persistence of Racial Inequities in Receipt of Influenza Vaccination among Nursing Home Residents in the United States. *Clin Infect Dis.* 2020 Sep 29;ciaa1484. doi: 10.1093/cid/ciaa1484. [Epub ahead of print]

29. Zullo AR, Danko KJ, **Moyo P**, Adam GP, Riester M, Kimmel HJ, Panagiotou OA, Beaudoin FL, Carr D, Balk EM. Prevention, Diagnosis, and Management of Opioids, Opioid Misuse, and Opioid Use Disorder in Older Adults. Technical Brief No. 37. (Prepared by the Brown Evidence-based Practice Center under Contract No. 290-2015-00002-I.) AHRQ Publication No. 21-EHC005. Rockville, MD: Agency for Healthcare Research and Quality. November 2020. doi: 10.23970/AHRQEPCTB37

30. **Moyo P**, Donohue JM. Commentary on Zhou et al. (2020): Policy Levers to Reduce Co-prescribing of Opioids and Gabapentinoids and Overdose Risk. *Addiction*. 2021 Apr;116(4):831-832. doi:10.1111/add.15308.

31. Riester MR, Bosco E, Bardenheier BH, Eliot M, Silva J, Gravenstein S, **Moyo P**, Baier R, van Aalst R, Chit A, Loiacono MM, Zullo AR. Decomposing Racial and Ethnic Disparities in Nursing Home Influenza Vaccination. *J Am Med Dir Assoc*. 2021 Jun;22(6):1271-1278.e3. doi: 10.1016/j.jamda.2021.03.003.

32. Silva JB, Bosco E, Riester MR, McConeghy KW, **Moyo P**, van Aalst R, Bardenheier BH, Gravenstein S, Baier R, Loiacono MM, Chit A, Zullo AR. Geographic Variation in Influenza Vaccination among US Nursing Home Residents: A National Study. *J Am Getr Soc*. 2021 Sep;69(9):2536-2547. doi: 10.1111/jgs.17270. [Epub 2021 May 20]

33. Bosco E, van Aalst R, McConeghy KW, Silva J, **Moyo P**, Eliot MN, Chit A, Gravenstein S, Zullo AR. Estimated Cardiorespiratory Hospitalizations Attributable to Influenza and Respiratory Syncytial Virus Among Long-Term Care Facility Residents. *JAMA Netw Open*. 2021 Jun 1;4(6):e2111806. doi: 10.1001/jamanetworkopen.2021.11806.

34. Goedel WC, Macmadu A, Shihipar A, **Moyo P**, Cerdá M, Marshall BDL. Association of medical cannabis licensure with prescription opioid receipt: A population-based, individual-level retrospective cohort study. *Int J Drug Policy*. 2021 Oct 22;100:103502. doi: 10.1016/j.drugpo.2021.103502.

35. Monnig MA, Treloar Padovano H, Sokolovsky AW, DeCost G, Aston ER, Haass-Koffler CL, Szapary C, **Moyo P**, Avila JC, Tidey JW, Monti PM, Ahluwalia JS. Associations of Substance Use with Behavioral Adherence to Centers for Disease Control and Prevention Guidelines for COVID-19 Mitigation: Survey Study. *JMIR Public Health Surveill*. 2021 Nov 9;7(11):e29319. doi: 10.2196/29319.

36. **Moyo P**, Loomer L, Teno JM, Gutman R, McCreedy EM, Belanger E, Volandes AE, Mitchell SL, Mor, V. Effect of an Advance Care Planning Video Intervention on End-of-Life Health Care Transitions among Long-Stay Nursing Home Residents. *J Am Med Dir Assoc.* 2022 Mar; 23(3):394-398. doi: 10.1016/j.jamda.2021.09.014. [Epub 2021 Oct 8]

37. Arnold J, Zhao X, Cashy JP, Sileanu FE, Mor MK, **Moyo P**, Thorpe CT, Good CB, Radomski TR, Fine MJ, Gellad WF. An uninterrupted time series evaluation of the association between state laws mandating prescriber use of prescription drug monitoring programs and discontinuation of chronic opioid therapy in US Veterans. *Medical Care*. 2021 Dec 1;59(12):1042-1050. doi: 10.1097/MLR.0000000000001643.

38. **Moyo P**, Corneau E, Cornell PY, Mochel AL, Magid KH, Levy C, Mor V. Antipsychotic initiation and new diagnoses excluded from quality measure reporting among Veterans in community nursing homes contracted by the Veterans Health Administration in the United States. *Int J Methods Psychiatr Res*. 2022 Mar;31(1):e1898. doi: 10.1002/mpr.1898. [Epub 2021 Nov 5]

39. **Moyo P**, Bosco E, Bardenheier B, Rivera-Hernandez M, van Aalst R, Chit A, Gravenstein S, Zullo AR. Variation in influenza vaccine assessment, receipt, and refusal by the concentration of Medicare Advantage enrollees in U.S. nursing homes. *Vaccine*. 2022 Feb 11;40(7):1031-1037. Doi:10.1016/j.vaccine.2021.12.069.

40. Hughto JMW, **Moyo P**, Green TC. Medicaid prescription cap policies: Another structural barrier to medication for opioid use disorder. *J Addict Med*. 2022 Nov-Dec;16(6):616-618. doi: 10.1097/ADM.0000000000000980. [Epub 2022 Mar 1]

41. Sabik LM, Eom KY, Sun Z, Merlin JS, Bulls HW, **Moyo P**, Pruskowski JA, van Londen GJ, Rosenzweig M, Schenker Y. Patterns and Trends in Receipt of Opioids among Patients Receiving Treatment for Cancer in a Large Health System. *J Natl Compr Canc Netw*. 2022 Mar 1;20(5):460-467. doi: 10.6004/jnccn.2021.7104.

42. McCreedy EM, Yang X, Mitchell SL, Gutman R, Teno J, Loomer L, **Moyo P**, Volandes A, Gozalo PL, Belanger E, Ogarek J, Mor V. Effect of Advance Care Planning Video on Do-Not-Hospitalize Orders for Nursing Home Residents with Advanced Illness. *BMC Geriatr.* 2022 Apr 8;22(1):298. doi: 10.1186/s12877-022-02970-3.

43. Magid KH, Galenbeck E, Haverhals LM, Cornell PY, **Moyo P**, Mochel AL, Corneau E, Rudolph JL, Mor V, Levy C. Purchasing High-Quality Community Nursing Home Care: A Will to Work with VHA Diminished by Contracting Burdens. *J Am Med Dir Assoc.* 2022 Nov;23(11):1757-1764. doi: 10.1016/j.jamda.2022.03.007. [Epub 2022 Apr 14]

44. **Moyo P,** Schmidt C, Lee Y, Joshi R, Mukhdomi T, Trivedi A, Shireman TI. Receipt of

Physical Therapy and Chiropractic Care by Adults Diagnosed with Chronic Pain: Analysis of the 2016-2018 Rhode Island All Payer Claims Database. *R I Med J*. 2022 May 2,105(4):51-56.

45. Rofé K*, Marshall BDL, Merlin JS, Trivedi AN, Shireman TI, Schmidt C, **Moyo P**. Nonpharmacologic Management of Chronic Pain in the United States' Medicare Population: A Scoping Review Protocol. *JBI Evid Synth*: 2022 Sep 1;20(9):2361-2369. doi: 10.11124/JBIES-21-00467. * denotes student mentee

46. Goodyear K, **Moyo P**, Avila JC, Ahluwalia JS, Mollig MA. Associations Between Alcohol and Cannabis Use Before and During the COVID-19 Pandemic: Results of a Community Survey. *Addict Behav Rep*. 2022 Dec;16:100455. doi.org/10.1016/j.abrep.2022.100455. [Epub 2022 Sep 9]

47. **Moyo P**, Eliot M, Shah A, Goodyear K, Jutkowitz E, Thomas K, Zullo A. Discharge Locations after Hospitalizations Involving Opioid Use Disorder among Medicare Beneficiaries. *Addict Sci Clin Pract*. 2022 Oct 8;17(1)57. doi:10.1186/s13722-022-00338-x.

48. O'Neill ET, Bosco E, Persico E, Silva JB, Riester MR, **Moyo P**, van Aalst R, Loiacono MM, Chit A, Gravenstein S, Zullo AR. Correlation of long-term care facility vaccination practices between seasons and resident types. *BMC Geriatr*. 2022 Nov 4;22(1):835. doi: 10.1186/s12877-022-03540-3.

49. Hughto JMW, Tapper A, Rapisarda S, Stopka TJ, Palacios W, Case P, Silcox J, **Moyo P**, Green TC. Drug use patterns and factors related to the use and discontinuation of medications for opioid use disorder in the age of fentanyl: Findings from a mixed-methods study of people who use drugs. *Subst Abuse Treat Prev Policy*. 2023 May 22;18(1):30. doi: 10.1186/s13011-023-00538-x.

50. **Moyo P**, Vaillant J,* Girard A, Gairola R, Shireman TI, Trivedi AN, Merlin JS, Marshall BDL. Prevalence of opioid and nonopioid pain management therapies among Medicare beneficiaries with musculoskeletal pain conditions from 2016 to 2019. *Drug Alcohol Depend*. 2023 Jul 1;248:109930. doi: 10.1016/j.drugalcdep.2023.109930. * denotes student mentee

51. Choudry E*, Rofé K,* Konnyu K, Marshall BDL, Shireman TI, Merlin JS, Trivedi AN, Schmidt C, Bhondoekhan F, **Moyo P**. Treatment Patterns and Population Characteristics of Nonpharmacologic Management of Chronic Pain in the United States' Medicare Population: A Scoping Review. *Innovation in Aging*. https://doi.org/10.1093/geroni/igad085. [Epub ahead of print: 2023 Aug 11] * denotes student mentee

52. Bhondoekhan F*, Marshall DBL, Shireman TI, Trivedi AN, Merlin JS, **Moyo P**. Racial and Ethnic Differences in Receipt of Physical Therapy and Chiropractic care for Chronic Low Back Pain among Medicare Beneficiaries with Opioid Use Disorder. 2023. *JAMA Netw Open*. 2023 Sep 5;6(9):e2333251. doi: 10.1001/jamanetworkopen.2023.33251. *denotes student mentee

53. **Moyo P**, Merlin JS, George M, Shireman TI, Marshall BDL. Association of Opioid Use Disorder Diagnosis with Use of Physical Therapy and Chiropractic Care among Chronic Low

Back Pain Patients: A Group-Based Trajectory Analysis. *J Pain*. 2024 Mar;25(3):742-754. doi: 10.1016/j.jpain.2023.10.003. [Epub ahead of print: 2023 Nov 22]

54. **Moyo P**, Nishar S, Merrick C, Streltzov N, Asiedu E, Roma C, Vanjani R, Soske J. Perspectives on Admissions and Care for Residents with Opioid Use Disorder in Skilled Nursing Facilities. *JAMA Netw Open.* 2024 Feb 5;7(2):e2354746. doi:10.1001/jamanetworkopen.2023.33251.

55. **Moyo P**, Merlin JS, Gairola R, Girard A,* Shireman TI, Trivedi AN, Marshall BDL. Association of Opioid Use Disorder Diagnosis with Management of Acute Low Back Pain: A Medicare Retrospective Cohort Analysis. *J Gen Intern. Med.* 2024 Aug;39(11):2097-2105. doi: 10.1007/s11606-024-08799-3. Epub 2024 Jun 3. * denotes student mentee

56. **Moyo P**, Choudry E,* George, M, Zullo AR, Ritter AZ, Rahman M. Disparities in Access to Highly Skilled Nursing Facilities Among Medicare Beneficiaries with Opioid Use Disorder. *J Am Med Dir Assoc.* Aug 5;25(10):105190. doi: 10.1016/j.jamda.2024.105190. * denotes student mentee

57. Rosenmoss S, LaRochelle M, Bearnot B, Weinstein Z, So-Armah K, **Moyo P**, Yan S, Walley AY, Kimmel SD. Racial and Ethnic Disparities in Referral Rejection from Post-Acute Care Facilities Among People with Opioid Use Disorder in Massachusetts. *J Addict Med*. 2024 Nov 8. doi: 10.1097/ADM.0000000000001390. Online ahead of print.

58. Nishar S,* Soske J, Vanjani R, Kimmel SD, Roma C, **Dow PM**. Access and Care for People with Opioid Use Disorder in U.S. Skilled Nursing Facilities: A Policy Commentary. *Int J Drug Policy*. 2024 Nov:133:104607. doi: 10.1016/j.drugpo.2024.104607. * denotes staff research supervisee

59. Oganisian A, Girard A, Steingrimsson JA, **Moyo P**. A Bayesian Framework for Causal Analysis of Recurrent Events with Timing Misalignment. *Biometrics*. 2024 Dec; 80(4). doi: https://doi.org/10.1093/biomtc/ujae145.

60. Benheim TS,* Kimmel SD, George M, **Dow PM**. Readmissions and Mortality After "Before Medically Advised" Hospital Discharges Among Medicare Beneficiaries with Opioid Use Disorder. *J Gen Intern. Med.* 2025 Sep;40(13):3118-3127. doi: 10.1007/s11606-025-09358-0. * denotes student mentee

61. **Dow PM**, Coulibaly N, Girard A, Merlin JS, Shireman TI, Trivedi AN, Gairola R, Marshall BDL. Association of Pharmacologic and Nonpharmacologic Management of Acute Low Back Pain with Overdose Hospitalizations: A Nested Case-Control Study. *J Integr Complement Med.* 2025 Jul;31(7):664-673. doi: 10.1089/jicm.2024.1032.

62. Wesolowicz DM, Becker WC, Alegria M, Chin-Purcell L, Glass JE, Knudsen HK, **Dow PM**, Seal KH, McGinty EB. Integrating Implementation Outcomes into Effectiveness Studies: A Practical Guide for Clinical Interventionists. *J Gen Intern Med*. 2025 Jul;40(10):2376-2382. doi: 10.1007/s11606-025-09551-1.

63. Vaillant J,* Gairola R, Merlin JS, Trivedi AN, Shireman TI, **Dow PM.** Trends and Disparities in the Use of Opioid, Gabapentinoid, and Nonpharmacologic Pain Therapies among Medicare Beneficiaries with Acute Low Back Pain, 2016-2019. *Med Care Res Rev*. 2025 May 29:10775587251339917. doi: 10.1177/10775587251339917. Online ahead of print. * denotes student mentee

64. **Dow PM**, George M, Zullo AR, Ritter AZ, Rahman M. Hospitalizations and Mortality Following Skilled Nursing Facility Admission by Opioid Use Disorder Status. 2025. *J Addict Med.* 2026 Jan-Feb 01;20(1):130-134. doi: 10.1097/ADM.0000000000001504. Epub 2025 May 15.

65. **Dow PM**, George M, Hughes LD, Roma C, Shireman TI, Donohue JM, Peterson L, Hughto JMW. Association of State Medicaid Prescription Cap Policies with Trajectories of Buprenorphine Use for Opioid Use Disorder. *J Subst Use Addict Treat.* 2025 Sep;176:209739. doi: 10.1016/j.josat.2025.209739. Epub 2025 Jun 9.

66. Ritter AZ, Roma C, Soske J, Merrick C, Kennedy KA, Nishar S, Kimmel S, Zullo AR, **Dow PM**. Optimizing Care Transitions to Post-Acute Care Following Hospitalizations for People with Opioid Use Disorder. *Innov Aging*. 2025 Jun 20;9(8):igaf069. doi: 10.1093/geroni/igaf069. eCollection 2025 Aug.

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SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

Media Appearances (online, print, radio, and television)

1. Emily Skahill. The Deal with Drugs. *Brown Political Review* Podcast Interview. March 28, 2019.

2. Matt Kuhrt. Vets Who Get Opioids from VA and Part D Raise Risk of Overdose. *FierceHealthcare*. News Website. URL: https://tinyurl.com/3a9a3ujc. March 11, 2019.

3. Alexander Castro. After Hospital Discharge, Patients Treated for Opioid Use May Be Unwelcome at Nursing Homes. *Rhode Island Current*. News Website. URL: https://tinyurl.com/2nr2666r. March 11, 2024.

4. John Roszkowski. Patients with Opioid Use Disorder Less Likely to be Admitted to Highly Rated Nursing Homes: Study. URL: https://tinyurl.com/2a4uutts. August 13, 2024.

5. Brown University School of Public Health. Breaking Barriers: Improving Post-Hospital Care for Opioid Use Disorder in Skilled Nursing Facilities. URL: https://sph.brown.edu/news/2024-11-26/opioid-treatment-nursing-facilities. November 26, 2024

Reports

1. National Academies of Sciences, Engineering, and Medicine. 2025. *Veterans, Prescription Opioids and Benzodiazepines, and Mortality, 2007–2019: Three Target Trial Emulations*. Washington, DC: The National Academies Press. https://doi.org/10.17226/28584.

INVITED PRESENTATIONS

National

1. **Moyo P**, Huang TY, Milani J, Klein-Schwartz W, Hur P, Yang J, Simoni-Wastila L. Highlights on Substance Use and Outcomes in Maryland. Presenter, Maryland Department of Health Behavioral Health Administration Prevention Network Meeting. Annapolis, MD, April 25, 2016.

2. **Moyo P**, Huang TY, Milani J, Klein-Schwartz W, Hur P, Yang J, Simoni-Wastila L. Substance Use and Outcomes – Maryland Statewide Epidemiological Profile. Presenter, Partnership for a Safer Maryland Annual Training Summit, Annapolis, MD, June 22, 2016.

3. **Moyo, P**. Impact of Opioid-Related Policies on Patterns and Quality of Opioid Prescribing. Seminar Presenter, Center for Health Policy and Outcomes, Memorial Sloan Kettering Cancer Center, New York, NY. January 19, 2018.

4. **Moyo, P**. Impact of Opioid-Related Policies on Patterns of Opioid Prescribing. Seminar Presenter, Florida A&M University College of Pharmacy & Pharmaceutical Sciences, Tallahassee, FL, February 14, 2018.

5. **Moyo, P**. Prescription Drug Monitoring Programs and Opioid Prescribing in Medicare. Seminar Presenter, Department of Pharmacy Practice. Purdue College of Pharmacy, Indianapolis IN, February 5, 2018.

6. **Moyo, P**. Association of Prescription Drug Monitoring Programs with Prescription Opioid Use: Lessons from Medicare. Presenter, Department of Health Services, Policy and Practice, Brown University School of Public Health, Providence, RI, March 20, 2018.

7. **Moyo, P**. Impact of receipt of opioids from VA and Medicare Part D on prescription opioid overdose deaths among dually-enrolled Veterans. Seminar Presenter, Veterans Aging Cohort Study (VACS) Opioids Core. VA Connecticut Healthcare System, West Haven, CT. November 20, 2018.

8. **Moyo, P**. Gray States: Challenges of Aging in the Eastern Seaboard. Panelist, The Council of State Governments - Eastern Regional Conference, Pittsburgh, PA. July 29, 2019.

9. **Moyo, P**. Patients, Privacy, and PDMPs: Exploring the Impact of Prescription Drug Monitoring Programs. Symposium Panelist. Cato Institute. Washington DC. October 3, 2019.

10. **Moyo, P**. Antipsychotic Initiation and New Diagnoses Excluded from Quality-Measure Reporting among Veterans in VA-Contracted Community Nursing Homes. Presenter, VA Long-Term Services & Supports Research Network. October 1, 2021. [Virtual]

11. **Moyo, P**. Opioid Overdose and Prescribing in Focus. Presenter, Rural Drug Addiction Research (RDAR) Center Seminar Series. October 14, 2021. [Virtual]

12. **Moyo, P**. Access to Skilled Nursing Facilities and Opioid Use Disorder Treatment in Rhode Island. Presenter, Long Term Care Coordinating Council (LTCCC) Behavioral Health Workgroup and RI Elder Mental Health and Addiction Coalition (RIEMHAC). December 7, 2022. [Virtual]

13. **Moyo, P**. National Institute on Drug Abuse. Office of Diversity and Health Disparities. NIDA Diversity Scholars Network (NDSN) Part II Workshop. Past NDSN Scholar Panelist. June 8, 2023. [Virtual]

14. **Moyo P**. Perceptions of Administrators about Treating Opioid Use Disorder in Rhode Island Skilled Nursing Facilities. Presenter, Rhode Island Governor Dan McKee's Overdose Task Force Treatment Workgroup – Committee on Substance Use Disorders in Long-Term Care Facilities. September 5, 2023. [Virtual]

15. **Moyo P**. Post-Acute Care Use and Outcomes for People with Opioid Use Disorder. Seminar Presenter, Department of Health Policy and Management, University of Maryland. November 30, 2023. [Virtual]

16. **Dow PM**. Skilled Nursing Facility Access and Use among People with Opioid Use Disorder. Health Services Research PhD Student Journal Club, Providence, RI, USA. March 18, 2024.

17. **Moyo P**. Post-acute Care Access, Use, and Outcomes after Hospitalizations Involving Opioid Use Disorder. Seminar Presenter, Department of Population Health Sciences, Weill Cornell Medicine. New York City, NY. March 26, 2024.

18. **Dow PM**. Rhode Island Skilled Nursing Facility and Opioid Use Disorder Learning Collaborative. April 12, 2024. [Virtual]

19. **Dow PM**. Skilled Nursing Facility Access and Use among People with Opioid Use Disorder. Seminar Presenter, University of Pittsburgh Health Services Research Seminar. November 14, 2024. [Virtual]

20. **Dow PM**. Access to Skilled Nursing Facilities for People with Opioid Use Disorder. Brown University Center for Alcohol and Addiction Studies (CAAS) Rounds, Providence, RI. December 6, 2024.

21. **Dow PM,** Benheim TS. Access to Skilled Nursing Facilities for People with Opioid Use Disorder. Seminar Co-Presenter, Veterans Aging Cohort Study (VACS) Opioids Core. October 10, 2025. [Virtual]

22. **Dow PM**, Barnett ML, Saloner BK. Weekly HSR Seminar Series. Health Services, Policy, and Practice Spotlight: Substance and opioid use disorders. Brown University. Providence, RI. November 19, 2025.

OTHER PRESENTATIONS

National

1. **Moyo P**, Huang TY, Simoni-Wastila L. Opioid-related Hospital Admissions and Deaths in Maryland, 2008-2011. Poster presented at *AcademyHealth* Annual Research Meeting. Baltimore, MD. June 2013.

2. Wei YJ, Simoni-Wastila L, Huang TY, **Moyo P**, Franey C, Brandt N, Zuckerman IH. Impact of Psychopharmacological Medication Use and Quality on Mortality among Medicare Nursing Home Residents. Poster presented at *AcademyHealth* Annual Research Meeting, Baltimore, MD. June 2013.

3. Huang TY, Wei YJ, Simoni-Wastila L, **Moyo P**, Zuckerman IH, Lucas J. Factors Associated with Behavioral Symptom Improvement among Medicare Nursing Home Residents with Alzheimer's Disease and Related Dementias. Poster presented at *AcademyHealth* Annual Research Meeting, Baltimore, MD. June 2013.

4. **Moyo P**, Huang TY, Simoni-Wastila L. Trends in Prescription Opioid Use among Medicare Part D Enrollees, 2007-2009. Poster presented at *AcademyHealth* Annual Research Meeting. Baltimore, MD. June 2013.

5. Huang TY, Wei YJ, Simoni-Wastila L, **Moyo P**, Zuckerman IH, Lucas J. Factors Associated with Behavioral Symptom Improvement among Medicare Nursing Home Residents with Alzheimer's Disease and Related Dementias. Poster presented at *AcademyHealth* Annual Research Meeting, Baltimore, MD. June 2013.

6. Wei YJ, Simoni-Wastila L, Lucas J, Brandt N, **Moyo P**, Huang TY, Zuckerman IH. Mortality Risk of Antipsychotic Dose and Duration in Nursing Home Residents with Severe Mental Illness, Delirium, or Behavioral Symptoms in Dementia. Poster presented at *AcademyHealth* Annual Research Meeting, San Diego, CA. June 2014.

7. **Moyo P**, Huang TY, Simoni-Wastila L. Examination of the Factor Structure of Delirium Symptoms among Nursing Home Residents. Poster presented at *AcademyHealth* Annual Research Meeting. San Diego, CA. June 2014.

8. **Moyo P**, Huang TY, Simoni-Wastila L. Association of Prescription Opioid Use and Mortality in Community-Dwelling Medicare Beneficiaries with Non-Cancer Conditions. Poster presented at *Drug Information Association*. San Diego, CA. June 2014.

9. **Moyo P**, Huang TY, Simoni-Wastila L. Estimates and Characteristics of Emergency Department Visits Involving Prescription Opioids in the U.S. Poster presented at *International Conference on Opioids*. Boston MA. June 2014.

10. Huang TY, **Moyo P**, Simoni-Wastila L. Treatment Availability in Substance Abuse Treatment Facilities and Opioid Analgesic Overdose Deaths. *AcademyHealth* Student Pecha Kucha Style Competition, San Diego, CA. June 2014.

11. Huang TY, Wei YJ, **Moyo P**, Zuckerman IH, Lucas J, Simoni-Wastila L. Treated Behavioral Symptoms and Mortality among Medicare Nursing Home Residents with Alzheimer's Disease and Related Dementias. *AcademyHealth Annual Research Meeting*, San Diego, CA. June 2014.

12. **Moyo P**, Huang TY, Simoni-Wastila L. Co-Occurring Mental Disorders in Treatment Admissions for Substance Use Disorders in Maryland. *Addiction Health Services Research* Conference, Boston, MA. October 2014.

    Abstract: **Moyo P**, Huang TY, Simoni-Wastila. Co-occurring mental disorders in treatment admissions for substance Use Disorders in Maryland. *Addict Sci Clin Pract*. 2015:10 (Suppl 1); A42.

13. Huang TY, Yang J, **Moyo P**, Simoni-Wastila L. Co-Occurring Mental Illness in Emergency Department and Hospital Inpatient Encounters Related to Substance Abuse in Maryland. *Addiction Health Services Research* Conference, Boston, MA. October 2014.

    Abstract: Huang TY, Yang J, **Moyo P**, Simoni-Wastila L. Co-Occurring Mental Illness in Emergency Department and Hospital Inpatient Encounters Related to Substance Abuse in Maryland. *Addict Sci Clin Pract*. 2015:10 (Suppl 1); A22.

14. Simoni-Wastila L, Wei YJ, Zuckerman IH, Huang TY, **Moyo P**, Brandt N, Lucas J. Influence of Antipsychotic Dose and Duration on Mortality among Nursing Home Residents with Appropriate Indications for Use. *The Gerontological Society of America* Annual Scientific Meeting, Washington DC. November 2014.

    Abstract: Simoni-Wastila L, Brandt NJ, Wei YJ, Huang TY, **Moyo P**, Franey C, Zuckerman I. Antipsychotics and Other Psychopharmacological Medication Use in United States Nursing Homes: What are the Concerns and Actions Taking Place to Optimize Prescribing? *Alzheimer's and Dementia*. 2014:10(4) Suppl: 278-279; O4-13-04.

15. Huang TY, **Moyo P**, Tom S, Simoni-Wastila L. Cross-Border Prescription Fills Associated with the Maryland Prescription Drug Monitoring Program. *Association of American Geographers* Annual Meeting, Chicago, IL. April 2015.

16. Park Y, **Moyo P**, Huang TY, Tom S, Simoni-Wastila L. Adolescents' and Young Adults' Marijuana Abuse/Dependence and Treatment Receipt: A Retrospective, Cross-Sectional Study of the 2013 National Survey of Drug Use and Health. Poster presented at *AcademyHealth* Annual Research Meeting, Minneapolis, MN. June 2015.

17. Park Y, Huang TY, **Moyo P**, Tom S, Simoni-Wastila L. Medical Marijuana Laws and Young Adults' Perceptions and Use of Marijuana: A Retrospective, Cross-Sectional Study of the 2013 National Survey of Drug Use and Health. Poster presented at *AcademyHealth* Annual Research Meeting, Minneapolis, MN. June 2015.

18. Huang TY, **Moyo P**, Tom S, Simoni-Wastila L. Identifying Potential Spill-Over Effects of the Maryland Prescription Drug Monitoring Program. Poster presented at International Conference on *Pharmacoepidemiology & Therapeutic Risk Management*, Boston, MA. August 2015.

19. Simoni-Wastila L, Park Y, Huang TY, **Moyo P**. Medicalization of Marijuana: Impact of State Law on Marijuana Use and Perception among Young Adults. Poster presented at *Addiction Health Services Research* Conference, Marina del Rey, CA. October 2015.

20. **Moyo P**, Park Y, Huang TY, Simoni-Wastila L. Non-medical Use and Abuse of Prescription Pain-Relievers: The Influence of Prescription Drug Monitoring Programs and Contextual Factors. Poster presented at *Addiction Health Services Research* Conference, Marina del Rey, CA. October 2015.

21. Hur P, Albrecht JS, Simoni-Wastila L, Huang TY, **Moyo P**, Wei YJ, Harris IH, Khokhar B. Severity and Acute Inhaler Use in Chronic Obstructive Pulmonary Disease. Poster presented at *AMCP Managed Care & Specialty Pharmacy* Annual Meeting, San Francisco, CA. April 2016.

22. Hur P, Albrecht JS, Huang TY, Simoni-Wastila L, **Moyo P**, Khokhar B, Harris IH, Wei YJ. Relationship between Severity and Acute Inhaler Use in Chronic Obstructive Pulmonary Disease. Poster presented at *International Society for Pharmacoeconomics and Outcomes Research* Annual International Meeting, Washington DC. May 2016.

23. Albrecht JS, Park Y, Hur P, Huang TY, Harris I, Netzer G, Lehmann SW, Langenberg P, Khokhar B, Wei YJ, **Moyo P**, Simoni-Wastila L. Adherence to Maintenance Medications among Older Adults with Chronic Obstructive Pulmonary Disease: The Role of Depression. Poster presented at *AcademyHealth* Annual Research Meeting, Boston, MA. June 2016.

24. Wei YJ, Simoni-Wastila L, Albrecht JS, Huang TY, **Moyo P**, Khokhar B, Harris I, Langenberg P, Netzer G, Lehmann S. Influence of Antidepressant Treatment on Use of and Adherence to COPD Maintenance Medications. Poster presented at *AcademyHealth* Annual Research Meeting, Boston, MA. June 2016.

25. **Moyo P**, Griffin BA, Onukwugha E, Palumbo F, Harrington D, Alexander GC, Simoni-Wastila L. Association Between Prescription Drug Monitoring Program Implementation and Opioid Dispensing among Medicare Beneficiaries: Observations in Select States. Poster presented at *Addiction Health Services Research* Conference, Seattle, WA. October 2016.

26. Kuzucan A, **Moyo P**, Simoni-Wastila L. Emergency Department Visits and Hospitalizations Before and After Prescription Drug Monitoring Implementation in Maryland: Does Policy Impact Differ by Age? Poster presened at *Addiction Health Services Research* Conference, Seattle, WA. October 2016.

27. **Moyo P**, Griffin BA, Onukwugha E, Palumbo F, Harrington D, Alexander GC, Simoni-Wastila L. Impact of Prescription Drug Monitoring Programs on Opioid Prescribing in Medicare Part D. University of Maryland *Pharmaceutical Health Services Research Department Seminar*. Baltimore, MD. January 2017.

28. **Moyo P**, Griffin BA, Onukwugha E, Palumbo F, Harrington D, Alexander GC, Simoni-Wastila L. Lessons from Medicare: Prescription Drug Monitoring Program Rigor and Prescription Opioid Use among Disabled and Older Adults. Poster presented at *Addiction Health Services Research* Conference, Madison, WI. October 2017.

29. **Moyo P**, Zhao X, Thorpe CT, Thorpe JM, Sileanu FE, Cashy J, Hale J, Mor MK, Radomski TR, Hausmann LRM, Hanlon JT, Good CB, Fine MJ, Gellad WF. History of Opioid Medication Supply among Veterans in the 30 and 180 days Prior to Prescription Opioid Overdose Death. *Society of General Internal Medicine*, Denver, CO. April 2018.

Abstract: **Moyo P**, Zhao X, Thorpe CT, Thorpe JM, Sileanu FE, Cashy J, Hale J, Mor MK, Radomski TR, Hausmann LRM, Hanlon JT, Good CB, Fine MJ, Gellad WF. History of opioid medication supply among Veterans in the 30 and 180 days prior to prescription opioid overdose death. *J Gen Intern Med.* Suppl. 2018:33(2).

30. **Moyo P**, Zhao X, Thorpe CT, Thorpe JM, Sileanu FE, Cashy J, Hale J, Mor MK, Donohue JM, Radomski TR, Hausmann LRM, Hanlon JT, Good CB, Fine MJ, Gellad WF. Association of Dual Receipt of Opioids from both VA and Medicare Part D with Prescription Opioid Overdose Deaths. *VA Pittsburgh Healthcare System Fellows Conference*. Pittsburgh, PA. May 2018.

31. **Moyo P**, Gellad WF, Sabik LM, Donohue JM. Understanding Prescription Opioid Quality Measurement in the Context of Cancer. Poster presented at *AcademyHealth Annual Research Meeting*, Seattle, WA. June 2018.

32. **Moyo P**, Zhao X, Thorpe CT, Thorpe JM, Sileanu FE, Cashy J, Hale J, Mor MK, Radomski TR, Hausmann LRM, Hanlon JT, Good CB, Fine MJ, Gellad WF. Patterns of Opioid Prescriptions Received Prior to Unintentional Prescription Opioid Overdose among Veterans. Poster presented at *AcademyHealth Annual Research Meeting*, Seattle, WA. June 2018.

33. **Moyo P**, Zhao X, Thorpe CT, Thorpe JM, Sileanu FE, Cashy J, Hale J, Mor MK, Donohue JM, Radomski TR, Hausmann LRM, Hanlon JT, Good CB, Fine MJ, Gellad WF. Dual Receipt of Prescription Opioids from Both VA and Medicare Part D is Associated with Prescription Opioid Overdose Deaths. *Addiction Health Services Research* Conference. Savannah, GA. October 2018.

34. Bosco E, Zullo AR, McConeghy KW, **Moyo P**, van Aalst R, Chit A, Mor V, Gravenstein S. Long-Term Care Facility Variation in the Incidence of Pneumonia and Influenza Hospitalizations among Older Adults. *Brown University Public Health Research Day*. Providence, RI. April 2019.

35. Bosco E, Zullo AR, McConeghy KW, **Moyo P**, Mor V, Gravenstein S, van Aalst R, Chit A. Variation In Vaccination For Respiratory Infections And Associated Outcomes Across Long-term Care Facilities. *International Society for Pharmacoepidemiology*. Philadelphia, PA. August 2019.

36. **Moyo P**, Jutkowitz E, Zullo AR, Zhang W, Thomas KS. Opioid Use Disorder Related Hospitalizations among Medicare Beneficiaries. *Addiction Health Services Research* Conference. Salt Lake City, UT. October 2019.

    Abstract: **Moyo P**, Jutkowitz E, Zullo AR, Zhang W, Thomas KS. Opioid Use Disorder Related Hospitalizations among Medicare Beneficiaries. In: Garets M, Archer S, Kitchens C, Cochran G, Gordon AJ. The 2019 Addiction Health Services Research Conference: Insights, review, and abstracts. *Subst Abus*. 2019;40(4):469-472 (Supp 113). PMID: 31847783.

37. Zullo AR, Danko K, Adam G, Beaudoin F, **Moyo P**, Carr DB, Balk EM. Prevention, Diagnosis, and Management of Opioids, Opioid Misuse, and Opioid Use Disorder in Older Adults. *American Geriatrics Society* Annual Meeting, Long Beach, CA. May 2020.

38. **Moyo P**. Utilization of Opioid and Non-Pharmacologic Treatments among Adults Diagnosed with Chronic Pain in Rhode Island. November 2020. *Symposium on Substance Use Research*. [Virtual]

39. **Moyo P**. Antipsychotic Prescribing in VA-Contracted Community Nursing Homes and Antipsychotic Use among Veterans. November 2021. *Gerontological Society of America* Annual Scientific Meeting. [Virtual]

40. **Moyo P**. Trends and Racial/Ethnic Differences in Use of Nonpharmacologic Treatments for Chronic Pain in Adults with Co-occurring Opioid Use Disorder. *COBRE on Addiction and Disease Risk Exacerbation Annual Symposium.* Providence, RI. November 2022.

41. **Moyo P**. Discharge Locations after Hospitalizations Involving Opioid Use Disorder among Medicare Enrollees. *Gerontological Society of America* Annual Scientific Meeting. Indianapolis, IN. November 2022.

42. **Moyo P**. Demographic and Opioid Use Disorder Profiles of People with Chronic Back Pain Receiving Physical Therapy and Chiropractic Care. November 2022. *Symposium on Substance Use Research*. [Virtual]

43. Girard A,* Oganisian A, **Moyo P**. Causal Estimation of Recurrent Event Rates Under Censoring. Poster presented at Brown University School of *Public Health Research Day*. April 2023. *denotes student mentee

44. Bhondoekhan F,* Marshall BDL, Trivedi AN, Shireman TI, Merlin JS, **Moyo P**. Differences in Non-Pharmacologic Chronic Low Back Pain Care across Race and Ethnicity in People with Opioid Use Disorder. Poster presented at 2023 Annual Meeting of the *Society for Epidemiologic Research*. Portland, OR. June 2023. *denotes student mentee

45. **Moyo P**, Merlin JS, George M, Shireman TI, Trivedi AN, and Marshall BDL. Association of Opioid Use Disorder Diagnosis with Use of Physical Therapy and Chiropractic Care Among Chronic Low Back Pain Patients: A Group-Based Trajectory Analysis. *AcademyHealth Annual Research Meeting*. June 2023.

46. **Moyo P**, Girard A, Gairola R, Shireman TI, Trivedi AN, Merlin JS, Marshall BDL. Prevalence and Association of Opioid Use Disorder Diagnosis with Nonpharmacologic, Nonopioid, and Prescription Opioid Pain Treatment Receipt among Medicare Beneficiaries with Acute Low Back Pain. *Addiction Health Services Research*. October 20, 2023.

47. Merrick C, Soske J, Nishar S, Streltzov N,* Asiedu E,* Vanjani R, Heren K, Amorin M, **Moyo P**. Administrator Perspectives on Post-Acute Care in Skilled Nursing Facilities for People with Opioid Use Disorder. Poster presented at *Addiction Health Services Research*. October 18, 2023. *denotes student mentee

48. **Dow PM**, Coulibaly N, Merlin JS, Gairola R, Girard A, Shireman TI, Trivedi AN, Marshall BDL. Association of Pharmacologic and Nonpharmacologic Management of Acute Low Back Pain and Drug Related Overdose Hospitalizations: A Nested Case-Control Study. Poster presented at the *AcademyHealth Annual Research Meeting*, Baltimore, MD. July 1, 2024.

49. **Dow PM**, Rahman M, Zullo AR, George M, Ritter A. Skilled Nursing Facility Use and Outcomes Following Hospitalizations Involving Opioid Use Disorder. *AcademyHealth Annual Research Meeting*, Baltimore, MD. July 2, 2024.

50. Roma C, **Dow PM**. Skilled Nursing Facility Use and Outcomes after Hospitalizations Involving Opioid Use Disorder. Brown University School of Public Health *Center for Gerontology and Healthcare Research Brown Bag Seminar Series,* Providence, RI. July 16, 2024.

51. Roma C,* Ritter A, Kimmel S, Merrick C, Kennedy K, Soske J, **Dow PM**. Transitions to skilled nursing facilities among people with opioid use disorder (OUD) and access to medications for OUD: a multi-state qualitative inquiry. *Symposium on Substance Use Research*. November 6, 2024. [Virtual] * denotes research staff supervisee

52. **Dow PM**, George M, Hughes L, Shireman TI, Donohue JM, Hughto JMW. Association of State Medicaid Prescription Cap Policies with Adherence Trajectories of Buprenorphine for Opioid Use Disorder. *Addiction Health Services Research* conference, San Francisco, CA. October 16, 2024.

53. **Dow PM**, Santostefano C, Hughes LD, Shireman TI, Donohue JM, Hughto JMW. Association of Medicaid Prescription Cap Policies with Acute Care Use, Drug-Related Overdoses, and All-Cause Mortality among Enrollees with Opioid Use Disorder. *Northeast Medicaid Research Symposium*, New Haven, CT. November 22, 2024.

54. Ritter AZ,* Roma C, Soske J, Merrick C, Kennedy KA, Nishar S, Kimmel S, Zullo AR, **Dow PM**. Identifying Disparities in Care Transitions for People with Opioid Use Disorder Referred to Post-Acute Care Following a Hospitalization. Poster presented at the *Eastern Nursing Research Society* meeting. April 2025. *presenting author

55. **Dow PM**, Santostefano C, Hughes LD, Shireman TI, Donohue JM, Hughto JMW. Association of Medicaid Prescription Cap Policies with Acute Care Use and All-Cause Mortality among Enrollees with Opioid Use Disorder. Poster presented at *AcademyHealth Annual Research Meeting* Minneapolis, MN. June 8, 2025.

56. **Dow PM**, Roma C, Merrick C, Nishar S, Kennedy K, Soske J, Kimmel S, Zullo AR, Ritter AZ. Optimizing Transitions and Care for People with Opioid Use Disorder in Skilled Nursing Facilities: a Multi-state Qualitative Inquiry. *AcademyHealth Annual Research Meeting* Minneapolis, MN. June 8, 2025.

57. Benheim TS,* Rahman M, Zullo AR, Ritter AZ, Kimmel SD, **Dow PM**. Hospital-Skilled Nursing Facility Dynamics in Access to Post-Acute Care for People with Opioid Use Disorder. Poster presented at *AcademyHealth Annual Research Meeting* Minneapolis, MN. June 8, 2025. *denotes student mentee.
    - Won Best Student/Postdoctoral Fellow Poster Award from the Mental Health/Substance Use Interest Group

58. Bhondoekhan F,* **Dow PM**, Marshall BDL, Hayes KN, Joyce N. Disparities in Nonpharmacologic Chronic Pain Treatments for Older Adults with Alzheimer's Disease and Related Dementias. Poster presented at *Society for Epidemiology Research (SER)* Annual Meeting, Boston, MA. June 2025. * denotes student mentee

59. Bhondoekhan F,* **Dow PM**, Marshall BDL, Hayes KN, Joyce N. *Disparities in Nonpharmacologic Chronic Pain Treatments for Older Adults with Alzheimer's Disease and Related Dementias*. 2025 International Society for Pharmacoepidemiology (ISPE) Annual Meeting, Washington, DC. August 2025. * denotes student mentee

60. **Dow PM**, George M, Zullo AR, Ritter AZ, Rahman M. Care Transitions and Mortality among Skilled Nursing Facility Residents with Opioid Use Disorder. *Gerontological Society of America* Annual Scientific Meeting. Boston, MA. November 13, 2025.

61. **Dow PM**, Roma C, Merrick C, Nishar S, Kennedy K, Soske J, Kimmel SD, Zullo A, Ritter A. Improving Care for Skilled Nursing Facility Residents with Opioid Use Disorder: A Qualitative Study. *Gerontological Society of America* Annual Scientific Meeting. Boston, MA. November 15, 2025.

62. Benheim TS,* Rahman M, Zullo AR, Ritter AZ, Kimmel SD, **Dow PM**. Access to High-Quality Skilled Nursing Facilities for People with Opioid Use Disorder: A Discrete Choice Analysis. *Addiction Health Services Research* conference, Salt Lake City, UT. October 6, 2026. *denotes student mentee.
    - Won 2026 AHSR Early Career Investigator Award

63. Ritter AZ, Walt G, Soske J, Kimmel SD, **Dow PM**. Expert Panel Findings on Potential Best Practices for Addressing Opioid Use Disorder in Skilled Nursing Facilities. *Gerontological Society of America* Annual Scientific Meeting. National Harbor, MD. November 5, 2026.

International

1. Huang TY, Simoni-Wastila L, Wei YJ, Zuckerman IH, Brandt N, Luong M, **Moyo P**. Psychopharmacological Medication Use in Nursing Home Residents with Delirium. *International Conference on Pharmacoepidemiology & Therapeutic Risk Management*, Montreal, QC. August 2013.

2. Huang TY, Wei YJ, **Moyo P**, Zuckerman IH, Lucas J, Simoni-Wastila L. Association of Behavioral Symptom Improvement with Mortality among Medicare Nursing Home Residents with Alzheimer's Disease and Related Dementias. Poster presented at International Conference on *Pharmacoepidemiology & Therapeutic Risk Management*, Montreal, QC. August 2013.

3. Huang TY, **Moyo P**, Simoni-Wastila L. Effect of Facility Opioid Treatment Availability on Opioid Analgesic Overdose Deaths. The 30th International Conference on *Pharmacoepidemiology & Therapeutic Risk Management*, Taipei, Taiwan. October 2014.

4. **Moyo, P**. Opioid Prescribing to Medicare Beneficiaries: Do Prescription Drug Monitoring Program Status and Characteristics Matter? University of Amsterdam *Summer Institute on Alcohol, Drugs & Addiction* workshop, Amsterdam, Netherlands. July 2016.

GRANTS

Active

R01DA066911 (MPIs: Hughto, Dow, Green) 08/15/26-05/31/31
NIDA $3,263,644
This study will integrate national data on stimulant potency and adulteration, Medicaid claims linked to the National Death Index, and other external population-level data sources, and qualitative interviews with patients and providers to generate clinically meaningful evidence that can inform multilevel strategies to reduce stimulant overdose morbidity and mortality in the US.
Role: co-Principal Investigator

R01DA057979 (MPIs: Hughto, Dow) 04/01/23-02/29/28
NIDA $3,648,845
Impact of Medicaid Prescription Cap Policies on Treatment Outcomes for Opioid Use Disorder: A National Mixed Methods Study
The project assessed the impact of prescription cap policies initiation and continuation of medications for OUD (MOUD) and outcomes including health services utilization, overdoses, and all-cause mortality. Qualitative interviews with patients with OUD and providers who practice in states impacted by cap policies will also be conducted to elucidate their experiences with caps and identify best practices for navigating these policies.
Role: co-Principal Investigator

R01DA065771 (PI: Singh) 09/15/26-06/30/31
NIDA $ 3,172,024
Private Equity and Opioid Use Disorder
This mixed-methods study will examine how private equity (PE) acquisitions of substance use disorder treatment facilities affect care for individuals with OUD. Using a secret shopper approach, we will compare services and patient populations served by PE-acquired and non-PE facilities. We will also use national data and a quasi-experimental difference-in-differences design to assess

changes in MOUD type, cost, and volume, as well as treatment access and patient outcomes following acquisition.
Role: Co-Investigator

INCENT-OUD (PI: Kimmel) 01/01/2026-12/31/2027
The Patrick and Catherine Weldon Donaghue Medical Research Foundation $21,899
Incentivizing Care for People with Opioid Use Disorder in Skilled Nursing Facilities
This project examines the effect of MassHealth opioid use disorder supplemental billing codes on skilled nursing facility access for people with opioid use disorder.
Role: site Principal Investigator

VA Transformative Health Systems Research to Improve Veteran Equity and Independence (THRIVE) Center of Innovation (COIN) 10/07/24-10/06/27
Interagency Personnel Agreement (IPA) award $33,985
This IPA seeks to provide expertise on addiction within the research of the Center of Innovation in LTSS.
Role: Co-Investigator

Completed

U2CDA057717 (MPIs: McGovern, S Becker, Brown, W Becker) 09/30/22 –08/31/26
NIDA $15,800,388
HD2A Research Adoption Support Center (RASC)
The main goal of the HEAL Datat2Action Research Adoption Support Center (RASC) is to stem the tide of overdose death in the US by leading a scientifically-driven support endeavor designed to effectively translate evidence based interventions for substance use disorders and pain.
Role: Core Faculty

Grant No. 25-24510 (PI: Dow) 05/01/25 – 07/31/26
Commonwealth Fund $49,733
Identifying Best Practices for Addressing Opioid Use Disorder in Skilled Nursing Facilities
The proposed study will assemble an expert panel and employ a nominal group technique to identify potential best practices for improving admissions of people with OUD and access to MOUD in SNFs.
Role: Principal Investigator

R01MH122301 (MPIs: Shireman, Galarraga) 08/01/20 – 07/31/26
NIMH $3,958,363
Impact of Prescription Caps on Health Outcomes in People Infected with HIV
The objective of this application is to evaluate the how Medicaid prescription cap policies impact adherence to HIV antiretroviral therapy and other chronic medications as well as healthcare spending.
Role: Co-Investigator

R21DA053518-01 (PI: Dow) 04/15/22 – 03/31/25
NIDA $434,507

Skilled Nursing Facility Care and Outcomes After Hospitalizations Involving Opioid Use Disorder.
The objective of this project is to examine the quality of skilled nursing facility (SNF) care and patient outcomes following an opioid-related hospitalization, and elicit provider perspectives on the transition to SNF and adequacy of OUD care in SNFs.
Role: Principal Investigator

R03DA051778-01 (PI: Dow) 07/01/21 – 06/30/24
NIDA $159,293
Chronic Pain Management and Outcomes in Adults With and Without Opioid Use Disorder
The objectives of this study are to investigate if chronic pain treatment receipt differs by OUD status, and to characterize the impact of including non-opioid pain treatments on patient health outcomes and opioid prescribing in those with and without OUD.
Role: Principal Investigator

Diamond Fund Faculty Pilot Funding (PI: Dow) 04/01/21-03/31/24
Center for Gerontology and Healthcare Research $74,584
Access to Skilled Nursing Facilities and Treatment Options for People with Opioid Use Disorder in Rhode Island
This project is a qualitative inquiry to understand the barriers and facilitators to SNF access for people with OUD, and identify best practices for treating OUD in SNFs located in Rhode Island.
Role: Principal Investigator

P20GM130414 (Co-PIs: Monti, Tidey, Ahluwalia) 04/01/21 – 03/31/23
NIGMS $449,349
Trends and Racial/Ethnic Differences in Opioid Prescribing Safety and Use of Nonpharmacologic Treatments for Chronic pain in Adults with Co-occurring Opioid Use Disorder
This project assessed racial/ethnic disparities in guideline concordant opioid management and use of non-opioid and non-pharmacologic chronic pain therapies among Medicare beneficiaries with cooccurring opioid use disorder.
Role: Principal Investigator – Project 2

Richard B. Salomon Faculty Research Award (PI: Dow) 07/01/20 – 06/30/22
Brown University $13,454
Patient Profiles and Settings of Care Following Opioid Use Disorder Related Hospitalizations in Medicare
The objective of this study was to understand the context of opioid use disorder among Medicare beneficiaries with respect to the attributes of the patients, hospital admission, and the settings of post-acute care following opioid-related hospitalizations.
Role: Principal Investigator

I21HX00327301 (PI: Schapira) 10/01/20 – 03/31/22
VA (Interagency Personnel Agreement, $17,032)
Identifying Risk Factors for Persistent Opioid Use Among Veterans Following Treatment for Early Stage Cancer

This project aimed to determine incidence and factors associated with new persistent opioid use and unsafe opioid prescribing among initially opioid naïve Veterans who undergo curative-intent surgery for early stage cancer.
Role: Co-Investigator

IIR 17-231 (PI: Mor) 01/01/20 – 12/31/21
VA – (Interagency Personnel Agreement, $44,358)
Are Veterans' Outcomes Better when VHA Purchases High Quality Nursing Home Care?
This project examined the influence of facility quality on the purchasing decisions of VAMC's regarding contract nursing homes.
Role: Co-Investigator

Respiratory Infection in Long-Term Care Facilities (PI: Zullo) 07/01/17 – 12/31/21
Sanofi Pasteur $419,145
The Burden of Infections in LTCF Identification, Treatment, and Health Outcomes
The Brown University team assembled a comprehensive longitudinal database and utilized it to study individual, facility, and geographic factors related to pneumonia and influenza infection and outcomes such as hospitalization.
Role: Co-Investigator

5UH3AG049619-05 (Co-PIs: Mor, Mitchell, Volandes) 08/15/14 – 05/31/21
NIA $1,707,943
PROVEN: PRagmatic trial Of Video Education in Nursing homes
NHs serve the most frail and vulnerable patients. Interventions to deliver more patient-focused, cost-effective care in this setting are needed. Better advanced care planning offers an opportunity to improve NH care. Video decision support is a practical and innovative approach to uniformly provide advanced care planning. This work has the potential improve the care provided to millions of older Americans in NHs and enable future pragmatic trials in this setting.
Role: Co-Investigator

COBRE on Opioids and Overdose (PI: Rich) 01/01/20 – 12/31/20
NIGMS P20GM125507. $40,000
Use of non-opioid and non-drug treatments for chronic pain: trends and relationship with opioid prescribing and outcomes in the Rhode Island All Payer Claims Data. This pilot project aimed to describe prescription opioid, non-opioid and nonpharmacologic treatments and evaluate health outcomes among chronic pain patients enrolled in public and private plans in Rhode Island.
Role: Sub Principal Investigator

HHSA290201500002I 75Q80119F32015T 06/10/19 - 01/05/20
AHRQ (PI: Balk) $123,077
Prevention, Diagnosis, and Management of Inappropriate Opioid Use, Misuse, and Abuse in Older Adults
The purpose of this Task Order was to conduct one technical brief on the Prevention, Diagnosis, and Management of Inappropriate Opioid Use, Misuse, and Abuse in Older Adults.
Role: Co-Investigator

CONSULTING

Active

R01HS029170 (MPIs: Sabik, Schenker) 07/01/23-06/30/27
AHRQ
Policies to Inform Safe and Equitable Opioid Access for Patients with Advanced Cancer Near End of Life
This project will examine the impact of state-level opioid policies on advanced cancer patients.
Role: Expert Stakeholder

Completed

HHSP233201500013I (PI: Bertrand) 09/28/19-09/28/23
AHRQ
Identifying and Testing Strategies for Management of Opioid Use and Misuse in Older Adults in Primary Care Practices
The Abt Associates team will perform an environmental scan, conduct a national survey of geriatric primary care providers, and develop a compendium of strategies and support two sequential 15-month learning collaboratives of primary care practices.
Role: Technical Expert

TEACHING

Guest Lecturer, Impact of PDMPs on Opioid Utilization among Medicare Beneficiaries in 10 U.S. States. Introduction to Pharmacoepidemiology. University of Pittsburgh School of Pharmacy, Pittsburgh PA, Spring 2018.

Guest Lecturer, Prescription opioid harms and benefits. Introduction to Pharmacoepidemiology. (PHP 2440), Brown University School of Public Health, Providence RI. Spring 2019.

Guest Lecturer, Legal and Policy Issues in the Opioid Crisis. Public Health Law and Ethics (PHP 2080), Brown University School of Public Health., Providence RI. Spring 2022.

MENTORING AND ADVISING

Listed below are trainees that I have formally mentored and/or supervised at Brown University since 2021.

Medical Students

2021 - 2022 Nicholas Streltzov, MSc, *Medical Student* (Role: Research Supervisor/Mentor). Project: Qualitative interviews of skilled nursing facility administrator perspectives on care for people with opioid use disorder.

Doctoral Students

2022 - Fiona Bhondoekhan, MS, *PhD Student in Epidemiology* (Role: Research Mentor and Dissertation Committee Member; Chair: Nina Joyce PhD). Dissertation: Promoting safe medication deprescribing through nonpharmacologic pain treatment in older adults with Alzheimer's Disease Related Dementias.

2023 - 2024 Rachel Rosales, MPH, *PhD Student in Health Services Research* (Role: Research Mentor). Project: Impact of Medicaid prescription cap policies on opioid use disorder treatment.

2023 - 2025 Neto Coulibaly, MS, *PhD Student in Health Services Research* (Role: Research Mentor). Project: Impact of type of management for acute low back pain on drug-related acute care use

2024 - Talia Benheim, BA, *PhD Student in Health Services Research* (Role: Research Mentor). Project: Skilled nursing facility use and outcomes among Medicare beneficiaries with opioid use disorder.

2024 - Siena Napoleon, MS, *PhD Student in Behavioral and Social Health Sciences* (Role: Dissertation Committee Member; Chair: Katie Biello PhD). Dissertation: Overdose prevention in adolescents and young adults: evaluating implementation effectiveness and outcomes.

2025- Elizabeth Stettenbauer, MA, *PhD Student in Health Services Research* (Role: Research Assistantship Supervisor). Project: Association of Medicaid prescription cap policies with type of medication treatment for opioid use disorder.

2025- Galya Walt, MPH, *PhD Student in Behavioral and Social Health Sciences* (Role: Research Assistantship Supervisor). Project: Identifying Best Practices for Addressing Opioid Use Disorder in Skilled Nursing Facilities.

Master's Students

2021 - MPH core advisor providing advising and mentoring to support students' academic and career goals. In this role, I have supported 34 students to date.

2021 - 2023 Anthony Girard, *MS Student in Biostatistics* (Role: Research Supervisor and Thesis Reader; Primary Advisor: Arman Oganisian PhD). Thesis: Causal estimation of recurring events under censoring.

2021 - 2022 Emmanuella Asiedu, *MPH Student*, (Role: Research Supervisor/Mentor). Project: Qualitative interviews of skilled nursing facility administrator perspectives on care for people with opioid use disorder.

2021 - 2022 Kara Rofé, *MPH Student* (Role: Research Supervisor/Mentor). Project: Scoping review of nonpharmacologic therapies for pain in Medicare.

2022 - 2023 Dana Antinozzi, *MPH Student* (Role: Thesis Reader; Primary Advisor: Benjamin Hallowell PhD). Thesis: Opioid use for end of life care among Rhode Island residents who died of cancer, 2018-2021.

2022 - 2024 Erum Choudry, *MPH Student* (Role: Research Mentor). Project: Scoping review on use of nonpharmacologic therapies for pain in Medicare.

2023 - 2024 Alexandria Morgan, *MPH Student* (Role: Primary Thesis Advisor). Thesis: Addiction treatment facilities serving older adults and availability of medications for opioid use disorder.

Undergraduate Students

2021 - 2021 Gavin Sabalewski, *Summer Undergraduate Research Assistant* (Role: Research Supervisor/Mentor). Project: Understanding Medicaid prescription cap policies.

2021 - 2021 Asghar Shah *Summer Undergraduate Research Assistant* (Role: Research Supervisor/Mentor). Project: Post-acute care use following hospitalizations for opioid use disorder.

2021 - 2022 Victoria Mello, *Undergraduate Student* (Role: Primary Thesis Advisor). Thesis: Effects of COVID-19-related policy changes on access to medications for opioid use disorder.

2022 - 2024 Jane Vaillant, *Undergraduate Student* (Role: Research Supervisor/Mentor and Primary Thesis Advisor). Thesis: Prevalence of opioid and nonopioid pain management therapies among Medicare beneficiaries with acute pain from 2016 to 2019.