### **CURRICULUM VITAE**

### PATIENCE MOYO, Ph.D

Last updated: May 19, 2023

### PERSONAL INFORMATION

Address: Department of Health Services, Policy & Practice. Brown University School of Public Health, 121 South Main Street Providence, RI 02903
Phone: 401-863-9220
E-mail: patience\_moyo@brown.edu

# **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 and Research Promotion)

### ACADEMIC APPOINTMENTS

2018 - Assistant Professor of Health Services, Policy & Practice, Brown University School of Public Health

# HONORS AND AWARDS

2005 - 2009	Andrea and 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

# **MEMBERSHIP IN SOCIETIES**

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

# NATIONAL OR INTERNATIONAL SERVICE

# Journal Manuscript Reviewer

American Journal of Geriatric Psychiatry, Journal of General Internal Medicine, Health Affairs, JAMA Health Forum, JAMA Internal Medicine

# Grant Reviewer

Ad Hoc Reviewer, NIH Societal and 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 Study Section (2023/10 HCRT), May 18-19, 2023

# **Conference Abstract Reviewer**

2020-2023 AcademyHealth Annual Research Meeting Mental Health and Substance Use Theme 2020-2023 Addiction Health Services Research Conference (meeting was not held in 2022)

# **Conference Planning Committee**

2020-2023 Addiction Health Services Research Conference (meeting was not held in 2022)

# **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

2023-2024 Ad hoc Committee on Evaluating the Effects of Opioids and Benzodiazepines on All-Cause Mortality in Veterans

# UNIVERSITY AND DEPARTMENTAL SERVICE

- 2021- MPH Core Faculty Advisor
- 2021- Health Services Research PhD Admissions Committee
- 2021 Application Reviewer, Delta Omega Honorary Society in Public Health
- 2019 Member, Departmental Diversity and Inclusion Committee

# PUBLICATIONS IN PEER-REVIEWED JOURNALS

- 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.
- 2. 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.
- 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.
- 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.
- 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.
- 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.
- 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.

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.

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.

- 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.
- 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.
- 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.

- 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.
- 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.
- 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.
- 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):e202e205. 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.00000000000608.
- 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 Coprescribing 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 May 20. doi: 10.1111/jgs.17270. [Epub ahead of print]
- 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.* 2021 Oct 8:S1525-8610(21)00834-3. doi: 10.1016/j.jamda.2021.09.014. [Epub ahead of print]
- 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. 2021 Dec 1;59(12):1042-1050. doi: 10.1097/MLR.00000000001643.

- 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.* 2021 Nov 5:e1898. doi: 10.1002/mpr.1898. [Epub ahead of print]
- 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. White Hughto J, Moyo P, Green T. Medicaid prescription cap policies: Another structural barrier to medication for opioid use disorder. *J Addict Medicine*. 2022 Mar 1. doi: 10.1097/ADM.0000000000980. [Epub ahead of print]
- 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 1:1-8. doi: 10.6004/jnccn.2021.7104. [Epub ahead of print]
- 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 Apr 14:S1525-8610(22)00238-9. doi: 10.1016/j.jamda.2022.03.007. [Epub ahead of print]
- 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 Aug 18; 20(3):1-9. 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. *Addictive Behaviors Reports*. 2022 Sep 9. https://doi.org/10.1016/j.abrep.2022.100455. [Epub ahead of print]

- 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. In press.
- 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. In Press.

# SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

### Media Appearances (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*. March 11, 2019.

### **INVITED PRESENTATIONS**

### <u>National</u>

- 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. Behavioral Health Administration Prevention Network Meeting, Annapolis MD, April 2016. Invited Speaker.
- 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. Partnership for a Safer Maryland Annual Training Summit, Annapolis MD, June 2016. Invited Speaker.

- 3. **Moyo, P.** Impact of Opioid-Related Policies on Patterns and Quality of Opioid Prescribing, Memorial Sloan Kettering Cancer Center, New York NY, January 2018. Invited Speaker.
- 4. **Moyo, P.** Impact of PDMPs on Opioid Utilization among Medicare Beneficiaries in 10 U.S. States, University of Pittsburgh School of Pharmacy, Pittsburgh PA, January 2018. Invited Speaker.
- 5. **Moyo, P.** Impact of Opioid-Related Policies on Patterns of Opioid Prescribing, Florida A&M University College of Pharmacy & Pharmaceutical Sciences, Tallahassee FL, February 2018. Invited Speaker.
- 6. **Moyo, P.** Prescription Drug Monitoring Programs and Opioid Prescribing in Medicare, Purdue College of Pharmacy, Indianapolis IN, February 2018. Invited Speaker.
- 7. Moyo, P. Association of Prescription Drug Monitoring Programs with Prescription Opioid Use: Lessons from Medicare, Brown University School of Public Health, Providence RI, March 2018. Invited Speaker.
- 8. **Moyo, P.** Impact of receipt of opioids from VA and Medicare Part D on prescription opioid overdose deaths among dually-enrolled Veterans, VA Connecticut Healthcare System, West Haven CT, November 2018. Invited Speaker.
- 9. Moyo, P. Gray States: Challenges of Aging in the Eastern Seaboard. The Council of State Governments Eastern Regional Conference, Pittsburgh PA. July 29, 2019. Invited Panelist.
- 10. Moyo, P. Patients, Privacy, and PDMPs: Exploring the Impact of Prescription Drug Monitoring Programs. Cato Institute. Washington DC. October 3, 2019. Invited Panelist.
- 11. **Moyo, P.** Antipsychotic Initiation and New Diagnoses Excluded from Quality-Measure Reporting among Veterans in VA-Contracted Community Nursing Homes. VA Long-Term Services & Supports Research Network. October 1, 2021. [Virtual]
- 12. Moyo, P. Opioid Overdose and Prescribing in Focus. Rural Drug Addiction Research (RDAR) Center Seminar Series. October 14, 2021. [Virtual]
- 13. Moyo, P and Vanjani R. Access to Skilled Nursing Facilities and Opioid Use Disorder Treatment in Rhode Island. Long Term Care Coordinating Council (LTCCC) Behavioral Health Workgroup and RI Elder Mental Health and Addiction Coalition (RIEMHAC). December 7, 2022. [Virtual]

# 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*'s 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.
- 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 presented 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 to be presented at 2023 Annual Meeting of the *Society for Epidemiologic Research*. Portland, OR. Forthcoming June 2023. \*denotes student mentee
- 45. Moyo P, Merlin JS, George M, Shireman T, Trivedi AN, and Marshall B. 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*. Forthcoming June 2023.

### <u>International</u>

- 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.
- 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

R01DA057979-01 (MPIs: Hughto, Moyo)04/01/23-02/29/28NIDA\$3,648,845Impact of Medicaid Prescription Cap Policies on Treatment Outcomes for Opioid Use Disorder:<br/>A National Mixed Methods Study

The objective of this project is to evaluate the impact of Rx cap policies on initiation and continuity of MOUD use among individuals diagnosed with OUD; and determine the impact of Rx cap policies on health services utilization, overdoses, and all-cause mortality among this population. We will then contextualize our quantitative findings via interviews with patients with OUD and providers who practice in states impacted by cap policies to elucidate their experiences with caps and identify best practices for navigating these policies.

R21DA053518-01 (PI: Moyo) NIDA 04/15/22 - 03/31/24 \$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 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: Moyo) NIDA 07/01/21 - 06/30/24 \$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: Moyo)04/01/21-03/31/24Center for Gerontology and Healthcare Research\$74,584Access to Skilled Nursing Facilities and Treatment Options for People with Opioid Use Disorderin Rhode IslandThis project is a qualitative inquiry to understand the barriers and facilitators to SNF access, and

identify best practices for treating OUD in SNFs.

Role: Principal Investigator

R01MH122301 (MPIs: Shireman, Galarraga)	08/01/20 - 06/30/25	
NIMH	\$3,958,363	
Impact of Prescription Caps on Health Outcomes in People Infected with I	HIV	
The objective of this application is to evaluate the how Medicaid prescription cap policies impact		
the health of persons with HIV and public expenditures.		
Role: Co-Investigator		

U2CDA057717 (MPIs: McGovern, S Becker, Brown, W Becker)	09/30/22 -08/31/27
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

# **COMPLETED**

P20GM130414 (Co-PIs: Monti, Tidey, Ahluwalia) NIGMS 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: Moyo) 07/01/20 – 06/30/22

Brown University

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)

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)

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: trend	ls and relationship with opioid
prescribing and outcomes in the Rhode Island All Payer Claims Da	ata. This pilot project aimed to

10/01/20 - 03/31/22

01/01/20 - 12/31/21

\$13.454

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 75Q80119F32015T06/10/19 - 01/05/20AHRQ (PI: Balk)\$123,077Prevention, Diagnosis, and Management of Inappropriate Opioid Use, Misuse, and Abuse in<br/>Older AdultsOlder AdultsThe purpose of this Task Order was to conduct one technical brief on the Prevention, Diagnosis,<br/>and Management of Inappropriate Opioid Use, Misuse, and Abuse in Older Adults.<br/>Role: Co-InvestigatorRole: Co-Investigator

# TEACHING

Guest Lecturer, PHP 2440 Introduction to Pharmacoepidemiology. Spring 2019 Guest Lecturer, PHP 2080 Public Health Law and Ethics. Spring 2022

# MENTORING AND ADVISING

The table below lists 10 individuals that Dr. Moyo has formally mentored since 2021. The provided information is current as of May 2023.

Trainee Name	Dates	<b>Research Topic</b>	<b>Current Position</b>
Girard, Anthony	2021-present	Acute and chronic pain management; overdoses	MS student in Biostatistics, Brown University
Bhondoekhan, Fiona	2022-present	Racial and ethnic disparities in pain treatment	PhD student in Epidemiology, Brown University
Choudry, Erum	2022-present	Scoping review on use of nonpharmacologic therapies for pain in Medicare	MPH student, Brown University
Vaillant, Jane	2022-present	Pain management trends 2016 to 2019	Undergraduate student, Brown University
Antinozzi, Dana	2022-present	Pain management among cancer patients in Rhode Island	MPH student, Brown University
Asiedu, Emmanuella	2021-2022	Qualitative interviews about access to nursing homes for people with opioid use disorder	PhD student in Clinical & Population Health Research, UMass Chan Medical School
Rofe, Kara	2021-2022	Scoping review protocol; data extraction; nonpharmacologic therapies for pain in Medicare	Associate statistical programmer, Pfizer
Mello, Victoria	2021-2022	Effects of COVID-19-related policy changes on access to medications for opioid use disorder	MPH student, Columbia University Mailman School of Public Health
Shah, Asghar	Summer 2021	Post-acute care use following hospitalizations for opioid use disorder	Undergraduate student, Brown University
Sabalewski, Gavin	Summer 2021	Medicaid policy; opioid use disorder treatment	Undergraduate student, Brown University