

Marissa Katerina Mackiewicz RN, MSN, CNS, PhD

1447 E. 52nd Street, 3W
Chicago, IL 60615
Cell: (773) 357-5259
Email: marimack@uchicago.edu

EDUCATION & TRAINING:

TL-1 Post-Doctoral Research Fellow, July 2023- Current

Mentor Dr. David Meltzer. Professor of Medicine, University of Chicago
University of Chicago, Chicago, IL

Post-Doctoral Research Fellow, July 2022- June 2023

Mentor Dr. Patricia Slattum. Professor Emeritus, Virginia Commonwealth University
Co-Mentor, Dr. Leland Waters, Associate Director, Virginia Commonwealth University
Virginia Commonwealth University, Richmond, VA

Post-Doctoral Research Fellow, June 2018- June 2022

Mentor Dr. Elvin T. Price, Associate Professor, Virginia Commonwealth University
Co-Mentor Dr. Lana Sargent, Assistant Professor, Virginia Commonwealth University
Virginia Commonwealth University, Richmond, VA

Doctor of Philosophy, Nursing, May 2018

Dissertation Chairperson Dr Ann Mayo, FAAN Faculty, University of San Diego
University of San Diego, San Diego, CA

Master of Science, Nursing, May 2012

University of San Diego, San Diego, CA

Bachelors of Science, Nursing, May 2005

Illinois Wesleyan University, Bloomington, IL

PROFESSIONAL LICENSE & CERTIFICATIONS:

License: Virginia Registered Nurse

CPR: Basic Life Support

Certification in Basic Medical Spanish

PROFESSIONAL APPOINTMENTS:

4/17-6/18

Director of Nursing, Geriatric Health Services & Research

Serving Seniors

San Diego, CA

7/12-4/17

Geriatric Care Coordinator/CNS

Serving Seniors

San Diego, CA

6/12-5/18 **Passport to Health Study Coordinator**
West Wireless Health Institute
San Diego, CA

2/11-7/12 **Performance Improvement Coordinator**
Prime Healthcare at Alvarado Medical Center
San Diego, CA

2/09-7/11 **Staff Registered Nurse**
Alvarado Medical Center
San Diego, CA

AWARDS & HONORS:

2017-2018 Horsch Nursing Endowment Scholarship, University of San Diego
2013-2016 Dean's Graduate Scholarship – Nursing, University of San Diego
2009-2012 Dean's Graduate Scholarship – Nursing, University of San Diego

PROFESSIONAL AFFILIATION:

2024 – present: Association for Clinical and Translational Science (ACTS)
2024 – present: American Geriatrics Society
2022 – present: Gerontological Society of America
2022 – present: Southern Gerontological Society
2018 - 2021: American Society for Clinical Pharmacology & Therapeutics (ASCPT)
2010 - present: National Association of Clinical Nurse Specialists

FUNDED RESEARCH AND TRAINING:

U54 MD010723, NIH-NIMHD (Pilot-PI): “Cardiovascular Pharmacogenomics in Community Dwelling Older Adults”, Price, ET PI, Role: Post-Doctoral Fellow, \$24,917(07/01/18-06/30/19)

U1QHP28744-04-00, “Geriatric Workforce Enhancement Program”, Health Resources and Services Administration (HRSA), Ansello, E(PI) Role: GWEP Faculty Development Program Fellow 2018-2019.

UL1TR002649, VCU Center for Clinical and Translational Research (CCTR) Endowment Fund, “The association of ambulatory blood pressure phenotypes with cognition in community-dwelling older adults: a pilot study”, Dixon and Sargent PIs, Role: Post-Doctoral Fellow, 2020-2021.

P30AG066619, “The association of ambulatory blood pressure phenotypes with cognition in community-dwelling older adults: a pilot study”, NIH-NIA P30 Award at University of Chicago, Price ET, Dixon DL, Sargent, L. Multiple PIs, Role: Post-Doctoral Fellow, 2021-2022.

U1QHP28744 is supported by the Health Resources and Services Administration (HRSA) of the U.S. Department of Health and Human Services (HHS) as part of an award totaling \$4,128,841 with 0 percentage financed with nongovernmental sources.

PUBLICATIONS:

Mackiewicz, M.K. (2018). The effect of mantram repetition on quality of life in low-income, urban dwelling older adults. *Digital USD Citation*.

Sargent, L., Slattum, P., Brooks, M., Gendron, T., **Mackiewicz, M.K.**, Diallo, A., Water, L., Winship, J., Battle, K., Ford, Falls, K., Chung, J., Zanjani, F., Pretzer-Aboff, I., Price, E.T., Prom-Wormley, E. & Parson, P. (2020). **Bringing transdisciplinary aging research from theory to practice.** *The Gerontologist*, <https://doi.org/10.1093/geront/gnaa214>

Sargent, L.J., **Mackiewicz, M.K.**, Roman, Y., Diallo, A., Russell, S., Falls, K., Zimmerman, K.M., Dixon, D., Prom-Wormly, E., Hogbood, S., Lageman, S.K., Zanjani, F. & Price, E.T. (2020). **The translational approaches to personalize health collaborative: Pharmacogenomics for African American older adults.** *Clinical Translational Science*, 14(2): 437-444.

Mackiewicz, M.K. (2021). Video Producer. "Substance Use Disorder and Older Adults." VCOA Opioid Project. 2021 May 20. https://youtu.be/xevQb4hB6_0

Sargent, L., Lageman, S., Thacker, L., Russel, S. **Mackiewicz, M.K.**, and Price, E.T. (2021). **Socially relevant approaches to the detection of dementia in minority older adults.** *Innovations in Aging*. 5: 719.

Winship, J.M., Gendron, T., Waters, L.W., Chung, J.C., Battle, K., Cisewski, M., Gregory, M., Sargent, L., Zanjani, F., Slattum, P., **Mackiewicz, M.K.**, Diallo, A., Ford, G., Falls, K., Price, E.T., Parsons, P.L., and VCU iCubed Health and Wellness in Aging Transdisciplinary Core. (2022). **COVID in context: The lived experience of Richmond's low-income older adults.** *Gerontology & Geriatric Medicine*, 8: 1-10.

Sargent, L., Zanjani, F., Winship, J., Gendron, T., **Mackiewicz, M.K.**, Diallo, A., Waters, L., Battle, K., Ford, G., Falls, K., Chung, J., Price, E.T., Cisewski, M., Parsons, P. and the VCU iCubed Health for the Wellness in Aging Transdisciplinary Core. (2022). **Socioeconomic effects on psychosocial factors among low-income older adults.** *Gerontology and Geriatric Medicine*, 8: 1-10.

Sargent, L., Barret, M.J., Nawaz, H., **Mackiewicz, M.K.**, Roman, Y.M., Slattum, P., Hobgood, S., and Price, E.T. (2022). **Vulnerability to Anticholinergic Medication Associated Frailty in Low-Income Minority Older Adults.** *Innovations in Aging*, 6(S1): 564.

Mackiewicz, M.K., Brown, R.E., Price, E.T. and Sargent, L. (2022). **Quality of Life in Older Adults with Opioid Use Disorder: A Scoping Review.** *Geriatric Nursing*, 46: 118-124.

Mackiewicz, M.K., Slattum, P. & Waters, L. (2022, December, 22). **Combating Stigma: An Educational Resource on Substance Use Disorder in Older Adults.** *Innovation in Aging*, 6(1 Suppl), S439. <https://doi.org/10.1093/geroni/igac059.1721>

Diallo, A., **Mackiewicz, M.K.**, Chung, J. (2023). **Cultivating Relationships as a Community-Based Recruitment Strategy in Transdisciplinary Aging Research: Lessons from an**

Academic–Community Partnership. *Family and Community Health*, 47(1):32-40.
<https://doi.org/10.1097/FCH.0000000000000383>

Mackiewicz, M.K., and Price, E.T. (2023). **Opioid Pharmacogenomics: for Optimizing Pain Management Strategies During the Opioid Epidemic.** *Clinical and Translational Science*, (in revision).

Mackiewicz, M.K. , Slattum, P. and Waters, L. (2023). **Combating Stigma: Development and Implementation of an Education Resource on Older Adults Behavioral Health Challenges.** *Dual Diagnosis in Older Adults*, 16(4): 218-226.

Sargent, L., Zimmerman, K.M., Mohammed, A., Barrett, M.J., Nawaz, H., Wyman-Chick, K., **Mackiewicz, M.K.,** Roman, Y., Slattum, P., Russel, S., Dixon, D.L., Lageman, S.K. Hobgood, S., Thacker, L., and Price, T. E. (2023). **Low-Income Older Adults' Vulnerability to Anticholinergic Medication-Associated Frailty.** *Drugs and Aging*. <http://doi.org/0.1007/s40266-023-01069-7>

Zanjani, F., Hardin, J., Battle, K., Cisewski, M., Chung, J., Diallo, A., Falls, K., Gendron, T., **Mackiewicz, M.K.,** Price, E., Waters, L., Winship, J., Parkson, P., and Sargent, L. (2023). **COVID-19 impact on adults with disabilities: a lifespan analysis.** *Lifespan and Disabilities: An Interdisciplinary Journal*, 26(2).

Sargent, L., Dixon, D., **Mackiewicz, M.K.,** Price, E. (2023). **Genetic variants associated with blood pressure phenotypes in older adults.** *Innovations in Aging* 7(supplement_1):1048-1049.
DOI: [10.1093/geroni/igad104.3369](https://doi.org/10.1093/geroni/igad104.3369)

Sproule, T.W., **Mackiewicz, M.K.,** Thacker, L., Price, E., Sargent, L., Dixon, D.L. **Association between Blood Pressure and Cognitive Impairment in a Predominantly Black, Community-Dwelling, Older Adult Population.** American College of Cardiology Scientific Sessions; April 8, 2024. *J Am Coll Cardiol*. 2024 Apr, 83 (13_Supplement) 1769.

Windship, J.M., **Mackiewicz, M.K.,** Babar, M., Dixon, D., Price, E., and Sargent, L. (2024). **“I have come because I see you care about me”: A qualitative study in recruiting older African Americans for genomic research.** *Ethnicity and Disease*, 34(4):185-191. DOI: [10.18865/EthnDis-2023-75](https://doi.org/10.18865/EthnDis-2023-75)

Mackiewicz, M.K., Winship, J., Slattum, P. and Waters, L. (2024). **Disparities experienced by racial minorities contribute to treatment gaps and lack of access to SUD resources and supports.** *Innovations in Aging*, (accepted).

Isra, H., Staab, E., Kagaramanova, A., **Mackiewicz, M.K.,** Thompson, K., Lazar, D., Zhao, A., Elwyn, G., Harle, C., Press, V., Laiteerapong, N. (2024). **Primary care clinician perspectives on older adult chronic pain management and clinical decision support.** *Journal of the American Geriatrics Society*, (accepted).

Pollack, H., **Mackiewicz, M.K.,** Sinha, S. (2025). Invisible and Overlooked (Again): Older Adults, Ageism, and Substance Misuse. *Millbank Quarterly*, (accepted).

PRESENTATIONS, LECTURE & TEACHING EXPERIENCE:

Educating Healthcare Providers on Substance Use Disorder in Older adults, VCU Department of Gerontology: GRTY 601 Bio and Physiology of Aging, April, 2024 & 2025.

Presented guest lecture on the development and implementation of a professional videography project and corresponding facilitator guide. Project and guide introduces the specific circumstances that place older adults among the most vulnerable populations to the negative outcomes associated with SUD. Included discussion on mix-method study in related population.

Substance Use Conversations: Engaging Low-Income Older Adults in the Community Setting, Southern Gerontological Society, April 2024

Presented research results from mix-methods study to explore beliefs around SUD in low-income, urban-dwelling, mostly African American older adults. Study themes included: causes of SUD, stigma and stereotyping, SUD treatment barriers and supports, understanding of current SUD-related terminology. Presentation also discussed barriers and facilitators to completing SUD research in this vulnerable population.

University of Chicago Oral Health Symposium, March 2024

Presented to an interprofessional faculty and staff team regarding RBH funded pilot project: “Hospital-based Education and Referral Program to Facilitate Inpatient Engagement in Post-discharge Dental Care”. Described development, planning, and future implementation of project to build network of local community dental providers and program to schedule dental appointments for hospitalized patients in need of dental care.

VCU IPEC Complex Care Coordination Lecture/Discussion, September 2023

Presented to an interprofessional student team regarding ongoing work related to problematic substances use in older adults with a special focus on factors associated with social determinants of health. Include information on recent research characterizing urban-dwelling, marginalized older adults’ perspectives and beliefs around substance use disorders and respective treatment barriers.

Healthy Food and Nutrition Lecture, VCU Center for Environmental Studies, March 2021, February 2022 & 2023, January 2024, February 2025.

Developed and presented guest lecture: “Understanding plant-based diets”. Reviewed plant-based diets and facilitated topic discussion, Q&A session.

Behavioral Health in Older Adults, LeadingAge Virginia, Oct 2022

Developed and presented guest lecture “Virginia Older Adult Behavioral Health Profile: Improving Mental Health to Address Increased Substance Use”. Discussed state of behavioral health concerns in older adults during the COVID-19 Pandemic.

Educating Healthcare Providers on Substance Use Disorder in Older adults, Southern Gerontological Society, April 2022

Presented on the development and implementation of a professional videography project and corresponding facilitator guide. Project and guide introduces the specific circumstances that place older adults among the most vulnerable populations to the negative outcomes associated with SUD. Reviews sources and impact of stigma as well as treatments for SUD in older adult populations.

IPE Preceptor, Richmond Health & Wellness Program (RHWP), 2018-2023

Function as RHWP clinical faculty. Present, lead and facilitate topic discussions, mentor and precept for transdisciplinary student groups in a community setting for socioeconomically disadvantaged, ethnically diverse older adults.

VCU IPEC Panel Discussion, October 2019

Joined interprofessional team to present ongoing transdisciplinary work of RHWP. Focused on clinical and academic initiatives as well as VCU's interdisciplinary research collaboration in underserved populations.

Pharmacogenomic (PGx) Research in the Community Setting, AARP VCU Site Visit, October 2019

Presented ongoing research study, "Cardiovascular PGx in Community Dwelling Older Adults". Described current initiatives, hypotheses and significance of current efforts providing PGx testing and education to underserved older adult populations and associated research.

Geriatrics & Pharmacogenomics Poster Presentation, VCU School of Pharmacy Geriatric Pharmacotherapy Program 20th Anniversary Program, October 2019

Presented ongoing research study, "Cardiovascular PGx in Community Dwelling Older Adults". Described current initiatives, hypotheses and significance of current efforts providing PGx testing and education to underserved older adult populations and associated research.

Substance Use in Older Adults, VCU School of Pharmacy, March 2019

Presented overview of professional videography project titled "Substance Use Disorder in Older Adults" to pharmacy. Also described findings from ongoing literature review on opioid use disorders in older adults and issues related to pain management and associated opioid PGx.

Social Isolation in Older Adults, VCU iCubed Health and Wellness in Aging Populations Core, April 2019

Developed and presented lecture on background and significance of social isolation on older adult populations to interdisciplinary VCU faculty members. Particular focus on interventions, research and negative consequences of social isolation on health and wellbeing.

Substance Use in Older Adults, VCU FDP Poster Symposium, July 2019

Presented ongoing work for professional videography project titled "Substance Use Disorder in Older Adults" to fellow students and faculty involved in the Faculty Development Program (FDP). Described ongoing efforts as projects director to develop and complete professional learning module on substance use disorders (focus on opioid use disorders), in older adult populations.

Meditation and QOL in Older Adults, VCU SOM Pharmacology PhD Research Group, Oct 2018

Presented dissertation work, "Mantram Repetition and Quality of Life in Low-Income, Community-dwelling Older Adults".

PROFESSIONAL SERVICE

Reviewer for Journal Manuscripts/Textbook Chapters/Conference, November 2024
Innovations in Aging (4.9 IF)

Reviewer for Journal Manuscripts/Textbook Chapters/Conference, November 2022
Journal of Addiction and Addictive Disorders (1.22 IF)

Awards Committee, Geriatric Training and Education (GTE) initiatives, November 2022

Reviewer for Journal Manuscripts/Textbook Chapters/Conference, November 2021
Geriatric Nursing (0.881 IF)

COMMUNITY SERVICE:

2020-2023, Medical volunteer, Richmond Medical Reserve Core

2014-2015, President, House of Ukraine, San Diego, CA

2012-2014, English Language Tutor, Read San Diego, San Diego, CA

2010-2013 & 2016-2018, 2020-2021, Secretary, House of Ukraine, San Diego, CA