

CURRICULUM VITAE

Lana Jean Ritchie Sargent, Ph.D., RN, FNP-C, GNP-BC
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EDUCATION

Institution	Degree	Date
Medical University of South Carolina	PhD	2017
Regis College	MSN	2004
Regis College	BSN	2002
University of Massachusetts Amherst	BS	1998

PREDOCTORAL TRAINING

Graduate Student NIH National Institute of Aging (NIA), Division of Neurogenetics Training in machine learning, data science, and bioinformatics	2015-2017
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LICENSURE

Commonwealth of Virginia, RN, LNP, Authorization to Prescribe Family Nurse Practitioner, American Academy of Nurse Practitioners	2004-Present
Gerontological Nurse Practitioner, American Nurses Credentialing Center	2005-Present

PROFESSIONAL EXPERIENCE

Academic Experience

Institution/Agency	Position	Date
School of Nursing Virginia Commonwealth University Richmond, VA	Associate Professor-Tenured Interim Associate Dean for Practice and Community-Engagement Assistant Professor – Tenure Track Instructor – Tenure Eligible Assistant Clinical Professor Adult-Gerontology Primary Care Coordinator	2022-Present 2017-2022 2015-2017 2014- 2015 2011- 2013
School of Pharmacy Virginia Commonwealth University Richmond, VA	Affiliate Faculty Geriatric Pharmacotherapy Program Department of Pharmacotherapy & Outcomes Science	2018-Present
School of Nursing University of Massachusetts Worcester Worcester, MA	Faculty Instructor	2008-2011
University of Massachusetts Medical School Family Medicine Residency Program Worcester, MA	Faculty Instructor	2006-2011

Clinical Experience

Institution	Position	Date
VCU Medical Center VCU Department of Internal Medicine, Division of Geriatrics Richmond, VA	Nurse Practitioner	2011-present
Family Health Center of Worcester Worcester, MA	Associate Director of Medical Services Director of Nurse Practitioners and Physician Assistants Nurse Practitioner	2010- 2011 2007- 2010 2004- 2011
Beverly Hospital Beverly, MA	Staff RN Telemetry/Cardiac ICU	2002- 2004

Research Experience

	Position	Date
Dana-Farber Cancer Institute Boston, MA	Research Assistant Adult Oncology	2000-2003
Pennington Biomedical Research Center Baton Rouge, LA	Research Assistant Genomics & Genetics	1998-2000

Collaborative Practice

Richmond Health and Wellness Program	Interprofessional Health Promotion & Care Coordination	2012-present
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Leadership Experience

Associate Dean for Practice and Community Engagement Leading Faculty Practice Development and Integration with VCU Health		2022-Present
NurseTRUST RWJF Executive Nurse Fellow Alumni Annual Summit Committee Member		2023
Blue Cross Blue Shield of Massachusetts Foundation, Building leadership capacity among healthcare organizations to serve the needs of low-income uninsured residents		2008-2009

TRAINING OR SPECIAL EXPERIENCE

Program	Date
Butler-Williams Scholar – National Institute of Aging	2019
Respecting Choices Advance Care Planning Facilitator	2017
Team Science Training Building Resources by Integrating Disciplines for Group Effectiveness in Science	2015
Virginia Geriatric Education Center, Geriatric Faculty Scholar	2011-2012

VCU Center for Teaching Excellence, Preparing to Teach Workshop, Teaching and Learning; How People Learn and Implications for Syllabus Design Introduction to Teaching with Technology	2011
Harvard School of Public Health Managing Ambulatory Health Care	2007 & 2010

TRAINING OR SPECIAL EXPERIENCE CONTINUED

Society of Teachers of Family Medicine-	2009
University of Massachusetts Medical School- Faculty Development	2006-2007

AWARDS/HONORS

<u>Award/Honor</u>	<u>Date</u>
School of Nursing Alumni Endowed Professor	2023
Excellence in Nursing Research Award, Sigma Global Nursing Excellence	2021
Distinguished Educator in Gerontological Nursing	2020
National Hartford Center of Gerontological Nursing Excellence (NHCGNE)	
Audrey Nelson Research Lecture Recipient	2020
Council for Community Engagement's Currents of Change Award	2018
The Promise of Nursing for South Carolina Regional Faculty Fellowship	2014
Virginia Council of Nurse Practitioners Education Award	2014
Mabel E. Montgomery Award	2013
Geiger Gibson Emerging Leader Award, George Washington University	2009
Excellence in Nursing Research and Scholarship, Regis College	2004
Excellence in Nursing Leadership Award, Regis College	2003

PUBLICATIONS

Published Manuscripts (+ = student, * = data-based, [I] = Invited)

(Including papers in review and press)

- Leach, C., Gan, D., Brothers, A., **Sargent, L.** & Dys, S. (2023). The promise and challenges of gerontologists who advance the science of community-engaged research. *Innovation in Aging*, 7(Suppl1):582–583. [Abstract] <https://doi.org/10.1093/geroni/igad104.1907>
- Sargent, L.**, Nalls, M., Singleton, A., Palta, P., Kucharska-Newton, A., Pankow, J., Young, H., Tang, W., Lutsey, P., Olex, A., Wendte, J. M., Li, D., Alonso, A., Griswold, M., Windham, B. G., Baninelli, S., & Ferrucci, L. (2023). Moving towards the detection of frailty with biomarkers: A population health study. *Aging cell*, e14030. Advance online publication. <https://doi-org.proxy.library.vcu.edu/10.1111/accel.14030>
- Sargent, L.**, Zimmerman, K.M., Mohamed, A., Barrett, M.J., Nawaz, H., Wyman-Chick, K., Mackiewicz, M., Roman, Y., Slattum, P., Russell, S., Dixon, D.L., Lageman, S.K., Hobgood, S., Price, E.T. (2023). Low-Income Older Adults' Vulnerability to Anticholinergic Medication-Associated Frailty. *Drugs & Aging*, DOI:10.1007/s40266-023-01069-7
- Koretsky MJ, Alvarado C, Makarious MB, Vitale D, Levine K, Bandres-Ciga S, Dadu A, Scholz SW, **Sargent L**, Faghri F, Iwaki H, Blauwendraat C, Singleton A, Nalls M, Leonard H. Genetic risk factor clustering within and across neurodegenerative diseases. (2023) *Brain*. doi: 10.1093/brain/awad161. Epub ahead of print. PMID: 37192343.
- Wood, R.E., Bleich, M., Chung, J., Elswick, R.K., Nease, E., **Sargent, L.**, & Kinser, P.A. (2023). *A mixed-methods exploration of nurse loneliness and burnout during COVID-19*. *Applied Nursing Research: ANR*, XX, XXX. <https://doi.org/10.1016/j.apnr.2023.151716>
- *Bauermeister, S., Phatak, M., Sparks, K., **Sargent, L.**, Griswold, M., McHugh, C., Nalls, M., Young, S.,

- Bauermeister, J., Elliott, P., Steptoe, A., Porteous, D., Dufouil, C., & Gallacher, J. (2023). Evaluating the harmonisation potential of diverse cohort datasets. *European Journal of Epidemiology* 2023, 1, 1–11. <https://doi.org/10.1007/S10654-023-00997-3>
- Shah, L.L., Chung, J., Diallo, A., Mohanraj, L., **Sargent, L.**, Ameringer, S., Brown, L., Jallo, N., Pretzer-Aboff, I., Robins, J., Swift-Scanlan, T., Jones, T., Parsons, P., Salisbury, A., & Kinser, P. (2023). Challenges and opportunities faced by nurse scientists in integrating data and technology in research to promote health. *Nursing Outlook*, 71(3), 1-3. <https://doi.org/10.1016/j.outlook.2023.101958>
- *Dadu A, Satone V, Kaur R, Hashemi SH, Leonard H, Iwaki H, Makarious MB, Billingsley KJ, Bandres-Ciga S, **Sargent LJ**, Noyce AJ, Daneshmand A, Blauwendraat C, Marek K, Scholz SW, Singleton AB, Nalls MA, Campbell RH, Faghri F. Identification and prediction of Parkinson's disease subtypes and progression using machine learning in two cohorts. *NPJ Parkinsons Dis*. 2022 Dec 16;8(1):172. doi: 10.1038/s41531-022-00439-z. PMID: 36526647; PMCID: PMC9758217.
- *+**Sargent, L.**, Smitherman, J., Brown, R., Sorenson, M., Starkweather, A. (2022) Cognitive and Motor Impairment in Spinal Cord Injury: A Scoping Review and Call for New Understanding. *Journal Spinal Cord Medicine*, <https://doi.org/10.1080/10790268.2022.2134634>
- *Bergen, A. W., Cil, G., **Sargent, L. J.**, & Dave, C. V. (2022). Frailty Risks of Prescription Analgesics and Sedatives across Frailty Models: The Health and Retirement Study. *Drugs & Aging*. <https://doi.org/10.1007/S40266-022-00941-2>
- *Mackiewicz, M., Brown, R. E., Price, E. T., & **Sargent, L.** (2022). Quality of life in older adults with opioid use disorder: A scoping review. *Geriatric Nursing*, 46, 118–124. <https://doi.org/10.1016/J.GERINURSE.2022.05.002>
- *+Moreno, O., Garcia-Rodriguez, I., Fuentes, L., Hernandez, C., Munoz, G., Fluellen, K., Hobgood, S. & **Sargent, L.** (2022) Non-Latinx healthcare provider's knowledge and awareness of Latinx geriatric clinical health needs, *Clinical Gerontologist*, DOI: [10.1080/07317115.2022.2065943](https://doi.org/10.1080/07317115.2022.2065943).
- *Makarious, M. B., Leonard, H. L., Vitale, D., Iwaki, H., **Sargent, L.**, Dadu, A., Violich, I., Hutchins, E., Saffo, D., Bandres-Ciga, S., Kim, J. J., Song, Y., Maleknia, M., Bookman, M., Nojopranoto, W., Campbell, R. H., Hashemi, S. H., Botia, J. A., Carter, J. F., ... Nalls, M. A. (2022). Multi-modality machine learning predicting Parkinson's disease. *NPJ Parkinson's Disease*, 8(1), 35. <https://doi.org/10.1038/S41531-022-00288-W>
- Sargent L**, Zanjani F, Winship J, Gendron T, Mackiewicz M, Diallo A, Waters L, Battle K, Ford G, Falls K, Chung J, Price ET, Cisewski M, Parsons P, Health VI. Socioeconomic Effects on Psychosocial Factors Among Low-Income Older Adults. *Gerontol Geriatr Med*. (2022) Jan-Dec;8:23337214221084866. doi: 10.1177/23337214221084866. eCollection 2022 Jan-Dec. PubMed PMID: 35299880; PubMed Central PMCID: PMC8921758.
- *Winship, J. M., Gendron, T., Waters, L., Chung, J., Battle, K., Cisewski, M., Gregory, M., **Sargent, L.**, Zanjani, F., Slattum, P., Mackiewicz, M., Diallo, A., Ford, G., Falls, K., Price, E. T., & Parsons, P. L. (2022). COVID in Context: The Lived Experience of Richmond's Low-Income Older Adults. *Gerontology & Geriatric Medicine*, 8, 233372142210792. <https://doi.org/10.1177/23337214221079208>
- Sargent, L.**, Lageman, S., Thacker, L., Russell, S., Mackiewicz, M., & Price, E. (2021). Socially Relevant Approaches to the Detection of Dementia in Minority Older Adults. *Innovation in Aging*, 5((Supplement_1)), 719–719. <https://doi.org/10.1093/geroni/igab046.2669>
- *Nawaz, H., **Sargent, L.**, Quilon, H., Cloud, L. J., Testa, C. M., Snider, J. D., Lageman, S, K., Baron, M. S., Berman, B. D., Zimmerman, K., Price, E. T., Mukhopadhyay, N. D., & Barrett, M. J. (2021). Anticholinergic medication burden in Parkinson's Disease outpatients. *Journal of Parkinson's Disease*. doi:10.3233/JPD-212769. PMID: 34806617
- *+Barrett, M. J., **Sargent, L.**, Nawaz, H., Weintraub, D., Price, E. T., & Willis, A. W. (2021). Antimuscarinic Anticholinergic Medications in Parkinson Disease: To Prescribe or Deprescribe? *Movement Disorders Clinical Practice*. <https://doi.org/10.1002/MDC3.13347>

- *⁺**Sargent, L.**, Mackiewicz, M., Roman, Y., Diallo, A., Russell, S., Falls, K., Zimmerman, K. M., Dixon, D. L., Prom-Wormley, E., Hobgood, S., Lageman, S. K., Zanjani, F., & Price, E. T. (2021). The Translational Approaches to Personalized Health Collaborative: Pharmacogenomics for African American Older Adults. In *Clinical and Translational Science* (Vol. 14, Issue 2, pp. 437–444). Blackwell Publishing Ltd. <https://doi.org/10.1111/cts.12885>
- *[I]⁺Usidame B, McQueen Gibson E, Diallo A, Blondino C, Clifford J, Zanjani F, **Sargent L**, Price E, Slattum P, Parsons P, Prom-Wormley E. Understanding the preference for receiving mental health and substance use support in African Americans 50 and older. *J Prev Interv Community*. (2021) May 31;:1-19. doi: 10.1080/10852352.2021.1930820. PubMed PMID: 34053408.
- *[I]Parsons P, King Horne K, Popovich A, Waters L, Price E, Diallo A, **Sargent L**, McQueen-Gibson E, Prom-Wormley E, Wilkerson T, Zanjani F. Creating structural community cohesion: Addressing racial equity in older adult homelessness. *J Prev Interv Community*. 2021 May 25;:1-13. doi: 10.1080/10852352.2021.1930819. PubMed PMID: 34033741.
- Mohanraj, L., **Sargent, L.**, Brown, R., & Swift-Scanlan, T. (2021, May). Frailty in Patients With Hematologic Malignancies and Those Undergoing Transplantation: A Scoping Review. In *Oncology Nursing Forum* (Vol. 48, No. 3, pp. 291-307), PMID: 33856001, DOI: [10.1188/21.ONF.291-307](https://doi.org/10.1188/21.ONF.291-307).
- *Nalls, M. A., Blauwendraat, C., **Sargent, L.**, Vitale, D., Leonard, H., Iwaki, H., ... & Singleton, A. B. (2021). Evidence for GRN connecting multiple neurodegenerative diseases. *Brain Communications*. fcab095, 3(2), fcab095, <https://doi.org/10.1093/braincomms/fcab095>
- Makarious, M. B., Leonard, H. L., Vitale, D., Iwaki, H., Saffo, D., **Sargent, L.**, ... & Faghri, F. (2021). GenoML: Automated Machine Learning for Genomics. *arXiv preprint, arXiv:2103.03221*.
- *Chung, J., **Sargent, L.**, Brown, R., Gendron, T., & Wheeler, D. (2020). GPS Tracking Technologies to Measure Mobility-Related Behaviors in Community-Dwelling Older Adults: A Systematic Review. *Journal of Applied Gerontology*, PMID: 33356769, DOI: [10.1177/0733464820979801](https://doi.org/10.1177/0733464820979801)
- *Khaddage, S. J., Patterson, J. A., **Sargent, L. J.**, Price, E. T., & Dixon, D. L. (2020). Sex and Age Differences in Ambulatory Blood Pressure Monitoring Tolerability. *American Journal of Hypertension*. PMID: 33180905, DOI: [10.1093/ajh/hpaa182](https://doi.org/10.1093/ajh/hpaa182)
- Sargent, L.**, Flattery, M., Shah, K., Price, E. T., Tirado, C., Oliveira, T., ... & Salyer, J. (2020). Influence of Physiological and Psychological Factors on Cognitive Dysfunction in Heart Failure Patients. *Applied Nursing Research*, PMID: 33280793, DOI: [10.1016/j.apnr.2020.151375](https://doi.org/10.1016/j.apnr.2020.151375)
- ***Sargent, L.**, Slattum, P., Brooks, M., Gendron, T., Mackiewicz, M., Diallo, A., ... Transdisciplinary, iCubed Health and Wellness in Aging (2020). Bringing Transdisciplinary Aging Research from Theory to Practice. *The Gerontologist*. Doi: 10.1093/geront/gnaa214
- *[I]**Sargent, L.**, Nalls, M., Amella, E., Mueller, M., Slattum, P., Bandinelli, S., Tain, Q., Swift-Scanlan, T., Lageman, S., Singleton, A. (2020). Shared Mechanisms for Cognitive and Physical Frailty: A Model for Complex Systems. *Alzheimer's and Dementia: Translational Research & Clinical Interventions*. eCollection 2020. PubMed PMID: 32685657; PubMed Central PMCID: PMC736221
- Winship JM, Falls K, Gregory M, Peron EP, Donohoe KL, **Sargent L**, Slattum PW, Chung J, Tyler CM, Diallo A, Battle K, Parsons P. A case study in rapid adaption of interprofessional education and remote visits during COVID-19. *J Interprof Care*. 2020 Sep-Oct;34(5):702-705. doi: 10.1080/13561820.2020.1807921. Epub 2020 Aug 24. PubMed PMID: 32838597.
- Roman, Y. M., Dixon, D. L., Salgado, T. M., Price, E. T., Zimmerman, K. M., **Sargent, L.**, & Slattum, P. W. (2020). Challenges in pharmacotherapy for older adults: a framework for pharmacogenomics implementation. *Pharmacogenomics*. Jun; 21(9):627-635. Doi: 10.2217/pgs-2019-0198. Epub 2020 May19. PubMed PMID: 32425117
- *Satone, V. K., Kaur, R., Leonard, H., Iwaki, H., **Sargent, L.**, Scholz, S. W., Alzheimer's Disease Neuroimaging Initiative, Nalls, M.A., Singleton, A., Faghri, F., Campbell, R.H. (2019). Predicting

- Alzheimer's disease progression trajectory and clinical subtypes using machine learning. *bioRxiv*, 792432.
- Zimmerman KM, Linsky AM, Donohoe KL, Hobgood SE, **Sargent L**, Salgado TM. An Interprofessional Workshop to Enhance De-prescribing Practices Among Health Care Providers. *J Contin Educ Health Prof*. 2020;40(1):49-57. doi:10.1097/CEH.0000000000000280. PubMed PMID: 32149948
- ***Sargent, L.**, Nalls, M., Amella, E.J., Mueller, M., Lageman, S.K., Bandinelli, S., Colpo, M., Slattum, P.W., Singleton, A., Ferrucci, L. (2018). Anticholinergic Drug Induced Cognitive and Physical Impairment: Results from the InCHIANTI Study. *The Journal of Gerontology: Medical Sciences* PMID:30590397
- Sargent, L.**, Nalls, M., Starkweather, A., Hobgood, S., Thompson, H., Amella, E. J., & Singleton, A. (2018). Shared biological pathways for frailty and cognitive impairment: A systematic review. *Ageing Research Reviews*, 47, 149–158. PMID: 30102995
<https://doi.org/10.1016/J.ARR.2018.08.001>
- +Oliveira, T., Starkweather, A., Ramesh, D., Fetta, J., Kelly, D. L., Lyon, D. E., & **Sargent, L.** (2018). Putative mechanisms of cognitive decline with implications for clinical research and practice. *Nursing Forum*. doi: 10.1111/nuf.12247 PMID 29345733
- [I]Davis, K., **Sargent, L.**, & Menzies, V. (2017). Community-based care of the fibromyalgia patient: Strategies to promote self-management. *Home Healthcare Now*, 35(7), 2-10. doi: 10.1097/NHH.0000000000000570 [I] PMID: 28650366
- Starkweather, A., **Sargent, L.**, Nye, C., Albrecht, T., Cloutier, R., & Foster, A. (2017). Progressive Assessment and Competency Evaluation Framework for Integrating Simulation in Nurse Practitioner Education. *The Journal for Nurse Practitioners*, 13(7), e301-e310. doi:10.1016/j.nurpra.2017.04.012.
- Sargent, L.**, & Brown, R. (2016). Assessing the Current State of Cognitive Frailty: Measurement Properties. *Journal of Nutrition Health and Aging*. 21,(2) 152-160. doi: 10.1007/s12603-016-0735-9. PMID: 28112769
- ***Sargent, L.**, & Miles, E. (2016). Transforming the Classroom with Tablet Technology. *Nurse Educator*. 41, (6), 309-312. doi: 10.1097/NNE.0000000000000278 PMID: 27232371
- +**Sargent, L.**, & Olmedo, M. (2013). Meeting the Needs of New-Graduate Nurse Practitioners: A Model to Support Transition. *Journal of Nursing Administration*, 43(11), 603-610. doi: 10.1097/01.NNA.0000434506.77052.d2. PMID: 24153203
- Ritchie, L.J.** (2004). Concept of Threat for a New Era. *Nursing Forum*. 39(3), 13-22. PMID: 15551795

Books and/or Chapters

- Crouse, E.L., Peron, E.P., Zimmerman, K.M., **Sargent, L.J.**, Hobgood, S. (2022). Alzheimer's Disease. In J.T. DiPiro, *Pharmacotherapy: A Pathophysiologic Approach. Edition 12e* (Chapter 71). New York, NY: McGraw Hill, Inc.
- Sargent, L.J.** (2018). Functional Ability. In J.F.Giddens, *Concepts for Nursing Practice. Third Edition* (pp. 13-20). St. Louis, MI: Elsevier, Inc.
- Sargent, L.J.** (2015). Functional Ability. In J.F.Giddens, *Concepts for Nursing Practice. Second Edition* (pp. 13-20). St. Louis, MI: Elsevier, Inc.

INNOVATIONS

DIVER: Data file, Inventory, and Verification Environment for Research

<https://drive.google.com/file/d/1EMVnFGSvEDZu5BBD8kEEgP2YkKonUJMk/view>

Created in collaboration with NIA, CARD for organizing and searching for NIH/NIA datasets. Sargent, L.J., Hirotaka, I., Ballard, S., Nalls, M. and Syed Shah.

FUNDED RESEARCH

- 2023 - 2028 MPIs Chung, J & **Sargent, L**, Life-space and Activity Digital Markers for Detection of Cognitive Decline in Community-Dwelling Older Adults: The RAMS Study. NIH/National Institute on Aging (R01AG082251, \$3,117,182)
- 2020-2024 Co-Investigator, **Sargent, L.** (Shah, PI) Global Prevalence of Transthyretin Amyloid Cardiomyopathy (ATTR-CM) in Participants with Heart Failure with Preserved Ejection Fraction (HFpEF) Pfizer study B3461087
- 2021-2024 Administration for Community Living. U.S. Department of Health and Human Services. **Sargent, L.**, Zanjani, F., Berman, B. (MPI) Richmond Brain Health Initiative: Behavioral Health Intervention Health Coaching for Alzheimer's and Related Disease Risk Reduction (90ADPI0085, \$1,175,107)
- 2022-2023 Co-Investigator, **Sargent, L.** (Rhodes, PI) Centers for Disease Control (CDC) Virginia Department of Health (VDH) BOLD Act Pilot Funding. Virginia Alzheimer's Disease and Related Dementias Registry (CDC, \$82,085)
- 2021-2022 Multiple- Principal Investigator, **Sargent, L.** Richmond Brain Health Initiative. VCU Community-Engaged Research Impact Grant: Health Equity Grant (\$25,000)
- 2021-2022 Multiple- Principal Investigator, **Sargent, L.** Using 24-hour ambulatory blood pressure monitoring (ABPM) to examine the association between blood pressure phenotypes and cognitive impairment among African Americans. Center on Healthy Aging Behaviors and Longitudinal Investigations (P30AGO66619, NIH-NIMHD Pilot, \$33,053)
- 2021-2022 Principal Investigator, **Sargent, L.** The Association of Ambulatory Blood Pressure Phenotypes with Cognition in Community-Dwelling Older Adults. CCTR Endowment Fund, Funded by the NIH-funded Center for Clinical and Translational Research (U54 MD010723, \$48,791)
- 2020-2023 Principal Investigator, **Sargent, L.** Alzheimer's Disease Progression and Resiliency Prediction National Institute of Aging (NIA), Division of Neurogenetics: Intergovernmental Personnel Act (IPA) (Grant # 5400866FD, \$94,703)
- 2020-2021 Principal Investigator, **Sargent, L.** Barriers for the Detection of Dementia: Exploring Geriatric Needs and Healthcare Underutilization in Latino/a Older Adults, School of Nursing Intramural Grants Program (IGP, \$2,000)
- 2020-2021 Co-Investigator, **Sargent, L.** (Chung, PI) Out-of-home mobility assessment in dementia patients/caregiver dyads, CCTR Endowment Fund, Funded by the NIH-funded Center for Clinical and Translational Research, Virginia Commonwealth University (UL1TR002649, \$50,000)
- 2020 Co-Investigator, **Sargent, L.** (Parsons, PI) Virginia Commonwealth University COVID Rapid Response Grant, The lived experience of older adults during COVID-19, Project period: 5/1/20-10/31/20

- 2019-2020 Principal Investigator, **Sargent, L.** Socially Relevant Approaches to the Detection of Dementia in Older Adults in Community-Based Settings, VCU Presidential Research Quest Fund (PeRQ, \$50,000)
- 2018-2020 Principal Investigator, **Sargent, L.** Precision Health: Predicting Frailty National Institute of Aging (NIA), Division of Neurogenetics: Intergovernmental Personnel Act (IPA) (Grant # 5400866FD, \$70,311)
- 2018-2019 Co-Investigator, **Sargent, L.** (Price, PI) Cardiovascular Pharmacogenomics in Community-Dwelling Older Adults (Pilot-PI: U54 MD010723, NIH-NIMHD, \$24,917)
- 2018-2019 Co-Investigator, **Sargent, L.** (Mohanraj, PI) Accelerated Epigenetic Age and Frailty: Predictors of Hematopoietic Stem Cell Transplant Outcomes, Funded through VCU Presidential Research Quest Fund (PeRQ, \$50,000)
- 2018 –2019 Significant Contributor, **Sargent, L.** (Zimmerman, PI). Deprescribing Practices, Attitudes and Confidence Among Interprofessional Healthcare Providers. Geriatric Teaching Education (GTE, \$25,000)
- 2013-2016 Co-Investigator, **Sargent, L.** (Parson, PI) The Richmond Health and Wellness Program (RHWP) NEPQR HRSA Grant No UD7HP26044 (40%-2013-2015 10% -2015-2016, \$1,488,584.00)
- 2012-2013 Principal Investigator, **Sargent, L.** Transforming the classroom with tablet technology Funded through VCU Center for Learning Excellence (CTLE, \$25,000)
- 2012-2013 Project Faculty, **Sargent, L.** (Parsons, PI) Dominion Place Health and Wellness Program for Older Adults Council on Community Engagement, Internal Pilot Funding, VCU Council for Community Engagement.
- 2011-2013 Lead Faculty, **Sargent, L.** The VCU Donald W. Reynolds *Interdisciplinary* Partnership in Geriatric Education – Expansion of Educational Innovation
- 2011-2012 Principal Investigator, **Sargent, L.** Jessie B. Cox Charitable Foundation, Fairlawn Foundation. Outcomes for Post-Graduate Nurse Practitioner Residency in Community Health Program. (\$50,000)
- 2009-2011 Principal Investigator, **Sargent, L.** Massachusetts League of Community Health Centers, Mass AHEC. Post-Graduate Nurse Practitioner Residency Program Pilot (\$50,000)

Grants Under Review

- 2023-2026 Investigator, **Sargent, L.**, Frailty Associated Epigenetic Biomarkers in Allogeneic Hematopoietic Stem Cell Transplantation Patients (NIA \$426,938)
- 2024-2029 Co-Investigator, **Sargent, L.**, Leveraging Integrated Healthcare System Data to Investigate Health Disparities and Utilization Patterns Among Patients with Dementia with Lewy Bodies (NIA, \$141,269 sub-contract to VCU)

2023-2028 Co-Investigator, **Sargent, L.** (Zanjani, PI) Subjective Cognitive Decline: Coaching to Reduce Alzheimer's Disease Risk (NIA, \$3,258,187)

Foundation Funding

2023 Richmond Brain Health Initiative (RBHI) ADRD Caregivers. Frank D. Williams, Jr. Alzheimer's Fund through the VCU Health Department of Neurology, Parkinson's and Movement Disorders Center for Excellence. (\$5,000)

2023 Richmond Brain Health Initiative (RBHI) through the Medical College of Virginia (MCV) Foundation to The Anne Carter Robins and Walter R Robins Jr Foundation (\$20,000)

2023 Richmond Brain Health Initiative (RBHI) through the Medical College of Virginia (MCV) Foundation to Regirer (Request-25,000)

Submitted/Unfunded

2022 Principal Investigator, **Sargent, L.**, Cognitive Functioning in HEART Transplant Self-care: HEARTS Study. NIH/NHLBI PAR-21-038 (Submission September 28th, 2020)

2018 Grant P20 NR018078 (McGuire, PI), Pilot Project-002 (552) (Sargent, PI) P20 Center Grant: *Pilot Project Title: Chronic Disease Induced Anticholinergic Burden in Community-Dwelling Older Adults*. Submitted to the National Institute of Health (NIH), National Institute of Nursing (NINR). (Score 37)

2018 RFA-AG-19-002 R03 (Sargent, PI), *Project Title: Contributors to Cognitive Impairment in Frail Community-Dwelling Older Adults*. Submitted to National Institutes of Health (NIH), National Institutes of Aging(NIA). (revised for funded PeRQ)

2019 Alzheimer's and Related Disease Fund (ARDRAF), (Sargent, PI) *Project Title: Culturally Relevant Approaches to the Detection of Dementia Among Latina/o Older Adults in Community-Based Settings*. (revised for funded School of Nursing Intramural Grants Program (IGP))

2019 RFA-NS-19-026 R01- (Walker, PI), (Sargent, Co-I) *Project Title: The Influence of Modifiable Risk Factors on Neurodegeneration and Cognitive Decline after Mild TBI(s)*. (Score 59)

2020 Co-Investigator, **Sargent, L.** (Heyn, PI) *The Cerebral Palsy Aging Research Center (CPARC): Promoting Health and Function of Aging Adults with CP* Submitted to HHS ACL NIDILRR institute. (Scored 93/100)

2020 VCUHS Pauley Heart Center, (Sargent, Co-I) *Project Title: The Association of Ambulatory Blood Pressure Phenotypes with Cognition in Community-Dwelling Older Adults*. (Score 2) (revised for funded VCU Individual CCTR)

- 2021-2026 Co-Investigator, **Sargent, L.** (Zanjani, PI) Health Coaching to Reduce Alzheimer's Disease Risk: Addressing Health Risk Disparities in Socioeconomically Disadvantaged Racially Diverse Adults. NIA (Score 23)
- 2022-2026 Multiple- Principal Investigator, **Sargent, L.** Association of Cognitive Dysfunction with Nocturnal Blood Pressure Phenotypes in Treated Older Adults with Hypertension. Department of Defense W81XWH-21-PRMRP-IIRA (Score 2)

PRESENTATIONS

International (*data-base published)

- Nov., 2023 Leach, C., Gan, D., Brothers, A., **Sargent, L.**, Sys, S. The Promise and Challenges of Gerontologists Who Advance the Science of Community-Engaged Research. Gerontological Society of America Annual Meeting. Symposium. United States [Symposium]
- Nov., 2023 **Sargent, L.**, Dixon, D., Mackiewicz, M., Price, E. Genetic Variants Associated with Blood Pressure Phenotypes in Older Adults. Gerontological Society of America Annual Meeting. Symposium. United States [Poster]
- Sept., 2020. *Qu, T., Bigel, M., Varma, V., Bouhrara, M., **Sargent, L.**, Ferrucci, L. *The Aging Brain: Crossroad of Normal Aging and Dementia*. Gerontological Society of America Annual Meeting. Symposium. United States [E-Presentation]
- Sept., 2020 *Chung, J., **Sargent, L.**, & Brown, R. (2020, November 4-7). *Use of GPS tracking technology to measure mobility in older adults: A systematic review*. The Gerontological Society of America's 72nd Annual Scientific Meeting, United States [E-Poster Presentation]
- June., 2020 Mohanraj, L., Swift-Scanlan, T., **Sargent, L.**, Toor, A., Dozmorov, M. Relationship of Frailty and Cognitive Impairment to Hematopoietic Stem Cell Transplant Outcomes. Multinational Association of Supportive Care in Cancer (MASCC). San Francisco, CA [Poster]
- Jan., 2019 ***Sargent, L.**, Flattery, M., Price, E.T., Tirado, C., Starkweather, A., Shah, K., Salyer, J. (2020) *Anticholinergic Burden and Cognitive Impairment in Patients with Heart Failure*. International Society for Heart and Lung Transplantation. Orlando, FL [Poster]
- June, 2014 Dow, A., Boling, P.A., DiazGranados, D., **Sargent, L.J.**, Hobgood, S., Parson, P., Selby-Penczak, R., & Delafuente, J. "From Tabletop to Laptop: Making Interprofessional Collaboration Real". 7th International Conference All Together Better Health VII. Pittsburgh, PA [Presentation]
- June, 2014 Dow, A., Boling, P.A., DiazGranados, D., **Sargent, L.J.**, Hobgood, S., Parson, P., Selby-Penczak, R., & Delafuente, J. "The Richmond Health and Wellness Program (RHWP): Coordinating Care for Community-Dwelling Older Adults through Student-led Interprofessional Collaborative Practice (IPCP) Teams". 7th International Conference All Together Better Health VII. Pittsburgh, PA [Presentation]
- June, 2013 Parson, P.L., Ogbonna, K.C., **Sargent, L.J.**, Kovacs, P., Slattum, P., & Dow, A., "Integrating Interprofessional Education into a Health Hotspot", International Conference CAB IV: Interprofessional Collaboration: Transformative Change from the Classroom to Practice. Vancouver, British Columbia [Presentation]

National

- April, 2024 Trevor W. Sproule, Mackiewicz, M., Thacker, L., Price, E., **Sargent, L.**, Dixon, D.L., Association Between Blood Pressure and Cognitive Impairment in a Predominately Black Community-Dwelling, Older Adult Population. American College of Cardiology. [Poster]
- Jan, 2023. **Sargent, L.**, Matzke, C., Headley, S., Shockey, D., Cloutier, C., Burns, D., Ketchersid, K.,

- Daniel, J., Beaird, G., Giddens, J., Parsons, P. Building Blocks to a Successful Academic Faculty Practice Model. American Association of Colleges of Nursing Faculty Practice Conference. January 17th, 2024 [Presentation]
- April, 2023 **Sargent, L.**, Mackiewicz, M., Diallo, A., Chung, J., Mansion, N., Zanjani, F., Price, E. Transdisciplinary Team Science for Health and Wellness Across the Lifespan: Richmond Health and Wellness Program. Southern Gerontological Society. Symposium.
- April, 2023 Slattum, P.W., Falls, K., Parsons, P., Malone, C., Zanjani, F., **Sargent, L.**, Battle, K. Interprofessional Age-Friendly Practice in the Community Addressing Social Determinates of Health: The Richmond Health and Wellness Program. Southern Gerontological Society. Symposium.
- Feb., 2023 **Sargent, L.**, Parsons, P., Matzke, C., Headley, S., Shockey, D., Cloutier, C., Ray, K, Burns, D., Ketchersid, K., Giddens, J. Developing a Faculty Practice Partnership: Lessons Learned. American Association of Colleges of Nursing Future Doctoral Education Conference. Coronado, California [Poster]
- Nov., 2022 Rhodes, A.S., **Sargent, L.S.**, Zanjani, F. Differences in Community and Provider Stakeholders' Perceptions on Brain Health Service Gaps and Screening Needs. Gerontological Society of America Annual Meeting. Symposium. United States [Poster]
- Nov., 2022 **Sargent, L.**, Barrett, M., Nawaz, H., Mackiewicz, M., Roman, Y., Slattum, P., Hobgood, S., Price, E.P. Vulnerability to Anticholinergic Medication Associated Frailty in Low-Income Minority Older Adults. Gerontological Society of America Annual Meeting. Symposium. United States [Poster]
- Sept., 2021 **Sargent, L.**, Zanjani, F. Richmond Brain Health Initiative. Virginia Commonwealth University Geriatric Lunch and Learn Seminar. Richmond, VA [Presentation]
- Nov., 2021 **Sargent, L.**, Slattum, P., Brooks, M., Gendron, T., Mackiewicz, M., Diallo, A., ... Transdisciplinary, iCubed Health and Wellness in Aging. Bringing Transdisciplinary Aging Research from Theory to Practice. Gerontological Society of America Annual Meeting. Symposium. United States [Presentation]
- Nov., 2021 **Sargent, L.**, Lageman, S., Thacker, L., Russell, S., Mackiewicz, M., Price, E.T., Socially Relevant Approaches to the Detection of Dementia in Minority Older Adults, Gerontological Society of America Annual Meeting. Symposium. United States [Poster]
- May, 2021 *Winship, J., **Sargent, L.**, Waters, L., Zanjani, F. & Parsons, P. *The Lived Experience of Low-Income Older Adults During the COVID-10 Pandemic*. To be presented at the virtual American Geriatrics Society Annual Scientific Meeting. [E-Poster Presentation]
- Aug., 2020 ***Sargent, L.**, *Cognitive frailty: Evidence for the relationship between cognitive decline and physical frailty*. Academy of Spinal Cord Injury. United States [E-Presentation]
- March, 2020 Mohanraj, L., Swift-Scanlan, T., **Sargent, L.**, Toor, A., and Dozmorov, M. *Impact of Frailty and Cognitive Impairment on HSCT Outcomes*. 34th Annual Conference Southern Nursing Research Society. New Orleans, LA [E-Poster Presentation]
- April., 2020 Kinser, P., Jallo, N., Brown, L., Lapato, D., and **Sargent., L.** *Accelerating Behavioral Health Research with Biomarkers: Challenges and Opportunities*. 41st Annual Meeting & Scientific Sessions. San Francisco, CA [E-Presentation]
- April, 2013 **Sargent, L.**, Sarkweather, A., "Evaluating and Implementing Master's Essentials in the Curriculum Workshop" National Organization of Nurse Practitioner Faculties. Pittsburg, PA [Presentation]
- May 2013 Dow, A., Boling, P.A., DiazGranados, D., **Sargent, L.J.**, Hobgood, S., Parson, P., Selby-Penczak, R., & Delafuente, J. Presentation: "Successful Web-based Inter-Professional Learning and Evaluation on a Large Scale" Annual Scientific Meeting of the American Geriatrics Society (AGS). Grapevine, TX [Presentation]
- May 2013 **Sargent L.J.**, Parsons P, Dow A, Delafuente J, Boling P.A., Presentation: "Implementing A

Virtual Case System for Geriatric Interprofessional Education and Evaluation with Four Professional Schools”, American Geriatrics Society. Grapevine, TX [Presentation]

Regional

- Jan., 2024 **Sargent, L.**, Worthington. Dementia State Plan for the Virginia Governor's Conference on Aging. Virginia's New Dementia State Plan 2024-2027: Elevating Prevention, Richmond, VA [Presentation]
- Jan., 2023 Sargent, L., The 3 Ds: Delirium, Dementia, and Depression. VCU Health System Advanced Practice Seminar Richmond, VA [Presentation]
- March, 2021. Gregory, A., Miles, E., **Sargent, L.** (2021, March 26). The Simmons: An online case for geriatric assessment [Spark session]. VCU School of Medicine Virtual Health Sciences Education Symposium (VHSES). [E-Presentation]
- April., 2020 **Sargent, L.**, Worthington, G., *Virginia's Dementia State Plan 2020-2024. Aging Better Together: Building an Inclusive Aging.* Southern Gerontological Society Conference. Norfolk, VA [E-Presentation]
- June., 2019 **Sargent, L.**, Worthington, G., *Dementia State Plan: Dementia Plan and Importance for Researchers.* Statewide Virginia Neuroscience Initiative. Statewide [E-Presentation]
- July., 2019 **Sargent, L.**, *Insights and Interventions in Caring for our Frail Older Women.* VCU Health Women's Health Conference. Norfolk, VA [Presentation]
- Feb., 2019 **Sargent, L.**, Winship, J., *Teaching Team Communication: Motivational Interviewing for Interdisciplinary Care.* Emswiller Interprofessional Symposium. Richmond, VA [Presentation]
- Nov., 2018 ***Sargent, L.**, *Anticholinergic Drug Induced Cognitive Impairment and Physical Frailty.* Virginia Commonwealth of Virginia School of Pharmacy Research Seminar Guest. Richmond, VA [Presentation]
- Nov., 2018 ***Sargent, L.**, Nalls, M., Amella, E., Slattum, P., Mueller, M., Bandinelli, S., Tian, Q., Lageman, S., Singleton, A., Poster: *Clinical and Biological Predictors for Cognitive Frailty: A Population Predictive Model.* Gerontological Society of America Annual Meeting. Boston, MA [Poster]
- April, 2018 *Zimmerman, K., Donohoe, K., Linsky, A., Hobgood., S., **Sargent, L.**, Pre-conference workshop: *Tools and Strategies for Successful Deprescribing,* Virginia Geriatric Society Annual Meeting. Richmond, VA [Presentation-Workshop]
- March, 2018 Kinser, P., McGuire, D., Ameringer, S., Robins, J., Orr, S., **Sargent, L.**, Pre-conference Workshop: *Mentoring and Being Mentored: Resources for a Path to Successful Research Trajectories for Students, New Faculty, and Seasoned Researchers,* Southern Nursing Research Society (SNRS). Atlanta, GA [Presentation]
- March, 2018 ***Sargent, L.**, Presentation: *Biological Plausibility for a Novel Phenotype: Cognitive Frailty.* VCU Medical Grand Rounds. Richmond, VA [Presentation]
- June, 2017 ***Sargent, L.**, Starkweather, A., Hobgood, S., Thompson, H., Nalls, M., Singleton, A., Amella, E., *Establishing Biological Plausibility for Cognitive Frailty: A Systematic Review,* 21st IAGG World Congress of Gerontology and Geriatrics, San Francisco, CA [Poster]
- February 2016 **Sargent, L.**, *Cognitive Frailty: An Innovative New Area for Nursing Research,* Southern Nursing Research Society (SNRS). Williamsburg, VA [Poster]
- April, 2015 Alewine, S., **Sargent, L.**, Coe, T., Weiskittle, Rachel. Workshop: "Filling the Cracks with Coordinated Care: Addressing the Needs of Low Income" Southern Gerontological Society: Communities Engaging Again: A Two Way Street. Williamsburg, VA [Presentation]
- March 2013 Parson, P.L., Ogbonna, K.C., **Sargent, L.J.**, Kovacs, P., Slattum, P., & Dow, A., "Design of a Community-Based Interprofessional Clinic", Emswiller Interprofessional Symposium. Richmond, VA [Poster]
- March, 2013 ***Sargent, L.** "Exploring Teaching and Learning with the iPad" VCU Center

- for Teaching Excellence. Richmond, VA [Presentation]
- October, 2013 **Sargent, L.** “Endocrine Updates” Virginia Council of Nurse Practitioners’
Richmond Region Pharmacology Symposium. Richmond, VA [Presentation]
- March 2011 ***Sargent, L.J.** “Post-Graduate Nurse Practitioner Residency Program in
Community Health”, Northeast Regional Nurse Practitioner Conference. Worcester, MA
[Presentation]
- June, 2010 **Sargent, L.J.** “Geriatric Screening and Prevention” MGH Institute of Health Professions,
Massachusetts Academy of Family Physicians. Waltham, MA [Presentation]
- May, 2004 **Sargent, L.J.** “How to Identify Pain in Non-English-Speaking Patients”,
Lahey Clinic. Burlington, MA [Presentation]
- June, 2003 **Sargent, L.J.** “Proper Use of Over the Counter Medications”, Rosie’s Place,
Boston, MA [Presentation]

PROFESSIONAL SERVICE

Reviewer for Journal Manuscripts/Textbook Chapters/Conference

Manuscript Reviewer, <i>Clinical Interventions in Aging</i> (7.452 IF)	2017
<i>Clinical Interventions in Aging</i> (2.505 IF)	2018
<i>Annals of Epidemiology</i> (2.804, IF), <i>Gerontologist</i> (3.231 IF)	2019
<i>Brain</i> (11.814 IF), <i>Alzheimer’s and Dementia</i> (17.127 IF)	2020
<i>Journal of Prevention & Intervention in the Community</i> -Special issue (0.252 IF)	2020
<i>Brain Sciences</i> (3.33 IF)	2023

SERVICE

Committee	Participation	Date
<u>School of Nursing Service</u>		
Appointment, Graduate Faculty University	Member	2022
Appointment, Promotion and Tenure	Member	2022-present
Grievance Committee, Elected	Member	2022-present
PhD Curriculum Committee	Member	2021-present
Faculty Assembly, Elected	Secretary	2020-2022
Master Curriculum Committee	Chair	2013-2015
Master’s Program Committee, Elected	Member	2012-2013
Grievance Committee, Elected	Alternate	2012-2020

University Service

Medical School Tenure Committee	Member	2023
Faculty Senate, Elected	Alternate	2017-2021
School of Nursing Chair Search Committee	Member	2021
VCU Medical Center	Member	2011-2015
Nurse Practitioner Fellowship Program Committee		
URO- Undergraduate Research Opportunities Program	Grant Reviewer	2020 & 2021

Regional

Alzheimer’s Disease and Related Disorders Commission Commonwealth of Virginia	Chair Vice Chair	2023 2020-2023
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	Appointed Member	2018- 2019
Alzheimer’s and Related Diseases Research Award Fund (ARDRAF) Center on Aging	Grant Reviewer	2021-2023
Alzheimer’s Association, Greater Richmond Medical Community Relations Work Group	Member	2017-2018
Geriatric Training and Education Initiative Commonwealth of Virginia	Lead Grant Reviewer	2015
Geriatric Training and Education Initiative Commonwealth of Virginia	Grant Reviewer	2014
Virginia Council of Nurse Practitioners	Member	2011-Present
Massachusetts League of Community Health Centers Advisory Board Member	Member	2009-2011
Massachusetts League of Community Health Centers Responsible for guiding the clinical initiatives	Member	2004-2011

National

National Institute of Health/National Institute of Aging Study section reviewer Neurological, Aging and Musculoskeletal Epidemiology Study Section	Study section reviewer	2020, 2022
National Institute of Health/National Institute of Aging Aging Systems and Geriatrics (ASG) study section Aging and Neurodegeneration Review Branch	Study section reviewer	2023

International

FIN-RER Health Research Programme of Emilia Romagna Region, Italy Study section reviewer		2020
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ACADEMIC TEACHING

Undergraduate

Community Health Nursing (NURS 416) – Geriatric lecture content

Masters

Course Design/Redesign

Adult-Gerontology Primary Care (NURS 661) 4 credits, Instructor (2011-2015) Provides content on the management of health and illness changes throughout the adult lifespan. Focuses on increasing the student's knowledge and clinical decision-making skills in order to provide health screening, identify health promotion needs and accurately diagnose and manage common health problems in adult and gerontology patient populations. **Course Redesign: flipped classroom with iPad interactive team-based case studies**

Advanced Gerontology Primary Care Across the Care Continuum (NURS 617) 4 credits, Instructor (2017-2019) In this course, students will further examine and integrate physiological, psychological, and sociocultural processes associated with normal aging. Relevant theories, concepts, and research findings from the behavioral, social, and biological sciences are analyzed as a basis for advanced nursing practice with older adults and their families. Emphasis is placed on enhancing the

individual's health within the context of their functional capabilities, social support networks and environment. Important geriatric care models for effective practice with older adults across the care continuum: coordinated care, transitions of care, and complex care management are reviewed.

Course Design: new course development

Diagnosis and Management in Adult-Gerontology Primary Care I (NURS 615) 3 credits, Instructor (2016-2018). Provides content on the primary care management of health and illness changes throughout the adult lifespan. This course focuses on increasing the nurse practitioner student's knowledge and clinical decision-making skills in order to provide health screening, identify health promotion needs and accurately diagnose and manage common health conditions across the adult life span. Emphasis is placed on developmental, prevention, pathophysiological, pharmacological, and critical thinking skills in the management of common complex and multisystem disorders.

Course Design: new course development

Diagnosis and Management in Adult-Gerontological Acute Care I (NURS 618) 3 credits, Instructor (2018). Provides content on the management of adult and geriatric patients and populations who are physiologically unstable, technologically dependent, and/or highly vulnerable to complications. The focus of this course is on increasing students' acute care knowledge and decision-making skills to accurately assess, diagnose, and manage complex acute, critical, and chronically ill or injured adult and geriatric patients. **Course Design: new course development**

Gero-Pharmacology (NURS 620) 1 credit, Instructor

(2018) Interprofessional teaching with the Geriatric Pharmacotherapy Program, Krista L. Donohoe, BCPS, BCGP & Elvin T. Price, Pharm.D., Ph.D., F.A.H.A.

This course refines the knowledge of pharmacotherapeutics needed by the advanced practice nurse for the safe pharmacological management of common patient problems in older adults. Emphasis is placed on the interprofessional team, including families and caregivers, as an essential component of care for older adults. **Course Design: new course development**

Advanced Pathophysiology (NURS 504) 3 credits, Instructor

(2020) Focuses on the biological and pathophysiological foundations of health problems across the life span. Uses biologic changes underlying selected health risks and health problems as a framework for critically appraising health assessment data and for understanding advanced nursing therapeutic strategies. **Course Redesign: to an online format**

Masters

Content Expert: Geriatrics and Data Science

Geropharmacology (GRTY 610), 1 credit, (2014) Co-Instructor, Interprofessional teaching with the Geriatric Pharmacotherapy Program, Patricia Slattum, PharmD, Ph.D., CGP

Advanced Health Assessment (NURS 511), Instructor clinical lab (2011), Guest Lecture: Health assessment of the older adult (2016-2020)

Methods in Data Science (HGEN 612), 3 credits, (2020 & 2022), Instructor: classification machine learning models for disease prediction population health studies

Diagnosis and Management of Psychiatric Disorders Across the Life Span (NURS 659/656), Guest Lecture: Geropsychiatric care

Health Promotion and Disease Prevention Across the Lifespan (NURS 501/507), Guest Lecture: Adult and Adolescent Immunizations (2012)

PhD

Course Design/Redesign

Analysis and Construction of Theory for Nursing Research (NURS 704), 3 credits, Instructor (2020-2021) This course focuses on the analysis and critique of theoretical and conceptual foundations of research and the developmental processes associated with constructing nursing disciplinary knowledge. Emphasis is placed on the processes for concept and theory development within the

context of a research trajectory relevant to the discipline. **Course Design:** teaching platform course redesign

Philosophy of Human Sciences (NURS 703), 3 credits, Instructor (2021,2022) Critically analyzes philosophic perspectives and their relationship to human sciences; emphasizes analysis of the underlying epistemology and ontological assumptions of various philosophies. Explores philosophies of science and their influence on the emergence of knowledge in the human sciences, using nursing science as an example. **Course Design:** teaching platform course redesign

Practicum in Nursing Research (NURS 797), Variable hours. 1-3 credits, Instructor

This course focuses on the development of skills and techniques for the conduct of research through active participation in either an ongoing faculty research project or an element of the student's research area. The practicum is structured individually through discussion with the supervising faculty member. Emphasis is on the practical application of research skills and growth in knowledge related to the conduct of research. Online course with synchronous sessions.

Directed Research Experience (NURS 796), Variable hours. 1-9 credits. A minimum of 2 credits is required by the completion of course work. Prerequisite: admission to the doctoral program in nursing and permission of the instructor. Provides a mentored research experience in areas of faculty research expertise. The purpose of this course is to increase the student's exposure to and involvement in research under the direction of a graduate faculty member who is actively engaged in a research project. This mentored research experience will be developed under the supervision of a member of the graduate faculty. May be taken in the semester(s) the student is preparing for the comprehensive exam and for dissertation preparation prior to admission to candidacy.

Interprofessional

Motivational interviewing (MI) for communication with older adults for chronic disease management. Course: Richmond Health and Wellness clinical rotation: Twice a semester I co-teach motivational interviewing to nursing (undergraduate/graduate), pharmacy, and OT/PT students rotating through the Richmond Health and Wellness Program. We have examined the teaching efficacy of team-based MI and published the results.

Dissertation advisement

Committee Chair/Advisor

Kenya Fluellen, (2019-present) working dissertation title: *The role of stress in hospital discharge for patients with limited English proficiency*. VCU School of Nursing.

Keri Baker, (2020-present) dissertation title to be named.

Kim Davis, (2019-present) working dissertation title: *Impact of Financial Health Literacy on Self-Management in Community-Dwelling Older Adults*

Committee Member

Rachel Wood, (2019-2022) *Exploring nurse loneliness as a factor in suboptimal wellbeing*. VCU School of Nursing.

DNP advisement

Committee Member

Martha Purvis, DNP, FNP (2021)-ongoing, *Risk Stratification and Functional Status*
VCU School of Nursing

Miguel Olmedo, DNP, FNP (2010)- *Meeting the Needs of New-Graduate Nurse Practitioners: A Model to Support Transition*, Massachusetts General Hospital School of Nursing

Master's Thesis advisement

Committee Member

Syeda Rehma Hashimi, PharmD (2020), *Anticholinergic Burden and Risk of Cognitive Impairment in Older Adults*, VCU School of Pharmacy

Committee Chair

Chinh Doan, MS (2022), *Frailty and Genomics*, VCU School of Medicine, Department of Human and Molecular Genomics

Undergraduate Research Scholar's Program

Hannah Khan, VCU School of Nursing Research Scholars Program (2022-2023), *Scoping review promoting health and research literacy for minoritized populations*.

Muhamad Barbar, College of Humanities and Sciences: Biochemistry Department VCU (2022-2023), *Exploratory and Descriptive Scoping review and cohort study: Cognitive dysfunction in Cardiac Amyloidosis Patients at VCUHS*.

Camilla Tirado, Department of Psychology, VCU (2018-2019), *Anticholinergic Burden and Cognitive Impairment in Patients with Heart Failure*, publication 2020

DOI: [10.1016/j.apnr.2020.151375](https://doi.org/10.1016/j.apnr.2020.151375) and *iCubed Program Scholar, Undergraduate Research symposium 2019*

Rusha Patel, Department of Biology, concentration in pre-pharmacy, VCU (2019-2021), *Medication Risk and Polypharmacy in Minority Adults* [Poster]. *iCubed Program Scholar, Health and Wellness Core at Virginia Commonwealth University*. May 2020.

Lived Experience of COVID-19 for Older Adults, *iCubed Program Scholar, Undergraduate Research symposium* [Poster]. May 2021

Jonice Smitherman, Department of Psychology, concentration in pre-medicine, VCU (2019-2021), *Determining Risk Factors for Cognitive Impairment in Community-Dwelling Older Adults*, [Poster]. *iCubed Program Scholar, Health and Wellness Core at Virginia Commonwealth University*. May 2020.

Cognitive and Motor Impairment in Spinal Cord Injury: A Call for New Understanding [Poster]. *iCubed Program Scholar, Health and Wellness Core at Virginia Commonwealth University*. May 2021

Research Seminars - Invited

University of Connecticut Faculty Nursing Research Seminar Program, *Biological Plausibility for a Novel Phenotype: Cognitive Frailty* [Presentation], 2019

Virginia Commonwealth University School of Pharmacy, Faculty Nursing Research Seminar Program, *Anticholinergic Drug-Induced Cognitive Impairment, and Physical Frailty* [Presentation], 2018

Virginia Commonwealth University Health System Grand Rounds, *Cognitive Frailty for Clinical Providers*, [Presentation], 2018

Community Education – Invited

Virginia Commonwealth University School of Pharmacy's Center for Pharmacy Practice Innovation, *Living Under Pressure: Hypertension Prevention and Management*, [Presentation], 2021

Lewis Ginter Botanical Garden Community Education Series, *When Less is More: The Art and Science of Deprescribing Medications*, [Presentation], 2019