

January 14, 2022

The McKnight Brain Research Foundation
c/o Ms. Melanie Cianciotto
Vice President for Foundations and Endowments
SunTrust Bank
333 Garland Avenue, 15th Floor
Orlando, Florida 32801

Dear McKnight Brain Research Foundation Trustees,

I am excited to provide the following update regarding the Evelyn F. McKnight Brain Institute at UAB's progress over the past year. With your invaluable partnership, our faculty have been able to launch exciting new initiatives, such as the Brain Health Advocacy Mission and new studies regarding the impact of exercise and gut health on hypertension and cognitive aging, while building on their existing foundation of innovative research. We cannot thank the McKnight Brain Research Foundation enough for your transformative support of this vital work.

If you have any questions or need any additional information, please do not hesitate to contact me or Melanie A. Armstrong, Director of Donor Relations and Engagement, at (205) 996-5600, or by email at melaniek@uab.edu. On behalf of everyone who continues to benefit from the McKnight Brain Research Foundation's remarkable generosity, thank you for all that you do.

Sincerely,



Tom Brannan
Vice President for Advancement

TIB/wll

The Evelyn F. McKnight Brain Institute

Preserving Memory, Enhancing Life

Annual Report

2021



Ronald M. Lazar, PhD, FAHA, FAAN
Professor of Neurology and Neurobiology
Evelyn F. McKnight Endowed Chair of Learning and Memory in Aging
Director, UAB Evelyn F. McKnight Brain Institute
Director, Division of Neuropsychology (Neurology)
Department of Neurology

Erik D. Roberson, MD, PhD
Rebecca Gale Endowed Professor
Associate Director, Evelyn F. McKnight Brain Institute
Director, Center for Neurodegeneration and Experimental Therapeutics
Director, Alzheimer's Disease Center
Department of Neurology

The University of Alabama at Birmingham
Sparks Center – SC650K
1720 7th Avenue South
Birmingham, Alabama 35294

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January 5, 2022

Board of Trustees, The McKnight Brain Research Foundation

It is with great pleasure that we submit our 2021 Annual Report for the McKnight Brain Institute at UAB.

UAB McKnight continues to emerge from the 2020 COVID lockdown with resumption of research and programmatic activities, as well as with new intra-and inter-institutional collaborations. To the already extensive relationships across the UAB community, we added new faculty and projects involving the UAB Department of Biomedical Engineering, the UAB School of Nursing, the UAB Department of Family Practice and Community Medicine, and the UAB Callahan Eye Hospital. Despite retirements and transitions to new institutions, we now have 56 affiliated faculty across seven UAB schools. The importance of these alliances lies in the notion that innovation comes from multidisciplinary teams. As a part of the most diverse research institution in the United States, the UAB McKnight is dedicated to increasing the presence of underrepresented minorities (URM's) as both research investigators and research participants.

We remain firmly committed to aims and objectives related to age-related cognitive decline and memory loss, with ongoing animal models but increased programmatic emphasis on human application, both with respect to demonstrations of proof-of-principle and clinical application. We have taken the position that the most effective means of mitigating cognitive and memory decline is through primary prevention. To this end, we chaired the AHA initiative to put brain health into primary care, served as the primary and senior author on the 2021 AHA Scientific Statement, and received IRB approval to implement a pilot project in two UAB Family Medicine Clinics in the Birmingham Metro area. At each site, a nurse practitioner will administer a Brain Care Score, establish a risk factor and lifestyle profile, implement a plan for gradual change, and then follow patients for one year. There are several ongoing projects involving exercise and cognitive-training interventions, the REGARDS study continues to provide valuable insights into risk for cognitive decline, and the cognitive impact of systemic illness is being evaluated in several disease models to determine ways to block the proposed effects of inflammation. Animal models are informing us regarding epigenetic mechanisms in the hippocampus and gut-brain interactions in the context of cognitive aging. The grants in the appendix document awards that directly address McKnight goals, or contribute methodologically, mechanistically or technologically toward applications that will address McKnight objectives in the future.

We anticipate continuing within this overall framework over the coming year.

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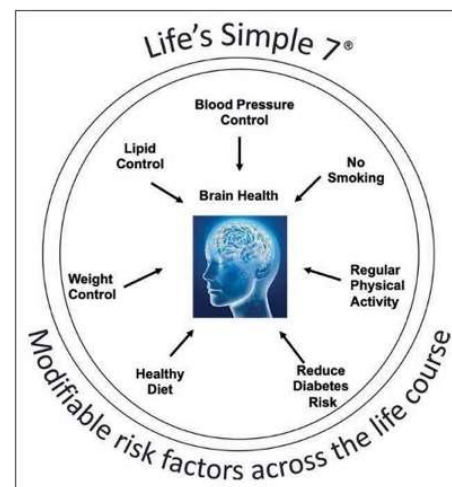
HEERSINK
SCHOOL OF MEDICINE

Ronald M. Lazar, PhD
Evelyn F McKnight Endowed Chair/Professor of Neurology & Neurobiology
Department of Neurology / Division of Neuropsychology

Sparks Center, Suite 650K | 1720 7TH AVE SOUTH Mailing Address: SC 650 | 1720 2ND AVE SOUTH | BIRMINGHAM AL 35294

Institute FY21 at-a-Glance

Our most important new initiative was the UAB McKnight-funded, Brain Health Advocacy Mission (BHAM). As we age, there is increasing compromise of neuronal activity that affects cognition, making the brain vulnerable to disease. Once pathology-induced decline begins, few therapeutic options are available. Prevention is therefore paramount, and primary care can play a critical role. The objective of this project is to begin a phased-in process of implementing brain health into targeted venues in the UAB Family and Community Medicine system. In 2017, the American Heart Association (AHA)/American Stroke Association issued a presidential advisory on defining brain health that included “Life’s Simple 7” (See Figure) as a follow-up to an earlier statement on the promotion of cardiovascular health. The goal was to provide a model for defining brain health in highly quantifiable terms and to suggest specific therapeutic targets for preventive intervention that included risk factor management and lifestyle changes. In March 2021, the AHA published a Scientific Statement, entitled “A Primary Care Agenda for Brain Health, chaired by **Dr. Lazar** (See Appendix 2, Publications). The 2021 Statement amplified the “Life’s Simple 7” strategy with the inclusion of alcohol consumption, social engagement, hearing, mood (depression) and education. Additionally, new data demonstrate that failure to control risk factors much earlier in the lifespan impacts later life cognitive decline and dementia. Thus, brain health as a goal is a life-long endeavor.



To this end, we have assembled a brain health team with expertise in risk factor targets, mental health, community relations, physical activity, technology, and cognition. As a first step, we have received IRB approval to have advanced practice providers from the School of Nursing, under the supervision of Pamela Bowen, PhD, CRNP, FNP-BC, BBA, who serve as brain health advocates in two UAB Family Practice clinics in the Metro-Birmingham area, working with individual patients and family members. Our team has begun to fashion an implementation strategy encompassing culturally appropriate messaging, which is being facilitated by focus groups in the community. As an outcome measure, we are using the McCance Brain Care Score (See below, collaborative programs with non-McKnight Institutes). To bring this endeavor to scale we are developing the BHAM app, with the longer-term goal to extend this program throughout the state of Alabama, where risk for cognitive decline is among the highest in the United States. We are also seeking philanthropy and other sources of support to achieve sustainability under the administrative guidance of Jessica Lane, BHAM Program Director.

Funded by a new pilot grant from the McKnight Brain Research Foundation (**Lazar, Contact PI**), there is a collaboration among **UAB McKnight, the UAB Callahan Eye Hospital, UMiami McKnight and the UMiami Bascom-Palmer Eye Institute** to study the effect of exercise on hypertension in older men and women. It is well known the HTN is a major risk factor for cognitive decline as result of increased white matter hyperintensities and a loss of microvascular density (rarefaction) in brain tissue. The premise is that exercise will increase growth factors (IGF-1), which will increase microvascular density, thereby reducing hypertension and improve cognition. The innovative aspect of this project is the use of Optical Coherence Tomographic Angiography (OCT-A) as a non-invasive tool to measure retinal vascular density.

The McKnight Brain Research Foundation has as its mission to better understand and alleviate age-related cognitive decline and memory loss. Since its founding in 1999, the MBRF has supported state-of-the-art research at its four affiliated institutions. The work it has underwritten has appeared in world-class, peer-reviewed journals and has influenced thinking about cognitive aging in the absence of brain disease. The matter arises, however, as to the generalizability of this research to the rapidly changing demographics in the US, especially Spanish-speaking groups. The purpose of a proposed collaboration between **UAB (Lazar, Contact PI) and UMiami (B Levin, Site PI) McKnight Brain Institutes** is to address this gap for multi-site studies by adapting and validating the use of telephone-administered, cognitive measures for Spanish-speaking individuals.

As the population of the United States ages, so too does its workforce. With aging, however, comes possible changes in cognition that can impact an older adult's competence, including that of healthcare providers. A sensible method to establish whether cognitive decline is present in an aging medical professional would be to administer a neuropsychological (cognitive) test battery. Current normative data for neuropsychological measures, however, are adjusted for age and meant to represent the average cognitive ability of the general population. But, given that age-adjusted norms do not well predict real-world occupational functioning and that medical professionals possess cognitive ability well above that of the general population, the generalizability of current neuropsychological norms to this population are not valid. In a new grant funded by the University of Alabama Health Services Foundation Endowment Fund, **Dr. Lazar (PI)** is addressing this limitation by obtaining normative data for medical professionals at the University of Alabama at Birmingham (UAB). To accomplish this goal, Dr. Lazar and his team will administer a comprehensive neuropsychological battery to 216 medical professionals across four, broad medical subspecialties. Average performance of the sample will then be used to construct normative data.

To date, there have been few prospective studies of incident silent brain infarction and cognitive trajectories. **UAB (Lazar, MPI)** and Stanford (Lansberg, MPI) are collaborating in an NINDS-funded project to determine in a nationwide study whether apixaban or aspirin is more effective in reducing the number of these silent events, and in turn, result in better cognition.

In another new, pilot grant from the McKnight Brain Research Foundation **Drs. Hernandez (Contact PI), Carter and Buford (UAB) and Bizon and Burke (UFlorida)** were funded in a project, entitled, "Reuniting the Brain and Body to Understand Cognitive Aging: The Nexus of Geroscience and Neuroscience." The purpose of this project is to study gut-brain interactions in the context of cognitive aging. Gut health influences cognitive outcomes, and alterations in brain health are often accompanied by impaired intestinal function. As gut health is likely a modifiable factor mediating cognitive resilience, several potential mechanisms of the bidirectional interactions across the gut-brain axis warrant further investigation. The ultimate goal of this study is to determine if novel therapeutic strategies targeting the gut can improve age-related cognitive decline in a validated rodent model of aging.

Dr. Kristina Visscher and her collaborator Lesley Ross at Clemson have completed a project funded by NIA, entitled, "Elucidating the Necessary Components and Mechanisms of Cognitive Training." Loss of independence, difficulties in everyday function, cognitive decline, Mild Cognitive Impairment (MCI), Alzheimer's Disease (AD) and Alzheimer's Disease Related Dementias (ADRD) are areas of great concern for older adults and their families. From a public health perspective, successful efforts that enable older adults to age within their homes, as compared to nursing homes, will save an estimated \$80 billion dollars per year. Cognitive training is a low cost, noninvasive intervention that has repeatedly demonstrated reliable transfer effects

to maintained cognition, everyday function, and health. Their overall objective in this planning grant was to lay the conceptual and methodological foundation to identify cognitive, psychosocial, lifestyle behaviors, biomarker, and neural mechanisms of two forms of conceptually driven cognitive training. Additionally, they examined how cognitive and psychosocial factors within daily life account for the transfer of cognitive training to everyday function. They used a factorial design to randomize adults ages 45-90 to 10, 20, 30, or 40 hours of two forms of cognitive training, a combined training, or an active control condition, allowing them to test the feasibility of their enrollment, assessment, and training protocols for a future multisite clinical trial. The data from this trial are now being analyzed.

Dr. George Howard is the founding PI of the REGARDS study, originally designed to examine risk factors for incident stroke in a population-based study enriched for African American Blacks and later generated important information relating to incident, age-related cognitive decline in the absence of frank neurological events, led by **Dr. Virginia Wadley**. Since its inception in 2003 with the support of NINDS, this study has been following 30,239 participants 45 years or older, living largely in the Stroke Belt across the Southeast US, and has generated more than 600 peer-reviewed papers, including more the 60 relating to cognition.

Based on pilot data from grant from the UAB McKnight Institute, **Dr. Farah Lubin** received new NIA funding focusing on the molecular genetic mechanisms that govern how gene expression programs control memory formation in the healthy brain. She will be investigating the contribution of the long non-coding RNA (lncRNA) Neat1 in astrocytes and identify the epigenetic mechanisms in these glia cells involved in enhancing memory resiliency with age. Within the aging hippocampus, it is now clear that abnormal epigenetic control of gene transcription contributes to memory deficits. Nearly all the suggested epigenetic mechanisms controlling memory formation have mostly been attributed to neuronal cells within the hippocampus, largely disregarding these mechanisms in astrocytes. Her long-term goal is to study the role of lncRNAs in astrocytes and to identify how these powerful epigenetic regulators impact memory formation with aging. Her pilot data demonstrated that Neat1 expression is decreased in area CA1 of young adult mice and overexpressed in aged mice. Furthermore, they demonstrated that inhibiting Neat1 expression in area CA1 of the hippocampus of aged mice reverses memory impairments. Based on these preliminary results, they plan to investigate the effects of manipulating Neat1 in astrocytes and determine effects on age-related memory decline. To gain further mechanistic insight into Neat1 mediated gene transcription in astrocytes in the aging hippocampus, they will use state-of-the-art approaches, such as CRISPR reprogramming and chemogenetics, to elucidate the epigenetic mechanisms in astrocytes in their aging animal model system.

In the UAB mission to promote diversity in the training of future investigators in science, **Dr. Farah Lubin serves as Director, Dr. Michelle Gray as Co-Director and 15 other UAB McKnight faculty** participate as mentors of the Roadmap Scholars Program devoted to the training of neuroscientists among underrepresented minorities (URM's). Toward this end, **Dr. Alecia Gross** received a Supplement award from the National Eye Institute for the support of Hailey Levi, an URM in her second graduate year in Cellular, Molecular and Developmental Biology. Building on their preliminary discoveries and data, Ms. Levi utilizes knock-out mice, recombinant adeno-associated viral expression, spatial genomics, and confocal microscopy to uncover critical protein and genetic changes involved in these processes. She has 10.3K followers on Tiktok @chaoticallyscience, a platform in which she is dedicated to helping and providing resources for URM's in STEM like herself. Because of this, she was recently tapped by Michael Langer at MacGillivray Freeman Films (the Academy Award winning Production company) to potentially be highlighted in an upcoming IMAX film highlighting the amazing science, scientists behind breakthroughs, and their influence in social media.

Summary of Major Achievements

Drs. Lazar, G. Howard, and V. Howard, along with the other investigators in the CREST-2 trial for treatment of asymptomatic carotid artery disease, showed that there is significant memory decline in the first 1,000 participants in this older cohort before treatment begins (Lazar, et al, 2021; see citation below). The relevance to the McKnight enterprise is that their severe carotid disease was discovered in a routine examination in which there were no other clinical problems. Thus, the assertion of age-related cognitive decline assumes no other discernable etiology, but accumulating data demonstrate cognitive effects of systemic conditions during aging that may be potentially treatable or even preventable causes of decline.

With pilot funding by UAB McKnight and the UAB Integrative Center for Aging Research, **Drs. Roy Martin, Richard Kennedy** and colleagues performed a retrospective study of 33,111 older adults ≥ 65 years of age admitted to UAB hospital from January 1, 2015 to December 31, 2019 to determine whether delirium during hospitalization predicted the occurrence of hospital-related disability (HAD), including cognitive decline. They found that delirium significantly increased the likelihood for the occurrence of HAD with a multivariate predictor model that included the number of comorbidities, demographics and length of stay. For cognitive decline and comorbidity, mediation analysis showed a significant portion of their effect attributable to delirium.



Provide the current MBI budget and an Endowment Investment Report

Evelyn F. McKnight Brain Institute FY2022 Budget			
Category	McKnight Institute Expenses	McKnight Chair Expenses	McKnight Behavior Core Expenses
Salaries and Benefits	\$ 100,000	\$ 20,000	\$ 15,000
Dr. Lazar Phone		\$ 700	
Travel & Meetings	\$ 2,000		
Subject Payments	\$ 6,000		
Supplies & Services	\$ 23,000		
Pilot Projects and UCEM Collaboration	\$ 19,000		
TOTAL	\$ 150,000	\$ 20,700	\$ 15,000

Evelyn F. McKnight Brain Institute Extramural Awards Summary

The Evelyn F. McKnight Brain Institute currently has active extramural awards of \$29,175,671 in direct awards and \$36,086,190 in total awards broken down as follows:

Federal	27,680,184
Foundations	265,953
Industry	33,671
Institutions	921,675
Misc Non-Federal	129,744
NP Agency/Assoc	144,444
Total Direct Awarded	29,175,671

A detailed report of grant awards is attached in Appendix 5.

Fiscal Year 2021 Expenditures

Description	MBRF Funds Expended
R. Lazar Salary	\$ 17,404
R. Lazar Cell Phone	\$ 661
A. Celka Salary	\$ 8,522
V. Hixon Salary	\$ 30,226
T. Myers Salary	\$ 30,870
P. Mehrzad Salary	\$ 4,843
H. Freeman Salary	\$ 1,425
A. Norling Support	\$ 20,885
Travel Expenses	\$ 516
Guest Lecturer	\$ 500
Supplies & Services	\$ 21,152
Subject Payments	\$ 5,695
Behavioral Core Salaries	\$ 19,786
Pilot Project Expenditures	\$ 8,148
UAB Center for Exercise Medicine Collaboration	\$ 10,094
Total	\$ 180,728

Annual Report
McKnight Brain Research Foundation
Sponsored Institutes and Research Programs
(Include activity of all McKnight supported faculty and trainees)
Report Period: 10/1/2020 – 9/30/2021

MCKNIGHT BRAIN INSTITUTE AT UAB

Cumulative Endowment Total

Book Value at 9/30/2021: \$15,964,073
Market Value at 9/30/2021: \$20,131,081
Projected Spendable Earnings for FY 2020/21: \$804,440

Evelyn F. McKnight Brain Institute Endowed Support Fund

Date Approved: 2/4/2011

Book Value at 9/30/2021: \$5,000,000
Market Value at 9/30/2021: \$6,300,800
Projected Spendable Earnings for FY 2020/21: \$237,969

Evelyn F. McKnight Endowed Chair for Learning and Memory in Aging

Date Approved: 10/1/2004

Current Occupant: Ronald M. Lazar, Ph.D.
Occupant Date: 9/15/2017

Book Value at 9/30/2021: \$1,500,000
Market Value at 9/30/2021: \$1,817,123
Projected Spendable Earnings for FY 2020/21: \$68,629

Geropsychiatry Research Chair

Date Approved: 6/28/1993

Designated Occupant: Junghee Lee, Ph.D.

Occupant Date: 3/1/2020

Book Value at 9/30/2021: \$1,222,896

Market Value at 9/30/2021: \$2,286,455

Projected Spendable Earnings for FY 2020/21: \$86,355

F. Cleveland Kinney Endowed Chair in Geriatric Psychiatry

Date Approved: 6/15/2007

Current Occupant: Adrienne C. Lahti, M.D.

Occupant Date: 4/6/2018

Book Value at 9/30/2021: \$1,503,940

Market Value at 9/30/2021: \$1,800,986

Projected Spendable Earnings for FY 2020/21: \$68,020

Warren Family Endowed Chair in Neurology

Date Approved: 6/15/2012

Current Occupant: David S. Geldmacher, M.D., FACP

Occupant Date: 11/4/2016

Book Value at 9/30/2021: 1,506,618

Market Value at 9/30/2021: \$1,898,982

Projected Spendable Earnings for FY 2020/21: \$71,721

Patsy W. and Charles A. Collat Endowed Professorship in Neuroscience

Date Approved: 4/4/2014

Current Occupant: Jeremy H. Herskowitz, Ph.D.

Occupant Date: 11/8/2019

Book Value at 9/30/200.: \$500,000

Market Value at 9/30/2021: \$612,690

Projected Spendable Earnings for FY 2020/21: \$23,140

Jarman F. Lowder Endowed Professorship in Neuroscience

Date Approved: 6/15/2012

Current Occupant: Vacant

Book Value at 9/30/2021: \$530,619

Market Value at 9/30/2021: \$693,170

Projected Spendable Earnings for FY 2020/21: \$71,041

Virginia B. Spencer Endowed Professorship in Neuroscience

Date Approved: 9/14/2012

Current Occupant: Craig Matlow Powell, M.D., Ph.D.

Occupant Date: 6/8/2018

Book Value at 9/30/2021: \$1,500,000

Market Value at 9/30/2021: \$1,819,285

Projected Spendable Earnings for FY 2020/21: \$68,711

Rebecca Gale Endowed Professorship

Date Approved: 6/7/2049

Current Occupant: Erik D. Roberson, Ph.D.

Occupant Date: 9/6/2019

Book Value at 9/30/2021: \$1,000,000

Market Value at 9/30/2021: \$1,175,868

Projected Spendable Earnings for FY 2020/21: \$44,410

Protective Life Endowed Chair in Healthy Aging

Date Approved: 6/4/2021

Current Occupant: Steven N. Austad, Ph.D.

Occupant Date: 9/1/2021

Book Value at 9/30/2021: \$1,500,000

Market Value at 9/30/2021: \$1,485,331

Projected Spendable Earnings for FY 2020/21: \$55,365

Patsy W. and Charles Collat Scholar in Neuroscience Endowed Support Fund

Date Approved: 4/10/2015

Book Value at 9/30/2021: \$200,000

Market Value at 9/30/2021: \$240,391

Projected Spendable Earnings for FY 2020/21: \$9,079

UAB EMBI Matching Funds			
Endowment Name	Date Established	Corpus as of 9/30/2021	Projected Spendable Earnings FY 21/22
Warren Family Endowed Chair in Neurology	6/15/2012	\$1,506,618	\$71,721
Patsy W. and Charles A. Collat Endowed Professorship in Neuroscience	4/4/2014	\$500,000	\$23,140
Jarman F. Lowder Endowed Professorship in Neuroscience	6/15/2012	\$530,619	\$26,180
Virginia B. Spencer Endowed Professorship in Neuroscience	9/14/2012	\$1,500,000	\$68,711
Rebecca Gale Endowed Professorship	6/7/2019	\$1,000,000	\$44,410
Protective Life Endowed Chair in Healthy Aging	6/4/2021	\$1,500,000	\$55,365
Patsy W. and Charles A. Collat Scholar Endowed Support Fund	4/10/2015	\$200,000	\$9,079
Total Matching Funds		\$6,737,237	\$298,606
Remaining UAB Match		\$0	

Investment Report

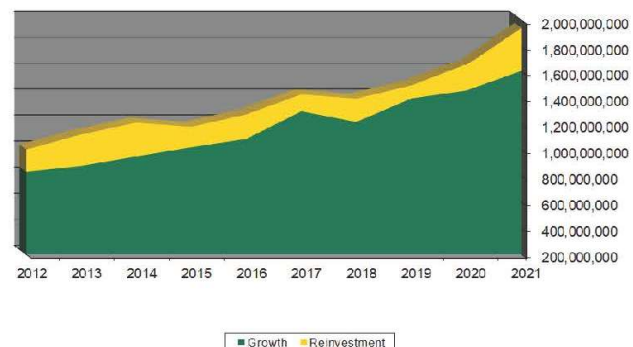
- Created in 1978, the University of Alabama Pooled Endowment Fund (UAPEF) is managed by the Chancellor's Office and is overseen by the Investment Committee of the Board of Trustees.
- As of September 30, 2021, the market value of the UAPEF was \$1.94 billion. Of this amount, 35.6 percent, or \$619.4 million, is attributable to UAB and the hospital.
- The UAPEF had a 10-year annualized investment return of 6.43 percent for the period ending September 30, 2021, compared to a return of 6.7 percent for the custom index.*
- The Investment Committee oversees investment activities, monitors performance of professional money managers, and ensures the prudent control of the investment of funds.
- Participants include all three campuses of the University of Alabama System along with related foundations.
- The Board seeks superior investment returns through professional money management. Assets of the UAPEF are managed by a variety of professional investment firms.
- The UAPEF also utilizes an investment consultant, Fund Evaluation Group, with expertise in investment policy development, spending policy analysis, manager evaluation and selection, and performance evaluation.

* The custom index is a blend of indices that closely represents the actual UAPEF portfolio and is used as a benchmark for comparison, both in terms of return and risk.

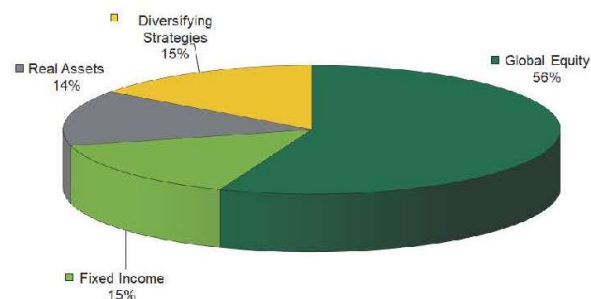
UAPEF Rates of Return
December 31, 2012 - September 30, 2021



UAPEF Growth in Endowment Funds
December 31, 2012 - September 30, 2021



Asset Allocation
as of September 30, 2021



Collaborative Programs with McKnight Institutes and non-McKnight Institutes

Drs. Lazar (UAB) and Levin (UMiami) are co-Chairs of the MBRF Cognitive Aging and Memory Intervention Core Inter-Institutional Pilot Program that is requesting Letters of Intent and Proposals for pilot studies to support interventions to reduce age-related memory loss and cognitive decline. The specific goal of these projects will be to collect pilot data across two or more MBI sites to facilitate grant submission to extramural funding sources for multi-MBI site cognitive aging and memory intervention trials.

Lazar, Ronald

McKnight Collaborations

Principal Investigator. Improving Age-Related Cognitive Decline with Exercise in Hypertensive Older Adults: A Pilot Study to Investigate a Retinal Microvascular Biomarker and the Role of IGF. McKnight Brain Research Foundation. 5/1/2021 – 4/30/2023. Collaborators: **UAB**--Lazar (PI), Buford, Girkin, Norling. **UMiami**--Wang (Site-PI)

Principal Investigator. Centralized, Telephone-Based, Computer-Assisted Assessment of Cognitive Function in Spanish. NIH/NINDS Supplement Submission pending. 2/1/2022-1/31/2023. Collaborators: **UAB** Lazar (PI), Crowe. **UMiami**—Levin (Site PI), Rey, McInerney, Kaur.

Non-McKnight Collaborations

Principal Investigator (MPI): ARCADIA CSI (Cognition and Silent Infarcts) National Institute of Neurological Disorders and Stroke/NIH 4/1/2019 – 3/31/2024 Collaborators: **UAB**: Lazar (MPI), G Howard. **Stanford**—Lansberg (MPI), Wintermark. **Yale**—Sheth. **UWashington**—Tirschwell. **Cincinnati**—Broderick

Co-Investigator. Genetic Contribution to Brain Arterial Dilatation and its Role in Cognition and Dementia. National Institute of Aging/NIH. 7/1/2018 - 6/30/2023. **Columbia**—Gutierrez (PI). **UAB**--Lazar

Co-Investigator. AIDS and Aging Research. NIA/NIH. Collaborators: **UAB**—Austad (MPI), Lazar, Saag, Willig, Porter, Thielen. **Rush**—Landay. **UWashington**—Crane (MPI), Lober, Delaney, Whitney. **Wake Forest**—Kritchevsky MPI), High. **Beth Israel Lahey**--Bergeron

A “Brain Care Score” To Predict Risk for Incident Cognitive Decline and Stroke. Collaborators: **UAB**--Lazar, G. Howard, V. Howard. **Harvard** (Mass General)—Rosand, Chemali, Westover, Sonni, Gutierrez-Martinez, Ouyang. **Yale**—Kernan.

Bolding, Mark

Director of the Neuroimaging Laboratory used by multiple McKnight members for their research.

Carter, Christy

05/21-04/22

McKnight Brain Institute Pilot - \$50,000 (total)

Reuniting the Brain and Body to Understand Cognitive Aging: The Nexus of Geroscience and Neuroscience. (Role: PI). This grant is a collaboration with our Post-doc Abigail Hernandez, Sara Burke and Jennifer Bizon, supported by the MBRF.

Howard, George

Dr. Ralph Sacco, Executive Director of the UMiami MBI, is chair of the DSMB for the REGARDS Study, funded by NINDS

Triebel, Kristen

Collaborating with David Vance on a project examining the impact of speed of processing training on brain health and cognition for older adult cancer survivors and older adults with HIV related cognitive impairment.

Visscher, Kristina

McKnight Brain Aging Registry involves members from all 4 McKnight Institutes. Work is being done to analyze and publish data from sample of healthy agers.

Working with Lesley Ross at Clemson University on a project funded by NIA/NICHHD examining the impact of speed of training on brain health and cognition for older adults.

Working with Aaron Seitz from University of California, Riverside, and Nick Turk-Browne from Yale on a study funded by NIH/NEI examining the mechanisms of learning in adults with macular degeneration.

Honors, Awards and New Grants

Lazar, Ronald

Principal Investigator. Establishing a normative cognitive database for UAB medical professionals. University of Alabama Health Services Foundation General Endowment Fund. 5/1/21 – 4/30/2023. (Yr 1 Direct Costs, 147,478)

Principal Investigator. Improving Age-Related Cognitive Decline with Exercise in Hypertensive Older Adults: A Pilot Study to Investigate a Retinal Microvascular Biomarker and the Role of IGF. McKnight Brain Research Foundation. 5/1/2021 – 4/30/2023, (Yr 1 Direct Costs, \$120,000)

Jeremy Day

Lab postdoctoral fellow Dr. Jen Tuscher received the 2021 UAB "Most Esteemed Postdoc" Award.

Lab postdoctoral fellow Dr. Nathaniel Robinson received an appointment to the UAB-HudsonAlpha Genomic Medicine Postdoctoral Training Program, which is funded by an institutional Ruth L. Kirschstein National Research Service Award (NRSA) T32 grant from the National Human Genome Research Institute.

Elected to Associate Membership in the American College of Neuropsychopharmacology (ACNP).

Gross, Alecia

Received NEI-funded Research Supplement to Promote Diversity in Health-Related Research Program for graduate student Hailey Levi.

Lubin, Farah

Stories of WiN – Women in Neuroscience profiles live podcast. Highlighting stories of women neuroscientists at different career stages and from diverse backgrounds.

Named to a list of “1,000 Inspiring Black Scientists,” published in Cell Mentor.

1R01AG071785-01. Principal Investigator. Long Non-coding RNA Regulation in Astrocytes within the Aging Brain. NIA/NIH. 4/15/2021-3/31/2026. Yr 1 Direct Costs: \$250,000. Her research team focuses on the study of molecular genetic mechanisms that govern how gene expression programs control memory formation in the healthy brain.

Lester, Robin

Recipient of the Ellen Gregg Ingalls/UAB National Alumni Society Award for Lifetime Achievement in Teaching. This award is presented to a UAB faculty member who, throughout their career has demonstrated an outstanding commitment to teaching. As he trains the next generation of researchers, his Gross Anatomy of the Brain class is a favorite among his students.

Lucas Pozzo-Miller

Neuroscience Roadmap Scholar program 2021 Outstanding Career Coach award

Visser, Kristina

Appointed to serve on the SfN Government and Public Affairs committee, which is responsible for guiding and evaluating SfN's advocacy efforts to promote neuroscience research.

NIH grant proposal titled Characterization of multiple factors in training and plasticity in central vision loss has been awarded.

Leland Fleming, graduate student extraordinaire, has won the highest honor awarded by UAB graduate school, the Samuel B. Barker Award for Excellence in Graduate Studies.

Human Connectomes Project was chosen for a presentation to the NIH Center Directors.

Wadiche, Linda

Appointed to the NICHD Board of Scientific Counselors for a 5-year term. The BSC advises the NICHD Scientific Director, the Division of Intramural Research, and the Division of Intramural Population Health Research on matters related to in-house research activities.

Technology transfer (Patents/applications; Revenue generated from technology)

None

Were any funds used for a Prohibited Purpose during the report period?

No

Do you recommend any modification to the Purpose or mandates in the Gift Agreement?

No

Did all activities during the report period further the Purpose?

Yes

Additional Comments

None

Signature (date, and title of person submitting the report)

A handwritten signature in black ink, reading "Ronald M. Lazar, PhD". The signature is written in a cursive, flowing style. The "R" is large and loops around the first part of the name. The "Lazar" is written in a similar cursive style, and "PhD" is written at the end with a distinct "D".

Ronald M. Lazar, PhD
Professor of Neurology and Neurobiology
Evelyn F. McKnight Endowed Chair of Learning and Memory in Aging
Director, UAB Evelyn F. McKnight Brain Institute
Director, Division of Neuropsychology (Neurology)
Department of Neurology

Appendix 1

List of McKnight Affiliate Faculty and their area of focus, and Department Affiliations, including a list of post-doctoral and pre-doctoral trainees (CVs needed only for new faculty/collaborators)

McKnight Affiliate Faculty 2021			
Faculty	Area of Focus	Department Affiliation	Post-Doctoral and Pre-Doctoral Trainees
Lazar, Ronald M.	Cognitive Resilience and Recovery in Aging, Brain Health, Cerebral hemodynamics, Neurovascular Disease	Neurology	<u>Post-Doc</u> Karli Martin, PsyD <u>Pre-Doc</u> Amani Norling, MS Alexandra Jacob Randall Walden <u>Undergraduate</u> Mary Faulkner Trevor Starling
Allendorfer, Jane jallendorfer@uabmc.edu	Exercise and epilepsy	Neurology	
Amara, Amy Willis aamara@uabmc.edu	Sleep disorders, movement disorders	Neurology	<u>Post-Doc</u> Adeel Memon, MD Yatharth Sunkara <u>Undergraduate</u> Ethan George
Arrant, Andrew andrewarrant@uabmc.edu	Frontotemporal dementia	Neurology	<u>Undergraduate</u> Anna Cook
Asif, Irfan iasif@uab.edu	Primary care	Family and Community Medicine	
Austad, Steven N austad@uab.edu	Molecular and organismal biology of aging	Biology	
Ball, Karlene K kball@uab.edu	Aging-related cognitive function	Psychology	
Benveniste, Etty tika@uab.edu Emeritus	Immune/nervous system interactions	Cellular, Molecular, & Developmental Biology	
Bolding, Mark mark.bolding@gmail.com	Visual cognition, MRI, and neuroimaging	Radiology	
Bowen, Pamela pbowen@uab.edu	Exercise and physical activity	Nursing	

Bradley, Virginia Wadley vwadley@uab.edu Emeritus	Mild cognitive impairment, comorbid cerebrovascular disease	Gerontology, Geriatrics, and Palliative Care	
Brenner, Michael michaelb@uab.edu Emeritus	Glial Cell Biology, Alexander Disease	Neurobiology	
Buford, Thomas twbuford@uab.edu	Exercise and aging	Center for Exercise Medicine	<u>Post-Doc</u> Raymond Jones Taylor Buchanan Abigail Hernandez <u>Undergraduate</u> Mercy Enogela
Carter, Christy cartercs@uabmc.edu	Exercise medicine	Gerontology, Geriatrics & Palliative Care	<u>Post-Doc</u> Abigail Hernandez <u>Undergraduate</u> Emily Zumbro
Crowe, Michael mgcrowe@uab.edu	Gerontology, Cognitive Aging and Dementia	Psychology	<u>Undergraduate</u> Cheyanne Barba Erin Ballard
Day, Jeremy jjday@uab.edu	Epigenetic mechanisms in memory formation	Neurobiology	<u>Post-Doc</u> Jen Tuscher Nathanial Robinson Saakshi Thukral
Del Bene, Victor vdelbene@uab.edu	Cognitive impairment, dystonia, deep brain stimulation	Neurology	<u>Pre-Doc</u> Tina Jimenez Jennifer Nosker
DeMiranda, Briana brianademiranda@uabmc.edu	Environmental toxicants	Neurology	<u>Pre-Doc</u> Neda Lieva Ashley Adamson
Dobrunz, Lynn dobrunz@uab.edu	Regulation of short-term synaptic plasticity in the hippocampus	Neurobiology	
Edwards, Lloyd J ljedward@uab.edu	Longitudinal data analysis, health disparities,	Biostatistics	
Fazeli, Pariya plfazeli@uab.edu	Cognitive aging, gerontology	Nursing	<u>Pre-Doc</u> Shakaye Haase Jeremy Delgadillo Alexis Long
Gamble, Karen karengamble@uabmc.edu	Environmental modulation of circadian clock function in mammalian sys	Psychiatry and Behavioral Neurobiology	<u>Post-Doc</u> Allison Fusilier <u>Pre-Doc</u> Lacy Goode Ananya Swaroop Anna Elam

Gamlin, Paul pgamlin@uab.edu	Cell biology and systems neuroscience of vision and visual disorders	Ophthalmology	<u>Post-Doc</u> Michael McFerrin
Gavin, Cristin cfgavin@uab.edu	Cellular and molecular mechanisms of structural and functional plasticity	Neurobiology	
Geldmacher, David dgeldmacher@uabmc.edu	Aging-related memory disorders and visual cognition	Neurology	
Gerstenecker, Adam atgers@uab.edu	Functional activity, decisional capacity, cognitive impairment dementia	Neurology	<u>Pre-Doc</u> Sarah Whiten
Goldberg, Matthew S mattgoldberg@uabmc.edu	Mechanisms of neurodegeneration	Neurology	<u>Pre-Doc</u> Adeel Memon
Gray, Michelle mccgray@uab.edu	Neurogenetics, glial function, and Huntington's disease	Neurology	
Gross Gutierrez, Alecia K agross@uab.edu	Signal transduction mechanisms in the CNS	Neurobiology	<u>Post-Doc</u> Mary Anne Garner Meredith Hubbard <u>Pre-Doc</u> Hailey Levi <u>Undergrad</u> Seth Hubbard Anushree Gade
Herskowitz, Jeremy H jeremyherskowitz@uabmc.edu	Amyloid beta effects on neurons	Neurology	
Howard, George ghoward@uab.edu	Strokes and aging	Biostatistics	
Howard, Virginia vjhoward@uab.edu	Cardiovascular disease, strokes and aging	Epidemiology	<u>Post-Doc</u> Joonseok Kim
Kennedy, Richard E rekenned@uab.edu	Aging	Gerontology, Geriatrics & Palliative	<u>Pre-Doc</u> Mackenzie Fowler Christina DiBlasio
Knight, David C knightdc@uab.edu	Human imaging approach to investigating memory	Psychology	<u>Post-Doc</u> Heather Dark <u>Pre-Doc</u> Devon Grey Anudeep Bolaram Juliann Purcell
Lahti, Adrienne alahti@uab.edu	Neuroimaging	Psychiatry and Behavioral Neurobiology	

Landefeld, Seth sethlandefeld@uab.edu	Geriatrics and Health Care Research	Medicine	
Lester, Robin A J nicotine@uab.edu	Nicotinic receptors in CNS function	Neurobiology	
Lokken, Kristine	Clinical psychology, neuropsychology	Psychiatry and Behavioral Neurobiology	<u>Post-Doc</u> Melissa Greenfield <u>Pre-Doc</u> Sara Sims <u>Undergrad</u> Anna Lowe
Lubin, Farah flubin@uab.edu	Signal transduction mechanisms in memory and memory disorders	Neurobiology	<u>Post-Doc</u> Ashleigh Irwin Rubhab Bahabry <u>Pre-Doc</u> Silvienne Stint Jago
Marson, Daniel C dmarson@uabmc.edu Emeritus	Neuropsychology	Neurology	
Martin, Roy rmartin@uab.edu	Neuropsychology	Neurology	
McMahon, Lori mcmahonl@musc.edu Dean Emeritus			
Meador-Woodruff, Jim jimmw@uab.edu	Cellular alterations of neural circuitry and molecular expression in psych	Psychiatry and Behavioral Neurobiology	
Nakazawa, Kazutoshi nakazawk@uab.edu	Epigenetics and cognition	Psychiatry and Behavioral Neurobiology	
Parpura, Vladimir vlad@uab.edu	Imaging approaches to investigating synaptic and glial cell function	Neurobiology	<u>Post-Doc</u> Vedrana Montana
Powell, Craig M craigpow@uab.edu	Cognitive dysfunction	Neurobiology	<u>Post-Doc</u> Qing-qiang Xia <u>Pre-Doc</u> Prathibha Sekar Radomir Slominsk
Pozzo-Miller, Lucas lucaspm@uab.edu	Mechanisms controlling dendritic spine morphology	Neurobiology	
Roberson, Erik eroberson@uabmc.edu	Age related neurodegenerative disorders	Neurology	<u>Pre-Doc</u> Jonathan Roth Nicholas Boyle Hunter Dean Shreya Kashyap

Saag, Michael msaag@uabmc.edu	Infectious diseases, Blood equality, Hepatitis, Antiretroviral	Infectious Diseases	
Standaert, David dstandaert@uab.edu	Aging, Neurodegeneration, and Translational Neuroscience	Neurology	<u>Post-Doc</u> Gregory Williams Aubrey Schonhoff
Theibert, Anne theibert@uab.edu	PI-3 Kinase signal transduction in neuronal cell biology	Neurobiology	
Thyme, Summer B sthyme@uab.edu	Neuropsychiatric and neurodevelopmental disorders	Neurobiology	
Triebel, Kristen ktriebel@uab.edu	Neuropsychology	Neurology	<u>Post-Doc</u> Stephen Aita Mackenzie Fowler Karli Martin <u>Pre-Doc</u> Sahanaa Sirbalusu Rashmi Nakkina Udit Shah Emily Hayward
Ubogu, Eroboghene ubogu@uab.edu	Inflammatory neuropathies	Neurology	
Visscher, Kristina M kmv@uab.edu	Human imaging approaches to investigating memory	Neurobiology	<u>Post-Doc</u> Pinar Demirayak Leland Fleming Matt Defenderfer <u>Pre-doc</u> Sara Sims Jason Vice
Wadiche, Jacques jwadiche@uab.edu	Synaptic plasticity and function in the cerebellum	Neurobiology	
Wadiche, Linda lwadiche@uab.edu	Adult neurogenesis in the dentate gyrus	Neurobiology	
Wilson, Scott livvy01@uab.edu	Ubiquitin/proteasome system in neuronal function	Neurobiology	

Appendix 2

Top 20 publications from FY21 relevant to the MBRF

Bailey MJ, Soliman EZ, McClure LA, Howard G, Howard VJ, Judd SE, Unverzagt F, Wadley V, Sachs BC, Hughes TM. Relation of Atrial Fibrillation to Cognitive Decline (from the REasons for Geographic and Racial Differences in Stroke [REGARDS] Study). Am J Cardiology 2021, in press.

Barba, C., Garcia, A., Clay, O. J., Wadley, V. G., Andel, R., Dávila, A. L., & Crowe, M. (2021). Quality of education and late-life cognitive function in a population-based sample from Puerto Rico. Innovation in Aging. Advance online publication. doi: 10.1093/geroni/igab016.

Bowen, P.G., Opoku-Agyeman, W., Affuso, O., Levi, P. *, & Wingo, N. (January 2021). Physical activity promotion in a safety-net clinic: Does the provider make a difference? Translational Journal of the American College of Sports Medicine. In Press

Butler AA, Johnston DR, Kaur S, Lubin FD, Long noncoding RNA NEAT1 mediates neuronal histone methylation and age-related memory impairment Sci Signal. 2019 Jul 2; 12 (588) PMID: 31266852

Creed, RB, Roberts RC, Farmer, CB, McMahon, LL, Goldberg MS*, Increased glutamate transmission onto dorsal striatum spiny projection neurons in PINK1 knockout rats, Neurobiol Dis. 2021 Mar;150:105246. doi: 10.1016/j.nbd.2020.105246. Epub 2020 Dec 30. PMID: 33387634

Dark, H. E., Harnett, N. G., Knight, A. J., & Knight, D. C. (2021). Hippocampal volume varies with acute posttraumatic stress symptoms following medical trauma. Behavioral Neuroscience, 135(1), 71-78.

Davis, SE, Roth, JR, Aljabi, Q, Hakim, AR, Savell, KE, Day, JJ, and Arrant, AE (2021). Delivering progranulin to neuronal lysosomes protects against excitotoxicity. J Biol Chem. 297(3):100993.

Fazeli, P.L., Woods, S.P., Lambert, C.C., Li, W., Hopkins, C.N., & Vance, D.E. (2021). Differential Associations Between BDNF and Memory Across Older Black and White Adults with HIV Disease J Acquir Immune Defic Syndr. 2021 Oct 6. doi: 10.1097/QAI.0000000000002831. Online ahead of print. PMID: 34629411

Fusilier AR, Davis JA, Paul JR, Yates SD, McMeekin LJ, Goode LK, Mokashi MV, Remiszewski N, van Groen T, Cowell RM, McMahon LL, Roberson ED, Gamble KL. Dysregulated clock gene expression and abnormal diurnal regulation of hippocampal inhibitory transmission and spatial memory in amyloid precursor protein transgenic mice. Neurobiol Dis. 2021 Oct;158:105454. Epub 2021 Jul 30. PMID: 34333153

Hernandez AR, Hoffman JM, Hernandez CM, Cortes CJ, Jumbo-Lucioni P, Baxter MG, Esser KA, Liu AC, McMahon LL, Bizon JL, Burke SN, Buford TW, Carter CS. Reuniting the Body “Neck Up and Neck Down” to Understand Cognitive Aging: The Nexus of Geroscience and Neuroscience J Gerontol

A Biol Sci Med Sci. 2021 Jul 26:glab215. doi: 10.1093/gerona/ghab215. Online ahead of print. PMID: 34309630 No abstract available.

Hernandez CM, Hernandez AR, Hoffman JM, King PH, McMahon LL, Buford TW, Carter C, Bizon JL, Burke SN. A Neuroscience Primer for Integrating Geroscience with the Neurobiology of Aging. J Gerontol A Biol Sci Med Sci. 2021 Oct 8:glab301. doi: 10.1093/gerona/ghab301. Online ahead of print. PMID: 34623396

Hoffman JM, Hernandez CM, Hernandez AR, Bizon JL, Burke SN, Carter CS, Buford TW. Bridging the gap: A geroscience primer for neuroscientists with potential collaborative applications. J Gerontol A Biol Sci Med Sci. 2021 Oct 15:glab314. doi: 10.1093/gerona/ghab314. Online ahead of print. PMID: 34653247

Lazar RM, Howard VJ, Kernan WN, Aparicio HJ, Levine DA, Viera AJ, Jordan LC, Nyenhuis DL, Possin KL, Sorond FA, White CL; A Primary Care Agenda for Brain Health: A Scientific Statement From the American Heart Association. Stroke. 2021 Jun;52(6):e295-e308. doi: Epub 2021 Mar 15. PMID: 33719523.

Lazar RM, Wadley VG, Myers T, Jones MR, Heck DV, Clark WM, Marshall RS, Howard VJ, Voeks JH, Manly JJ, Moy CS, Chaturvedi S, Meschia JF, Lal BK, Brott TG, Howard G. Baseline Cognitive Impairment in Patients with Asymptomatic Carotid Stenosis in the CREST-2 Trial. Stroke. 2021 Dec;52(12):3855-3863. doi: 10.1161/STROKEAHA.120.032972. Epub 2021 Aug 26. PMID: 3443330

Parpura, Vlad, Montana, V., Flint. D., Waagepetersen, H.S., Schousboe, A., Parpura, V. Two metabolic fuels, glucose and lactate, differentially modulate exocytotic glutamate release from cultured astrocytes. Neurochem Res. 2021, 46(10):2551-2579

Penner MR, RR Parrish, LT Hoang, TL Roth, FD Lubin, CA Barnes. Age-related changes in Egr1 transcription and DNA methylation within the hippocampus 26 (8), 1008-1020

Popp JL, Szaflarski JP, Kaur M, Martin RC, Brokamp GA, Terry DM, Diggs MD, and Allendorfer JB (2021). Relationships between cognitive function, seizure control, and self-reported leisure-time exercise in epilepsy. *Epilepsy and Behavior*.118:107900. PMID: 33770613

Sims, S.A., Demirayak, P., Cedotal, S., and Visscher, K.M. (2021). Frontal cortical regions associated with attention connect more strongly to central than peripheral V1. *Neuroimage* 238, 118246. PMID: 34111516

Wadley VG, Bull T, Zhang Y, Barba C, Bryan RN, Crowe M, Desiderio L, Deutsch G, Erus G, Geldmacher DS, Go R, Lassen-Greene CL, Mamaeva OA, Marson DC, McLaughlin M, Nasrallah IM, Owsley C, Passler J, Perry R, Pilonieta G, Steward KA, Kennedy RE. Cognitive processing speed is strongly related to driving skills, financial abilities, and other instrumental activities of daily living in persons with Mild Cognitive Impairment. J Gerontol A Biol Sci Med Sci. 2021;76(10):1829-1838

Vance, D. E., Lee, Y., Batey, D. S., Li, W., Chapman-Lambert, C., Nakkina, S. R.*, Anderson, J. N.*, Triebel, K., Byun, J. Y., & Fazeli, P. L. (in press 8-2021). Emerging directions of cognitive aging with HIV: Research and practice implications for social work. *Journal of Gerontological Social Work*. <https://doi.org/10.1080/01634372.2021.1978028>.



Appendix 3

Top 10 presentations at scientific or public meetings relevant to the MBRF

Annual UAB McKnight Lecture (2/4/2021)

Rebecca Gottesman, MD, PhD, Professor, Director of Research, Hopkins Bayview Neurology
“Modifiable midlife risk factors for cognitive decline and dementia”

[McKnight Seminar - Dr. Rebecca Gottesman - YouTube](#)

[2021 Annual McKnight Lecture - School of Medicine - McKnight Brain Institute | UAB](#)

[UAB McKnight Brain Institute Scientific Dialogues \(12/9/2021\)](#)

Abbi Hernandez, PhD: “Reuniting the Brain and Body to Understand Cognitive Aging”

Amani Norling MD, BCBA: “Decreasing Cognitive Loss and Vascular Rarefaction with Exercise”

Pariya Wheeler, PhD: “Biopsychosocial Correlates of Successful Cognitive Aging with HIV”

Barba, C., Downer, B., Garcia, A., McEniry, M., Andel, R., Dávila, A.L., Ballard, E., & Crowe, M. (September 2021). Cognition, Vascular Health, and Mortality in Older Puerto Ricans. Presented virtually at the International Conference on Aging in the Americas Virtual Conference.

Bowen, P.G., Opoku-Agyeman, W., *Mixon, V., Affuso, O., & Clay, O.J. (November 2021). Texting older sisters to step (TOSS) using Fitbit to promote physical activity: A feasibility study.

Gerontological Society of America 2021 Scientific Meeting: Disruption to transformation: Aging in the “New Normal”.

Burford, Thomas: Beyond Blood Pressure: The Renin-Angiotensin System and Aging. Wake Forest University Sticht Center on Aging Seminar Series. Virtual. 1/20/2021.

Carter, CS. Invited Symposium. Gut Aging: Interventions and Implications for Physical and Cognitive Decline. The University of South Florida Microbiome Hub Webinar, October 15, 2021.

Clay, O.J., * Mixon, V. Opoku-Agyeman, W., Nicholson, M., & Bowen, P.G. (November 2021).

Piloting the effectiveness of a text messaging and fitness tracking intervention within older Black women. Gerontological Society of America 2021 Scientific Meeting: Disruption to transformation: Aging in the “New Normal”.

Gamble, K.L. (2021). “When and What to Eat to Improve Brain Function.” 5th Asian Forum on Chronobiology (AFC 2021), Virtual and in person, Kaifeng, China.

Lazar, RM. Brain Health: Mechanisms and Intervention. McCance Center Grand Rounds, Massachusetts General Hospital, Harvard Medical School, 9/20/2021.

Lubin, Farah, Epigenetic-level approaches to studying memory and age-related memory deficits National Institute of Aging Seminar Series. Invited by Drs. Christina Banuelos and Peter Rapp.

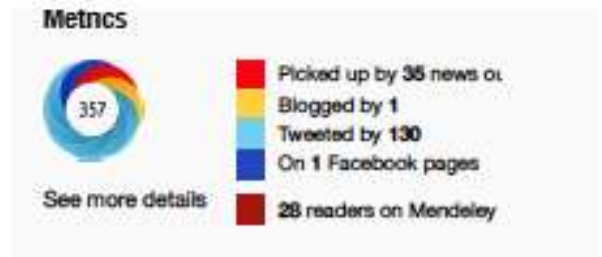
Appendix 4

Highlights of website development, media coverage and/or social media audience development

The UAB McKnight website, updated regularly, gets about 1,000 hits per year.

Dr. Lazar's paper, "A Primary Care Agenda for Brain Health, first published online in March 2021, resulted in the following Altmetric Attention Scores and prominence:

- In the top 5% of all research outputs scored by Altmetric
- High Attention Score compared to outputs of the same age (99th percentile)
- High Attention Score compared to outputs of the same age and source (99th percentile)



Lazar Interviews:

- "13 Factors for Brain Health", Health Call LIVE Radio Hour, Fort Wayne, IN, 4/8/2021
- Q&A: PCPs 'play critical role' in preserving patients' brain health. Helio.com 4/16/2021.
- "What increases dementia risk?" US News & World Report, 4/18/2021.



Appendix 5 - Evelyn F. McKnight Brain Institute Active Extramural Awards

PI Name	Project Title	Sponsor Name	Sponsor Type	Project Start Date	Project End Date	Direct Awarded for Currently Active Increments	Indirect Awarded for Currently Active Increments	Total Awarded for Currently Active Increments
Allendorfer, Jane B	Exercise for Memory Rehabilitation in Epilepsy	National Institute of Child Health and Human Development/NIH/DHHS	Federal	04/10/2021	03/31/2026	431,615	190,661	622,276
Amara, Amy Willis	Slow Wave Sleep as a Biomarker of Rehabilitation-Induced Cognitive Improvement in Parkinson's Disease	National Institute of Child Health and Human Development/NIH/DHHS	Federal	04/01/2021	03/31/2026	429,661	208,386	638,047
Amara, Amy Willis	The Heart-brain Connection, Neuroinflammation, and Cognitive Dysfunction in Older Adults	MCKNIGHT BRAIN RESEARCH FOUNDATION	Misc Non-Federal	09/01/2021	08/31/2022	50,000	-	50,000
Arrant, Andrew E	Regulation of Extracellular Progranulin in the Brain	National Institute on Aging/NIH/DHHS	Federal	09/01/2020	05/31/2022	125,000	60,625	185,625
Asif, Irfan M	Value Based Medical Student Education Training Program	Health Resources and Services Administration/DHHS	Federal	07/01/2020	06/30/2024	6,435,568	508,224	6,943,792
Asif, Irfan M	Community Health Access and Rural Transformation (CHART) Model - Community Transformation Track	Centers for Medicare and Medicaid Services/DHHS	Federal	07/01/2021	06/30/2028	-	-	-
Asif, Irfan M	Community Health Access and Rural Transformation (CHART) Model - Community Transformation Track	Centers for Medicare and Medicaid Services/DHHS	Federal	10/01/2021	12/31/2028	1,632,943	340,065	1,973,008
Austad, Steven N	A Sex Difference Approach to Evaluating Resilience as a Predictor of Healthspan in Mice	National Institute on Aging/NIH/DHHS	Federal	09/15/2017	05/31/2022	205,000	99,425	304,425
Austad, Steven N	Comparative Bioenergetics of Aging - Core A - Administrative Program Enrichment Core	National Institute on Aging/NIH/DHHS	Federal	09/15/2020	05/31/2025	162,682	78,901	241,583
Austad, Steven N	Comparative Bioenergetics of Aging - Core E - Comparative Data Analytics Core	National Institute on Aging/NIH/DHHS	Federal	09/15/2020	05/31/2025	119,233	12,125	131,358
Ball, Karlene K	ACTIVE Cognitive Training Trial: 20-Yr Follow-up of Functioning, Health, & Dementia	UNIVERSITY OF WASHINGTON	Institutions	09/15/2017	05/31/2022	68,641	32,261	100,902
Ball, Karlene K	Deep South Resource Center for Minority Aging Research (RCMAR) - Research Education Core (REC)	National Institute on Aging/NIH/DHHS	Federal	08/01/2019	06/30/2023	158,300	12,664	170,964
Benveniste, Etty	HSF-GEF Research Acceleration Award - Benveniste	UNIVERSITY OF ALABAMA HEALTH SERVICES FOUNDATION	Foundations Philanthropy	09/01/2014	08/31/2022	-	-	-

Appendix 5 - Evelyn F. McKnight Brain Institute Active Extramural Awards

PI Name	Project Title	Sponsor Name	Sponsor Type	Project Start Date	Project End Date	Direct Awarded for Currently Active Increments	Indirect Awarded for Currently Active Increments	Total Awarded for Currently Active Increments
Bolding, Mark S	Pulse Sequence and Image Reconstruction Software Exchange Agreement for Sequences from The Regents of the University of California on	Siemens	Industry	03/09/2018	03/08/2023	-	-	-
Buford, Thomas	ACE2 as a Novel Therapeutic to Preserve Physical Function in Late Life	National Institute on Aging/NIH/DHHS	Federal	08/01/2017	05/31/2022	143,500	69,598	213,098
Buford, Thomas	ACES - ACE Inhibitors Combined with Exercise for Hypertensive Seniors	National Institute on Aging/NIH/DHHS	Federal	09/15/2017	05/31/2022	413,277	149,345	562,622
Buford, Thomas	Interconnections Among Cognition, Pain, and Physical Function in Aging	National Institute on Aging/NIH/DHHS	Federal	08/01/2020	05/31/2025	97,092	7,767	104,859
Buford, Thomas	Age-Related Dysbiosis and Physical Resilience	National Institute on Aging/NIH/DHHS	Federal	09/30/2020	08/31/2022	-	116,008	116,008
Buford, Thomas	Interdisciplinary Training in Pathobiology and Rehabilitation Medicine	National Institute of Child Health and Human Development/NIH/DHHS	Federal	05/01/2020	04/30/2022	357,036	26,986	384,022
Carter, Christy	Comparative Bioenergetics of Aging - Core B - Research Development Core	National Institute on Aging/NIH/DHHS	Federal	09/15/2020	05/31/2025	125,000	60,625	185,625
Carter, Christy	Reuniting the Brain and Body to Understand Cognitive Aging: The Nexus of Geroscience and Neuroscience	MCKNIGHT BRAIN RESEARCH FOUNDATION	Misc Non-Federal	05/01/2021	04/30/2023	23,600	-	23,600
Crowe, Michael	Aging in Puerto Rico: Longitudinal Follow-Up of the PREHCO Study	National Institute on Aging/NIH/DHHS	Federal	09/01/2019	04/30/2024	743,130	65,861	808,991
Day, Jeremy J.	Enhancer RNA Regulation of Experience-dependent Neuroepigenetic Processes	National Institute of Mental Health/NIH/DHHS	Federal	07/01/2018	03/31/2023	261,138	121,169	382,307
Dobrunz, Lynn	Effects of NPY on Hippocampal Circuit Function	National Institute of Mental Health/NIH/DHHS	Federal	07/15/2020	04/30/2025	452,610	206,615	659,225
Gamble, Karen Lynnette	The Nigral Molecular Clock and Vulnerability to Neurodegeneration	National Institute of Neurological Disorders and Stroke/NIH/DHHS	Federal	07/15/2018	04/30/2023	385,488	65,395	450,883
Gamlin, Paul D	Intrinsically Photosensitive Retinal Ganglion Cells and their Central Projections	National Eye Institute/NIH/DHHS	Federal	12/01/2015	11/30/2022	-	-	-
Gamlin, Paul D	Optimizing AAV Vectors for Central Nervous System Transduction	University of Florida	Institutions	08/01/2017	05/31/2022	43,928	21,305	65,233

Appendix 5 - Evelyn F. McKnight Brain Institute Active Extramural Awards

PI Name	Project Title	Sponsor Name	Sponsor Type	Project Start Date	Project End Date	Direct Awarded for Currently Active Increments	Indirect Awarded for Currently Active Increments	Total Awarded for Currently Active Increments
Gamlin, Paul D	Shared Instrumentation for Pre- Post- and Intra-Operative Ocular Imaging	NIH - OFFICE OF THE DIRECTOR	Federal	08/21/2019	08/20/2022	-	-	-
Gamlin, Paul D	Development of AAV-CRISPR/CAS9-Based Therapies for Cone Rod Dystrophy	University of Florida	Institutions	06/01/2019	05/31/2023	171,585	83,218	254,803
Geldmacher, David	Alzheimer's Disease Neuroimaging Initiative 3 (ADNI3)	University of Southern California	Institutions	09/15/2016	07/31/2022	-	-	-
Geldmacher, David	UAB Alzheimer's Disease Research Center - Clinical Core	National Institute on Aging/NIH/DHHS	Federal	09/01/2020	07/31/2023	448,106	203,385	651,491
Geldmacher, David	Integration of Health Information Technology and Promotion of Personhood in Family-Centered Dementia Care	UNIVERSITY OF ALABAMA (TUSCALOOSA)	Institutions	09/15/2020	05/31/2025	31,318	15,190	46,508
Geldmacher, David	Global Alzheimer's Platform Trial-Ready Cohort for Preclinical/Prodromal Alzheimer's Disease	University of Southern California	Institutions	05/15/2019	04/30/2023	13,468	6,532	20,000
Geldmacher, David	Autoimmune Features of Neurodegenerative Disorders	Columbia University	Institutions	08/01/2020	07/31/2023	-	-	-
Gerstenecker, Adam	Investigating the Impact of Cognition on Capacity in Multiple Sclerosis	National Institute of Child Health and Human Development/NIH/DHHS	Federal	09/12/2018	08/31/2023	116,829	9,346	126,175
Gray, Michelle	Exploring the Contribution of Astrocytes to Huntington Disease	National Institute of Neurological Disorders and Stroke/NIH/DHHS	Federal	08/15/2020	06/30/2025	304,559	144,892	449,451
Gray, Michelle	Cardiac Abnormalities in Huntington's Disease	Hereditary Disease Foundation	Foundations Philanthropy	10/01/2021	09/30/2022	75,000	-	75,000
Gross Gutierrez, Alecia K.	Photoreceptor Disk Formation and Retinal Degenerations	National Eye Institute/NIH/DHHS	Federal	02/25/2020	02/24/2025	-	-	-
Gross Gutierrez, Alecia K.	Photoreceptor Disk Formation and Retinal Degenerations	National Eye Institute/NIH/DHHS	Federal	09/01/2020	05/31/2024	300,609	135,935	436,544
Herskowitz, Jeremy H	Identifying Therapeutic Targets That Confer Synaptic Resilience to Alzheimer's Disease	National Institute on Aging/NIH/DHHS	Federal	09/30/2018	04/30/2023	937,456	142,001	1,079,457

Appendix 5 - Evelyn F. McKnight Brain Institute Active Extramural Awards

PI Name	Project Title	Sponsor Name	Sponsor Type	Project Start Date	Project End Date	Direct Awarded for Currently Active Increments	Indirect Awarded for Currently Active Increments	Total Awarded for Currently Active Increments
Herskowitz, Jeremy H	Systems Genetic Analysis of Cognitive Resilience Using Multi-Parent Crosses	Jackson Laboratory	Industry	09/01/2019	03/31/2024	-	-	-
Howard, George	CREST-2 Statistical and Data Coordinating Center - (SDCC)	National Institute of Neurological Disorders and Stroke/NIH/DHHS	Federal	03/15/2014	02/28/2022	-	-	-
Howard, George	Carotid Revascularization and Medical Management for Asymptomatic Carotid Stenosis Trial - Hemodynamics (CREST-H)	Columbia University	Institutions	05/15/2017	04/30/2022	76,614	36,009	112,623
Howard, George	CREST-2 Statistical and Data Coordinating Center - SDCC	National Institute of Neurological Disorders and Stroke/NIH/DHHS	Federal	09/01/2021	08/31/2026	1,134,808	452,525	1,587,333
Kennedy, Richard E.	Automating Delirium Identification and Risk Prediction in Electronic Health Records	National Institute on Aging/NIH/DHHS	Federal	02/15/2019	12/31/2022	448,605	194,778	643,383
Lahti, Adrienne C.	Glutamate, Brain Connectivity and Duration of Untreated Psychosis	National Institute of Mental Health/NIH/DHHS	Federal	04/01/2014	01/31/2022	-	-	-
Lazar, Ronald M	Carotid Revascularization And Medical Management For Asymptomatic Carotid Stenosis Trial (CREST-2) Trial ("Study")	MAYO CLINIC JACKSONVILLE	Industry	06/01/2017	08/31/2021	-	-	-
Lazar, Ronald M	Carotid Revascularization And Medical Management For Asymptomatic Carotid Stenosis Trial-Hemodynamics (CREST-H)	Columbia University	Institutions	05/15/2017	04/30/2022	29,055	14,092	43,147
Lazar, Ronald M	Genetic Contribution to Brain Arterial Dilatation and its Role in Cognition and Dementia	Columbia University	Institutions	08/15/2018	04/30/2023	7,304	3,542	10,846
Lazar, Ronald M	Arcadia CSI (Cognition and Silent Infarcts)	Stanford University	Institutions	07/01/2019	06/30/2024	190,764	92,521	283,285
Lazar, Ronald M	Establishing Normative Cognitive Data for UAB Medical Professionals	UNIVERSITY OF ALABAMA HEALTH SERVICES FOUNDATION	Foundations Philanthropy	05/01/2021	10/31/2023	117,620	-	117,620
Lazar, Ronald M	Improving Age-Related Cognitive Decline with Exercise in Hypertensive Older Adults: A Pilot Study to Investigate A Retinal Microvascular Biomarker and the	MCKNIGHT BRAIN RESEARCH FOUNDATION	Misc Non-Federal	05/01/2021	04/30/2023	56,144	-	56,144
Lubin, Farah D	UAB Neuroscience Roadmap Scholars Program	National Institute of Neurological Disorders and Stroke/NIH/DHHS	Federal	08/01/2020	07/31/2025	250,000	20,000	270,000

Appendix 5 - Evelyn F. McKnight Brain Institute Active Extramural Awards

PI Name	Project Title	Sponsor Name	Sponsor Type	Project Start Date	Project End Date	Direct Awarded for Currently Active Increments	Indirect Awarded for Currently Active Increments	Total Awarded for Currently Active Increments
Lubin, Farah D	Epigenetic Effects of Exercise on Epilepsy	National Institute of Neurological Disorders and Stroke/NIH/DHHS	Federal	09/30/2020	08/31/2022	275,000	133,375	408,375
Lubin, Farah D	Long Non-coding RNA Regulation in Astrocytes Within the Aging Brain	National Institute on Aging/NIH/DHHS	Federal	04/15/2021	03/31/2026	250,000	121,250	371,250
McMahon Wakefield, Lori L	NSF Graduate Research Fellowship Program (GRFP)	NSF - National Science Foundation	Federal	09/01/2019	08/31/2024	110,400	-	110,400
Parpura, Vladimir	Connexin 43 Modulates Regulated Exocytosis	National Institute of General Medical Sciences/NIH/DHHS	Federal	09/01/2019	05/31/2023	225,000	109,125	334,125
Powell, Craig M.	Molecular and Cellular Basis of Neurodevelopmental Disorders	National Institute of Mental Health/NIH/DHHS	Federal	03/10/2020	01/31/2025	445,872	209,106	654,978
Pozzo-Miller, Lucas D	REU Site: Summer Program in Neuroscience	NSF - National Science Foundation	Federal	03/01/2017	02/28/2022	-	-	-
Pozzo-Miller, Lucas D	Role of The Hippocampal-mPFC Pathway in Social Memory Deficits in Autism	National Institute of Mental Health/NIH/DHHS	Federal	04/01/2019	01/31/2023	268,106	125,497	393,603
Roberson, Erik	Validation of Online Methods to Predict and Monitor Cognitive Decline	University of California, San Francisco	Institutions	09/01/2018	03/31/2023	97,585	47,329	144,914
Roberson, Erik	BIN1, Interneuron Activity, and Network Dysfunction in Alzheimer Disease	National Institute on Aging/NIH/DHHS	Federal	06/15/2018	03/31/2023	282,097	136,817	418,914
Roberson, Erik	UAB Alzheimer's Disease Research Center - Admin Core	National Institute on Aging/NIH/DHHS	Federal	09/01/2020	07/31/2023	189,323	91,822	281,145
Roberson, Erik	Circadian Changes in Network Excitability and Alzheimer Disease Pathogenesis	National Institute on Aging/NIH/DHHS	Federal	09/15/2021	05/31/2026	535,964	224,897	760,861
Saag, Michael S	UAB Center for AIDS Research - Administrative Core	National Institute of Allergy and Infectious Diseases/NIH/DHHS	Federal	06/01/2019	05/31/2024	171,920	83,381	255,301

Appendix 5 - Evelyn F. McKnight Brain Institute Active Extramural Awards

PI Name	Project Title	Sponsor Name	Sponsor Type	Project Start Date	Project End Date	Direct Awarded for Currently Active Increments	Indirect Awarded for Currently Active Increments	Total Awarded for Currently Active Increments
Saag, Michael S	Determinants and Outcomes of Nicotine Metabolism Ratoin in HIV + Smokers	University of Pennsylvania	Institutions	02/10/2020	01/31/2022	19,937	9,669	29,606
Saag, Michael S	AIDS and Aging Research Platform (AARP)	UNIVERSITY OF WASHINGTON	Institutions	08/15/2020	04/30/2022	71,977	34,909	106,886
Saag, Michael S	CFAR Network of Integrated Clinical Systems (CNICS)	National Institute of Allergy and Infectious Diseases/NIH/DHHS	Federal	09/01/2021	08/31/2026	5,921,851	671,011	6,592,862
Saag, Michael S	Immunologic, Inflammatory, and Clinical Contributors to HIV-Related Heart Failure with Preserved Ejection Fraction (HFpEF)	UNIVERSITY OF WASHINGTON	Institutions	02/28/2021	01/31/2022	99,499	48,257	147,756
Standaert, David George	UAB Cannabidiol Program	ALABAMA DEPARTMENT OF COMMERCE	State	04/01/2014	06/30/2022	-	-	-
Standaert, David George	UAB Research and Education Program in Neuroscience	National Institute of Neurological Disorders and Stroke/NIH/DHHS	Federal	08/01/2017	06/30/2022	247,663	17,824	265,487
Standaert, David George	UAB Training Program in Neuroscience	National Institute of Neurological Disorders and Stroke/NIH/DHHS	Federal	07/01/2017	06/30/2022	140,909	9,161	150,070
Standaert, David George	Interactions of Gut Microbiome, Genetic Susceptibility and Environmental Factors in Parkinson's Disease	DOD - Department of Defense	Federal	09/01/2018	08/31/2022	107,615	52,193	159,808
Standaert, David George	Innate and Adaptive Immunity in Parkinson Disease - Core A: Administrative Core	National Institute of Neurological Disorders and Stroke/NIH/DHHS	Federal	09/30/2018	07/31/2023	78,031	37,845	115,876
Standaert, David George	Innate and Adaptive Immunity in Parkinson Disease - Project 1: Role of Innate Immune Cells in Human Parkinson Disease	National Institute of Neurological Disorders and Stroke/NIH/DHHS	Federal	09/30/2018	07/31/2023	268,477	130,211	398,688
Standaert, David George	Identification and Rescue of Striatal Circuit Abnormalities in Models of GNAL Dystonia	Fox (Michael J.) Foundation for Parkinson's Research	Foundations Philanthropy	12/01/2019	11/30/2022	13,333	-	13,333

Appendix 5 - Evelyn F. McKnight Brain Institute Active Extramural Awards

Thyme, Summer B.	Targeting Rare Genetic Disorders to Treat Common Neuropsychiatric Conditions	Klingenstein (Esther A. & Joseph) Fund	NP Agency/Assoc	07/01/2020	06/30/2023	75,000	-	75,000
PI Name	Project Title	Sponsor Name	Sponsor Type	Project Start Date	Project End Date	Direct Awarded for Currently Active Increments	Indirect Awarded for Currently Active Increments	Total Awarded for Currently Active Increments
Thyme, Summer B.	Large-Scale Functional Assessment of Developmentally Regulated Neuronal Microexons	Mallinckrodt (Edward Jr.) Foundation	Foundations Philanthropy	10/01/2020	09/30/2022	60,000	-	60,000
Thyme, Summer B.	Engineering New Tools to Decipher Vertebrate Brain Development	Pew Charitable Trusts	NP Agency/Assoc	08/01/2021	07/31/2026	69,444	5,556	75,000
Thyme, Summer B.	New Algorithms for In Silico Discovery of Small Molecule Drugs Targeting Schizophrenia-Associated Genes	ALKERMES, INC.	Industry	07/01/2021	06/30/2023	33,671	16,331	50,002
Visscher, Kristina M	Adaptive Neuroplasticity Following Central Visual Field Loss in Macular Degeneration	National Institute of Neurological Disorders and Stroke/NIH/DHHS	Federal	07/31/2019	01/31/2022	15,500	-	15,500
Visscher, Kristina M	Characterization of Multiple Factors in Training and Plasticity in Central Vision Loss	National Eye Institute/NIH/DHHS	Federal	03/01/2021	02/28/2025	468,516	111,073	579,589
Visscher, Kristina M	Identifying Cortical Laminar Architecture Changes Associated With Compensation for Central Vision Loss Due to Macular Degeneration	Fight for Sight, Inc.	NP Agency/Assoc	09/01/2020	12/31/2021	-	-	-
Wadiche, Jacques I.	AMPA Function in Synaptic and Extrasynaptic Membranes	National Institute of Neurological Disorders and Stroke/NIH/DHHS	Federal	09/15/2019	06/30/2024	288,388	134,667	423,055
Wadiche, Linda S.	Inhibitory Neural Circuits in Dentate Function	National Institute of Neurological Disorders and Stroke/NIH/DHHS	Federal	06/15/2018	04/30/2023	280,649	130,315	410,964
Wadiche, Linda S.	Newborn Neurons In The Adult Hippocampal Network	National Institute of Neurological Disorders and Stroke/NIH/DHHS	Federal	03/01/2019	02/29/2024	277,362	127,018	404,380
Wheeler, Pariya Fazeli	A Multidomain Approach to Preventing Dementia in African Americans: Cognitive Prescriptions	National Institute on Aging/NIH/DHHS	Federal	06/15/2019	04/30/2022	-	-	-
Wilson, Scott M	The Role of ESCRTs in Regulating Nervous System Function	National Institute of Neurological Disorders and Stroke/NIH/DHHS	Federal	12/01/2019	11/30/2024	212,296	83,903	296,199
TOTAL						29,175,671	6,910,519	36,086,190

Appendix 6

New Faculty CVs

CURRICULUM VITAE



Pamela G. Bowen, PhD, CRNP, FNP-BC, BBA

LICENSURE and BOARD CERTIFICATION

American Nurses Credentialing Center, FNP
Alabama, RN

Expires 2025

Expires 2022

PREPARATION

Specialty: Family

Role: Associate Professor

Area of Study: Health Disparity Research focused on physical activity, minority aging, and obesity reduction

EDUCATION			
University of Alabama, Birmingham, Alabama	Nursing	2006-2012	Doctor of Philosophy in Nursing
University of Alabama, Birmingham, Alabama	Nursing	1999-2000	Post-MSN Certificate Family Nurse Practitioner (FNP) Primary
Faulkner University at Birmingham, Montgomery, Alabama	Business	1993-1994	Bachelor of Business Administration
University of Alabama, Birmingham, Alabama	Nursing	1990-1992	Master of Science in Nursing
University of Alabama, Birmingham, Alabama	Nursing	1984-1988	Bachelor of Science in Nursing

PROFESSIONAL EXPERIENCE	
Academic Appointments	
2021-present	<i>Scientist</i> , UAB Minority Health and Health Disparities Research Center, Appointment

2021-present	Scientist, University of Alabama at Birmingham, McKnight Brain Institute, Birmingham, Alabama, Appointment
2020-present	<i>Scientist</i> , University of Alabama at Birmingham, Alzheimer's Disease Center Birmingham, Alabama, Appointment
2019-present	<i>Associate Professor</i> , University of Alabama at Birmingham, School of Nursing, Birmingham, Alabama
2019-2021	<i>Associate Scientist</i> , UAB Minority Health and Health Disparities Research Center, Appointment
2019-present	<i>Associate Scientist</i> and Outreach Committee Member in the University of Alabama at Birmingham Center for Exercise Medicine, Appointment
2018-present	<i>Birmingham Coalition Director</i> , University of Alabama at Birmingham, Department of Preventive Medicine, Appointment
2017-present	<i>Affiliated Member</i> , University of Alabama at Birmingham Comprehensive Diabetes Research Center, Appointment
2015-present	Scientist, University of Alabama at Birmingham Comprehensive Center for Healthy Aging, Appointment
2014-present	<i>Affiliated Member</i> , University of Alabama at Birmingham Nutrition Obesity Research Center, Appointment
2012 – 2019	<i>Assistant Professor</i> , University of Alabama at Birmingham, School of Nursing Birmingham, Alabama
2011 – 2012	<i>Family Division Director</i> , University of Alabama at Birmingham School of Nursing, Birmingham, Alabama
2011 – 2012	<i>FNP Specialty Coordinator</i> , University of Alabama at Birmingham School of Nursing, Birmingham, Alabama
2008 - 2011	<i>Co-Coordinator FNP program</i> , University of Alabama at Birmingham School of Nursing, Birmingham, Alabama
2006 - 2008	<i>602 Core Course Team leader</i> , University of Alabama at Birmingham School of Nursing, Birmingham, Alabama
2006 - 2012	<i>Instructor</i> , University of Alabama at Birmingham, School of Nursing, Birmingham, Alabama
2002 – 2006	<i>Assistant Project Director. /Instructor</i> , University of Alabama at Birmingham, School of Nursing, Birmingham, Alabama
Clinical Appointments	
2014-2015	<i>Certified FNP</i> , PATH Clinic, Birmingham, AL.
2003 – 2013	<i>Certified FNP</i> , City of Birmingham: Medical Service Unit; Birmingham, AL
2002 – 2002	<i>Certified FNP</i> , Naphcare, Inc., Bibb County Correctional Facility; Centreville, AL
2001 - 2001	<i>Certified FNP</i> , Orthopedics Specialist of Alabama; Birmingham, AL
1999 - 2003	<i>Staff Registered Nurse</i> , University Hospital; Birmingham, AL
1998 - 2002	<i>Staff Registered Nurse</i> , St. Vincent's Hospital; Birmingham, AL
1992 - 1998	<i>Coordinator/Supervisor</i> , IHS Home HealthCare; Birmingham, AL
1989 - 1992	<i>Staff Registered Nurse</i> , University Hospital; Birmingham, AL
1988 - 1989	<i>Staff Registered Nurse</i> , Baptist Medical Center-Princeton; Birmingham, AL

AWARDS AND HONORS		
NBNA Nurse Researcher of the Year	2021	Birmingham, Alabama
UAB Diversity Education Ambassador	2020	Birmingham, Alabama
UABSON, Outstanding Presentation: Taking Charge of your Health	2020	Birmingham, AL
UABSON, Champion of Excellence	2017	Birmingham, AL
UAB Student Affairs: Office of Student Involvement: UAB Leadership & Service Council		
UAB Title VI Program for the Recruitment and Retention of Birmingham, Alabama Black Faculty and Administrators	2013	Birmingham, Alabama
Health Disparities Research Training Program	2013	Birmingham, Alabama
Nu Chapter, Sigma Theta Tau International Scholarship	2011	Birmingham, Alabama
Alabama Board of Nursing Scholarship	2011	Montgomery, Alabama
Alabama Board of Nursing Scholarship	2010	Montgomery, Alabama
Alabama Board of Nursing Scholarship	2007	Montgomery, Alabama
Nu Chapter Sigma Theta Tau induction	2005	Birmingham, Alabama
Alabama Chapter of the National Trio Alumni Society	1992	Birmingham, Alabama
Alabama Board of Nursing Scholarship	1991	Montgomery, Alabama
Presidential Honor's List, University of Alabama at Birmingham	1988	Birmingham, Alabama
Alabama State Nursing Scholarship	1987	Montgomery, Alabama
Baptist Medical Center Scholarship	1987	Birmingham, Alabama
Dean's List, University of Alabama at Birmingham	1985	Birmingham, Alabama

NATIONAL/REGIONAL/STATE LEADERSHIP ACTIVITIES	
National	
2020-present	National RCMAR Scientist Advisory Board, appointment
2014, November	GSA 2014 Peer Reviewer for the GSA's 67 th Annual Scientific Meeting
2013-present	Health Resources and Services Administration (HRSA), grant reviewer
2012-2012	National Black Nurses Association- Orlando: UASON recruitment
2007-2007	National Black Nurses Association- Atlanta: UASON recruitment
State/Regional	
2021-present	Alabama Obesity Taskforce: AL Capstone Agency Partnership, Co-Leader
2019, June	Equity and Inclusion Representative, Alabama Obesity Task Force Board. elected
2018-2019	Physical Activity Healthcare Sector Leader, Alabama Obesity Taskforce: Alabama Nutrition and Physical Activity Plan, elected
2018- 2020	Director, Birmingham Coalition Gulf- States Gulf States Health Policy Center – Collaborations and Partnership Core, appointed

2017- present	Alabama Obesity Taskforce: AL. Nutrition and Physical Activity Plan, member
2016- 2020	Birmingham Coalition Gulf- States Gulf States Health Policy Center – Collaborations and Partnership Core
2010, February	ENCOURAGE: Diabetes education recruitment for UAB Diabetes Research & Training Center, Pine Apple, AL
2007, October	Tuskegee University Career Fair: UASON recruitment, Tuskegee, AL.
2003, April	Alabama Black Belt Health Fair, Sumter County, Alabama, Volunteer
2003-2003	Minority Health Disparities in Alabama Forum Project, Alabama State Capital, Volunteer

EDITORIAL BOARD AND JOURNAL REVIEWS

Teaching and learning in Medicine	Reviewer	2020-present
Western Journal of Nursing Research	Reviewer	2019-present
Journal of Aging and Physical Activity	Reviewer	2019-present
Ethnicity and Health	Reviewer	2018-present
Hindawi Publishing Corporation	Reviewer	2012-2019
Journal of Child Health Care	Reviewer	2008-present

RESEARCH GRANTS

CURRENT RESEARCH/ FUNDING

2020-2021	TOSS Feasibility + Fitbit Community=Reduced Obesity in Older Blacks Women. Funded 18% Effort. Obesity Health Disparities Research Center. OHDR-19-001. Principle Investigator.
2017-2022	National Institute for Occupational Safety and Health (NIOSH). Deep South Occupational Health and Safety and Research Center. Center for Disease Control and Prevention. Funded 5% Effort .2T42OH008436-13/C2. Direct cost 1,267,542.00. Project Faculty.
2020-2023	University of Alabama at Birmingham, Alzheimer's Disease Research Center. National Institutes of Health. 1P20AG068024. Co-Investigator Funded 7.5% effort.
2021-2022	Using an epigenomic approach to explore the obesity. Obesity Health Disparities Research Center. OHDR-19-001. Co-Investigator Funded 0% effort.

COMPLETED RESEARCH/FUNDING

2002-2006	<i>A Culturally Competent Online Family Nurse Practitioner Program, Funded 100% Effort</i> U. S. Department of Health and Human Services, D09HP00284. Assistant Project Director
2013-2015	UAB Title VI Program for the Recruitment and Retention of Black Faculty and

	Administrators. Birmingham, Alabama Funded 60% Effort year 1 and 40% Effort year 2
2013-2014	<i>Reducing Care-Resistant Behaviors During Oral Hygiene in Persons</i> Funded 20% Effort 1R01NR012737-02 (Jablonski) 4/1/2011-3/31/2015 NIH/NINR \$664,438 direct costs. Research Associate
2015-2016	Physical Activity Text Message Library for Older African American. Funded 5% Effort Adults. HDRTP RCMAR pilot grant. \$10,000. Principle Investigator
2015-2019	NIMHD. Promoting Physical Activity among Older African Americans through Policy. \$330,446.00. Funded 75% Effort. The Gulf States Collaborative Center for Health Policy Research. (U54MD008602). Principle Investigator.
2018-2019	NIMHD Gulf States Health Policy Center – Collaborations and Partnership Core. U54MD008602. Funded 20% Effort. Birmingham Coalition Director.
2019-2020	NIMHD Gulf States Health Policy Center – Collaborations and Partnership Core. U54MD008602. Funded 2% Effort. Birmingham Coalition Director.

UNDER REVIEW FOR RESEARCH FUNDING	
2022-2027	NIH. Evaluation of the m-health Texting Older Sisters to Step (TOSS) Intervention. Principle Investigator

PUBLICATIONS	
ORCID: https://orcid.org/0000-0002-2381-8118	
Peer Reviewed (*denotes student, **denotes post-doc)	
Bowen, P.G. , Opoku-Agyeman, W., Affuso, O., Levi, P. *, & Wingo, N. (January 2021). Physical activity promotion in a safety-net clinic: Does the provider make a difference? <i>Translational Journal of the American College of Sports Medicine</i> . In Press	
Hammond, S., Hallman, M., Bowen, P. G. , Combs, B., & Heaton, K. (January 2021). Returning to work after an orthopedic injury. <i>Orthopaedic Nursing</i> . In press	
Bowen, P.G. , Opoku-Agyeman, W., Clay, O.J., McCaskill, G. Mixon, V*., Sen, B.P., Pisu, M., & Martin, M.Y. (2021). Promoting Physical Activity through Policy at a Single Safety Net Clinic: A Pilot Study. <i>Translational Journal of the American College of Sports Medicine</i> , 6(2), 1-7. doi:10.1249/TJX.0000000000000160	
Bright, C., Blejwas, E. & Bowen, P.G. (2020). Adaptability in community based participatory research: Comparisons of coalitions in the deep south. <i>Journal of Public Health in the Deep South</i> . 1(2), 1-19.	
Lee, L. T., Bowen, P.G. , Daniel, S., McCaskill, G., & Clay, C. (2020). The associations of depression, physical activity, and diabetes with self-rated health in Black men. <i>Journal of National Black Nurses Association</i> , 31(2), 25-31.	
Daftarian, Z.* & Bowen, P. G. (2020) Improving outcomes in patients with prediabetes through a lifestyle modification program. <i>Journal of the American Association of Nurse Practitioners</i> , 32 (3), 244-251. doi: 10.1097/JXX.0000000000000213. Published	

Hammond, S. Bowen, P.G. , Hallman, M. & Heaton, K. (2019) Visual performance and occupational safety among aging workers. <i>Workplace Health & Safety</i> , 67(10):506-511. Published
Bowen, P. G. , Mankowski, R.T., Harper, S.A. **, & Buford, T. W. (2019). Exercise is medicine as a vital sign: Challenges and opportunities. <i>Translational Journal of the American College of Sports Medicine</i> , 4(1), 1-7. doi: 10.1249/TJX.0000000000000076 . Published
Lee, L., Jung, Seung E., Bowen, P.G. , Clay, O., Locher, Julie, L., & Cherrington, Andrea L. (2018). Understanding perceptions of African American men needs to manage diabetes. <i>Journal of Nurse Practitioner</i> , 15,365-369. Published.
McCaskill, G., Bowen, P.G. , Lee, L., Burgio, K. Leeper, J. & Clay, O. (2019). The influence of diabetes-related support on aerobic activity among older African Americans with type 2 diabetes. <i>International Journal of Aging and Human Development</i> , 89, 279-293. doi.org/10.1177/0091415018796602. Published
McCaskill, G., Bowen, P.G. , Lee, L., Burgio, K. Leeper, J. & Clay, O. (2019). The influence of diabetes-related support on aerobic activity among older African Americans with Type 2 diabetes. <i>International Journal of Aging and Human Development</i> , 89, 279-293. doi.org/10.1177/0091415018796602. Published
Bowen, P.G. , Clay, O., Lee, L., *Browning, W., Schoenberger, Y., & Martin, M. (2019). Texting older sisters to step: The TOSS study. <i>Western Journal of Nursing Research</i> , 41, 388-408. doi: 10.1177/0193945918770784. Published
Bowen, P.G. , Lee, L.T., McCaskill, G. M., Bryant, P., Hess, M.A., & Ivey, J. (2018). Understanding health policy to improve primary care management of obesity. <i>Journal of Nurse Practitioner</i> , 43(4), 46-52. doi: 10.1097/01.NPR.0000531069.11559.96. Published
Bowen, P.G. , Lee, L.T., Martin, M.Y. & Clay, O. (2017). Depression and physical functioning among older Americans with diabetes: NHANES 2009–2010. <i>Journal of the American Association of Nurse Practitioners</i> , 29(2), 70-76. Published
Lee, L, Bowen, P.G. , Mosley, M., & Turner, C. (2016). Theory of planned behavior: Social support and diabetes self-management. <i>Journal of Nurse Practitioner</i> , 13(4), 265-270. Published
Hess, M.A., Bowen, P. G. , & Bryant, P. (2015). Long-acting insulin: A new entry offers an additional dosing choice. <i>Nurse Practitioner Perspective</i> , 2(7), 33-36. Published
Bowen, P.G. , Clay, O.J., Lee, LT, *Vice, J., Ovalle, J. & Crowe, M. (2015). Associations of social support and self-efficacy with quality of life in a sample of older adults with diabetes. <i>Journal of Gerontological Nursing</i> , 41(12), 21-29. Published
Bryant, P., Hess, A, & Bowen, P.G. (2015). Social determinants of health related to obesity. <i>Journal for Nurse Practitioners</i> , 11(2), 220-225. Published
Bowen, P. , Bryant, P. Hess, M., McCarty, K. & Ivey, J. (2014). Modifying public policies to combat obesity. <i>The Journal for Nurse Practitioners</i> , 10(2), 100-106. Published
Bowen, P. , Eaves, Y., Vance, D. & Moneyham, L. (2014). A phenomenological study of obesity and its impact on physical activity in Southern African American older women. <i>Journal of Aging and Physical Activity</i> , 23(2):221-9. doi: 10.1123/japa.2013-0039. Published

Under Review
Wheeler, P., Smith, C.; Vance, D.; Clay, O.; Bowen, P.G. ; Turan, B.; Li, Peng & Bradley, V. (September 2021). Cognitive prescriptions for reducing dementia risk factors in African Americans: Rationale and protocol for a pilot randomized controlled trial. <i>Nursing: Research and Reviews</i> . Submitted under review.
Bowen, P.G. , *Levi, P., Hammond, S., Hallman, M. G., Combs, B., Heaton, K., & Affuso, O. (June 2021). Suboptimal Physical Activity and Obesity Among Healthcare Personnel: NHANES 2003- 2004. <i>Journal of the American Association of Nurse Practitioners</i> . Submitted under review.
Browning, W. R*, Clay, O. J., Bowen, P. G. , Pouncey, J., & Crowe, M. G. (December 2020). Negative Interaction mediates the disparity in diabetes distress between older Black and White adults. the Journal of Gerontology Series B: Psychological Sciences. Submitted under review.
Bowen, P.G. , Buys, K. & Wingo, N. (September 2021). Candid Conversations: Addressing Racism by Preparing Future Nurse Practitioners to Provide Equitable Healthcare. <i>Journal of Nursing Education</i> . Submitted under review.
Olivia, A., Kinsey, A., Whitt-Glover, M., Segar, M., & Bowen, P. G. (October 2021). Social environments and physical activity among active Black women. <i>American Journal of Health Promotion</i> . Submitted under review.

Book
Giger, J., Davidhizar, R., Williams, A., Hill, G., Bowen, P. , & Wilson, D. (2003). The Giger and Davidhizar Cultural competency skills test. <i>Transcultural Nursing: Assessment & Intervention</i> , (4th ed.)

SELECTED PRESENTATIONS
Podium Presentations, Peer-Reviewed, International
Kinsey, A.W., Bowen, P.G. , Asigbee, F., Whitt-Glover, M.C., & Affuso, O. (2020, June). Physically active Black women with cardiometabolic conditions: Associations between physical activity characteristics, health and fitness. The 19th International Society of Behavioral Nutrition and Physical Activity (ISBNPA) meeting. Auckland, New Zealand.
Stoutenberg, M., Bowen, P. G. , Stovitz, S. D., & Vermeesch, A. L. (2018, June). <i>EIM in Action in Diverse and Underserved Communities: Lessons Learned and Resources for Next Decade of EIM</i> , 2018 American College of Sports Medicine Annual Meeting, World Congress on Exercise is Medicine® and World Congress on the Basic Science of Muscle Hypertrophy and Atrophy, Minneapolis, MN.
Lee, L., Bowen, P.G. , McCaskell, G. & Clay, O. (2017, July). Associations of Biobehavioral Factors and Self-Rated Health in Black Men: NHANES 2009- 2010. IAGG 21st World Congress. San Francisco, CA.
Bowen, P.G. (2015, November). <i>Diabetes Self-efficacy and Quality of Life Among Older Adults with Diabetes</i> Gerontological Society of America's 68th Annual Scientific Meeting, Orlando, Fl.

Bowen, P., Eaves, Y. & Vance, D. (2013, November). *Southern African American Older Women's Perspectives on Obesity and Physical Activity*, The Gerontological Society of America's 66th Annual Scientific Meeting, New Orleans, LA.

Invited Podium Presentations, Peer-Reviewed, National (*denotes student)

Bowen, P.G. (2021, October). Challenges and Lessons Learned: EIM in Action at a Safety Net Clinic to Promote Physical Activity Discussions. 2021 EIM Research Learning Collaborative, American College of Sports Medicine. Indianapolis, Indiana.

Buy, K. & **Bowen, P. G.** (2020, October). Disrupting oppressive and racist narratives and practices through implicit bias and anti-racism training for future nurse practitioners: Opportunities for transformation. American Public Health Association 2020 Annual Meeting and Expo. San Francisco, CA.

Bowen, P., Opoku-Agyeman, W., Pisu, M. & Martin, M. (2019, April). A System-level Policy to Increase Physical Activity Discussions Among African American Patients in a Safety Net Clinic. UAB Health Disparities Research Symposium 2019. Birmingham, AL.

Bowen, P.G. (2018, April). Gulf States-Health Policy Center Symposium, Health Policy Affects Health Outcomes: Community Determinants of Health, Panelist. Washington DC.

Bowen, P.G., Pisu, M., Sen, B., & Martin, M.Y. (2017, April). Does Using Policy Increase Physical Activity Discussions among African Americans? UAB 12th Annual Health Disparities Research Symposium. Birmingham, AL.

Bowen, P. (2017, April). Physical Activity Text Message Library for Older African American Adults. Deep South RCMAR at the RCMAR Annual Meeting. San Francisco, CA.

Bowen, P. (2011, July). Methodological consideration of a phenomenological study of obesity and its impact on functional status and physical activity in Southern African American older women, National Black Nurses Association, Indianapolis, IN.

Invited Podium Presentation, Peer-Reviewed, State (*denotes student)

Chatham, L. & **Bowen, P.** (2019, August). Stronger Together-Working Collaboratively to Improve Alabama's Health. ADPH Office of Women's Health Twelfth Annual Women's health Update. Birmingham, AL.

Mixon, V.*, Clay, O. J., Opoku-Agyeman, W., & **Bowen, P. G.** (2019, August). System-level policy to promote physical activity among Blacks in a safety net clinic. UAB Office of Undergraduate Research Spring Expo, Birmingham, AL.

Bowen, P. Pisu, M. & Martin, M. (2018, November). System-level Policy to Promote Physical Activity in a Safety Net Clinic. UAB Department of Preventive Medicine Grand Rounds. Birmingham, AL.

Podium Presentations, Peer-Reviewed, Local

Bowen, P. (2010, September). Engaging Students in Learning, Scholarship of Teaching series, UABSON, Birmingham, AL.

Bowen, P. (2002, January). Congestive heart failure CEU presentation, Health Topics, Birmingham, AL
Bowen, P. (2000, January). Congestive heart failure CEU presentation, Health Topics, Birmingham, AL

Invited Podium Presentations (Non-peer Reviewed)
Bowen, P.G. (2019, May). The Impact of Physical Activity on Overall Health, Hopewell Missionary Baptist Church, Birmingham, AL.
Bowen, P.G. (2018, September). Healthy Lifestyle behaviors: Cardiovascular Health, Mt. Zion Missionary Baptist Church, Birmingham, AL.
Bowen, P.G. (2017, September). Healthy lifestyle behaviors for African Americans, Mt. Zion Missionary Baptist Church, Birmingham, AL.
Bowen, P. (2003, March). Hypertension and congestive heart failure, Mt. Zion Missionary Baptist Church, Birmingham, AL

Poster, Peer-Reviewed, International
Bowen, P.G., Opoku-Agyeman, W., *Mixon, V., Affuso, O., & Clay, O.J. (November 2021). Texting older sisters to step (TOSS) using Fitbit to promote physical activity: A feasibility study. Gerontological Society of America 2021 Scientific Meeting: Disruption to transformation: Aging in the “New Normal”.
Clay, O.J., * Mixon, V. Opoku-Agyeman, W., Nicholson, M., & Bowen, P.G. (November 2021). Piloting the effectiveness of a text messaging and fitness tracking intervention within older Black women. Gerontological Society of America 2021 Scientific Meeting: Disruption to transformation: Aging in the “New Normal”.
Bowen, P. G., Pisu, M., Sen, B., & Martin, M. (2017, May). Promoting Physical Activity among African Americans through Policy Level Intervention. 2017 Annual Meeting, World Congress on Exercise is Medicine®, and World Congress, Denver CO.
Lee, L, Bowen, P.G., Crowe, M. & Clay, O. (2015, November). Is Diabetes Associated with Depression and Physical Function in Older Adults: NHANES 2009- 2010? Poster presented at The Gerontological Society of America's 68th Annual Scientific Meeting, Orlando, FL.
Bowen, P. G., Houston, D. & Affuso, O. (2014, February). Predictors of Physical Activity and Sedentary Behaviors Among Older African American Women: NHANES 2003-2006: Poster presented at The Gerontological Society of America's 67th Annual Scientific Meeting, Washington, DC.

Posters, Peer-Reviewed, National
Kinsey, A.W., Bowen, P.G., & Affuso, O. (2017, September). Physical activity sustainability among black women: Motivations, volume, and health. UCEM 5th Annual Symposium. Birmingham, AL.
Bowen, P.G. & Martin, M.Y. (2016, April). Promoting physical activity among African Americans through policy. UAB Health Disparities Research Symposium 2016. Birmingham, AL.

McCaskill, G., Bowen, P.G. , Burgio, K. L., Leeper, J. & Clay, O. J. (2015, February). Predicting aerobic activity among older African Americans with chronic conditions. American Geriatrics Society National Harbor, MD.
Bowen, P.G. & Eaves, Y. (2010, February). Determining the efficacy of the motivators to achieve a healthier weight interview guide in obese older African American women. Southern Nursing Research Society, Austin, TX.
Bowen, P. & Eaves, Y. (2010, February). Motivation to achieve a healthy weight in obese older African American women. Poster presented at the UAB Geriatric Education Conference, Birmingham, AL.
Bowen, P. , Hill, G., & Somerall, D. (2007, April). An Instructional Prescription for New Faculty of an online FNP program: A poster presentation for NONPF 33rd Annual Meeting- Moving Mountains: Evolution in NP Education, Denver, CO.

Posters, Peer-Reviewed, State

Bowen, P. (2013, February). Lifestyle Considerations from a Phenomenological Study of Obesity and its Impact on Physical Activity in Southern African American Older Women. Poster presented at the 14th Annual Rural Health Conference. The Weight of Our Rural Communities: Partnering to Reduce Obesity, Tuscaloosa, AL.

Posters, Peer-Reviewed, Local (*denotes student)

*Daftarian, Z. **Bowen, P. G.**, & Masimasi, N. (2018, April). Preventing type 2 diabetes in patients with prediabetes through a lifestyle modification program. The University of Alabama School of Nursing, University of Alabama at Birmingham, DNP Intensive, Birmingham, AL

Bowen, P.G. (2008, July). Ethical issues faced by nursing editors. The University of Alabama School of Nursing, University of Alabama at Birmingham Summer Intensive, UAB School of Nursing Peer Workshop, Birmingham, AL

Abstract, Peer-Reviewed (*denotes student)

Bowen, P.G., Opoku-Agyeman, W., *Mixon, V., Affuso, O., & Clay, O.J. (March 2021). Texting older sisters to step (TOSS) using Fitbit to promote physical activity: A feasibility study. Gerontological Society of America 2021 Scientific Meeting: Disruption to transformation: Aging in the “New Normal”.

Clay, O.J., *Mixon, V. Opoku-Agyeman, W., Nicholson, M., & **Bowen, P.G.** (March 2021). Piloting the effectiveness of a text messaging and fitness tracking intervention within older Black women. Gerontological Society of America 2021 Scientific Meeting: Disruption to transformation: Aging in the “New Normal”.

*Bowen, M., *Cruz, K., *Knifley, H., *Pearson, S., & **Bowen, P. G.** (2020). Utilizing a questionnaire to identify new graduate nurse’s intent to leave bedside practice at the University of Alabama at Birmingham hospital. The University of Alabama School of Nursing, University of Alabama at Birmingham, Spring 2021 DNP Intensive, Birmingham, AL.

Kinsey, A.W., **Bowen, P.G.**, Asigbee, F., Whitt-Glover, M.C., & Affuso, O. (2020). Physically active Black women with cardiometabolic conditions: Associations between physical activity

characteristics, health and fitness. The 19 th International Society of Behavioral Nutrition and Physical Activity (ISBNPA) meeting. Auckland, New Zealand. Accepted.
Mixon, V.*, Clay, O. J., Opoku-Agyeman, W., & Bowen, P. G. (2019). Implementing system-level policy to increase physical activity discussion among black patients and providers. ABRCMS conference, Anaheim, CA. Accepted.
Clay, O.J., Bowen, P. G. , Lee, L.T., McCaskill, G., Affuso, O., & Crowe, M. (2019). Association of restricted life space mobility with cognitive function within older Blacks and Whites with diabetes. 2019 Gerontological Society of America Annual Scientific Meeting. Austin TX. Accepted.
Browning, W.R.*, Clay, O.J., Atkins, G.*, Bowen, P.G. , Harmon, R., & Crowe, M. (2019). Components of social support mediate racial disparity on diabetes distress within older African and Caucasian Americans. 12th Annual National Conference on Health Disparities. Oakland, CA.
Atkins, G.*, Clay, O.J., Browning, W*, Bowen, P.G. , Harmon, R. B. & Crowe, M. (2019). Associations of satisfaction with social support and physician trust with greater self-efficacy in older adults living with diabetes. 12th annual national conference on health disparities. Oakland, CA.
Stoutenberg, M., Bowen, P. G. , Stovitz, S. D., & Vermeesch, A. L. (2017). <i>EIM in action in diverse and underserved communities: Lessons learned and resources for next decade of EIM</i> , 2018 American College of Sports Medicine Annual Meeting, World Congress on Exercise is Medicine® and World Congress on the Basic Science of Muscle Hypertrophy and Atrophy, Minneapolis, MN. Accepted
Bowen, P. G. , Pisu, M., Sen, B., & Martin, M. (2017). Promoting physical activity among African Americans through policy level intervention. 2017 Annual Meeting, World Congress on Exercise is Medicine®, and World Congress. Accepted
Lee, L., Bowen, P. G. , McCaskill, G. & Clay, O. (2016). Associations of biobehavioral factors and self-rated health in Black men: NHANES 2009- 2010. The 21st International Association of Gerontology and Geriatrics World Congress. Accepted
Bowen, P. G. , Hess, A., & Bryant, P.H. (2016). Obesity and the Affordable Care Act: What is the role of the NP? Western Journal of Nursing Research- Accepted to submit full manuscript for special issue on obesity.

Abstracts Under Review

Mays, L., Buys, K. Bowen, P.G. , Bristow, A., & Lee, L. (October 2021). Implementing Motivational Interviewing Techniques and Education to Increase Nurse Practitioner Students Confidence in Educating Primary Care Patients about Covid-19 Vaccination. <i>2022 NONPF 48th Annual Conference</i> . Submitted under review. <i>2022 NONPF 48th Annual Conference</i> . Submitted under review.
Buys, K., Mays, L., Lee, L. Bristow, A., & Bowen, P. G. (October 2021). Promoting Health

Equity: Educating Future Nurse Practitioners to Critically Assess Social Determinants of Health, Challenge their Own Biases, and Disrupt Racism in the Healthcare System.

MEDIA/PRESS RELEASES		
Date(s)	Type of Media	Topic of Interview or Headline
2021, February	UABSON Blog	Q&A with Dr. Bowen
2020, November	UAB Alzheimer's Disease Research Center Facebook	Holiday Tips with Dr. Bowen Healthy Foods & Activities
2020, September	UAB Alzheimer's Disease Research Center Facebook/ Zoom	Virtual Panel Discussion on Disparities in Alzheimer's
2019, February	UABSON Blog	Putting Physical Activity in the Forefront Positively Impact Heart Health
2016, June	The Journal of Blacks in Higher Education	Research Project Seeks to Find Ways to Encourage Physical Activity Among African American Adults
2016, February	NP Schools Website	Accelerated Online MSN-NP Programs
2015, November	UABSON Website	Pilot Study Research
2007, January	Birmingham Medical News	Nurse Practitioner Education

ACADEMIC/PROFESSIONAL ACTIVITIES AND COMMUNITY SERVICE	
Membership in Professional Organizations	
2019-Present	Sigma Theta Tau
2018- Present	National Black Nursing Association, member
2018- Present	American College of Sports Medicine, member
2013- Present	Gerontological Society of America: member
2013- Present	Alabama Obesity Taskforce: member
2010- 2011	Southern Nursing Research Society (SNRS): member
2006- Present	National Organization of Nurse Practitioner Faculties (NONPF): member
2006-2008	Sigma Theta Tau: Graduate Counselor
2003- Present	American Academy of Nurse Practitioner (AANP): member
2002-2004	North Alabama Nurse Practitioner Association (NANPA): member
2005- Present	Central Alabama Nurse Practitioner Association (CANPA): member

COMMITTEE SERVICE (ACADEMIC)	
University	
2021-July	PhD committee: Wesley Browning, Successful PhD dissertation
2021- March	Diversity Education Ambassador
2020, February	Reviewer, RCMAR Pilot Grant Awards
2020, present	Titusville Live Health Smart Coalition
2019, April	Judge, UAB Health Disparities Research Symposium
2018, October	Panel member for Dr. Carmen Capo-Lugo. 2019 CCTS Interdisciplinary Network Pilot Program
2018, April	Mentoring Week
2018, February	Reviewer, HDRTP Grant Writing Retreat
2018, March	Judge UAB Health Disparities Research Symposium
2018-2019	Team Leader, Gulf States Research Center Physical Activity/Obesity Manuscript
2017-2017	Reviewer, HDRTP Grant Writing Retreat
2017-2017	Member, RCMAR Advisory Committee
2017-2017	Panelist, UAB Student Affairs-Student Involvement: Birmingham 101
2017-2019	Graduate study committee: Wesley Browning, Successful Master Thesis 2019
2017, May	Judge UAB Health Disparities Research Symposium
2016-2016	Judge, MHRC Summer Enrichment Program
2015, March	Judge UAB Health Disparities Research Symposium
2014, July	Judge MHRC Summer Enrichment Program Year 3 Posters
2008, September	Freshman Year Experience Class Panel, University of Alabama at Birmingham
2008, March	Recruiter, Minority Health Society: UASON Birmingham, AL

Local	
2018-2018 2016-2016 2011-present	Local Public Health System Assessment: Essential Service 10 Reservation, Invited Presenter, Office of Diversity & Multicultural Affairs- Phillips Academy, Invited Community Service Outreach Ministries: Adamsville Annual Community Health Fair, Invited
2005 - Present	Community Health Fair, Mt. Zion Missionary Baptist Church, Annual, Invited
2004 - 2004	Community Health Fair, Miles College, Fairfield, Alabama, Volunteer
2004 - 2004	Community Health Fair, Lawson State Community College, Volunteer
2003 - 2003	Community Health Fair, Mt. Moriah Missionary Baptist Church, Volunteer
2002 - 2009	Mt. Zion Missionary Baptist Church Healthcare Ministry President, Appointed

UAB School of Nursing	
2021-Present	UABSON STRIDE Taskforce (Strategy, Teamwork, Recognition, inclusion, diversity, Equity)
2021-Present	MSN-DNP 2020 cohort Chair
2020-Present	UABSON Executive Committee
2020-2020	UABSON-DEI 2020 Retreat Planning group, appointed
2020-Present	Search committee for SON Associate Dean for DEI position
2020-2020	New faculty orientation ADMIRE presenter
2020-2020	Chair of SON President's Award for Excellence in Teaching Review Committee
2019-2019	DEI Retreat Planning committee
2019-2019	2019 DEI Kick-off Taskforce
2019-2020	ADMIRE Chair-elect
2019-2019	BSN-DNP Taskforce
2018- present	PhD committee for Shameka Rodgers Phillips
2018-present	ADMIRE Committee
2018- Present	Diversity, Equity and Inclusion (DEI) Champions
2018-present	BSN-DNP 2018 cohort Chair
2018-2018	PhD Toolkit revision Taskforce
2017-2019	Gerontological/ Cognition taskforce, member
2017-2019	DNP Chair, Zahra Daftarian
2016- 2020	Faculty Search Committee (2 terms), member
2016- 2016	Reviewer, APT Handbook
2015-2017	DNP Chair: Regina Nickelson
2015- 2016	DNP Mentor: Lafayette Holmes Faculty
2014-2017	Dissertation for Alice Austin PhD candidate, member
2014-2014	MSN Curriculum Mapping
2011- 2012	SON Admission Progression Graduation Committee, member
2011- 2012	SON Academic Team, member
2007 - 2009	Subcommittee of the Self-Study Taskforce for Standard IV, member
2007- 2008	Governance Committee, member
2007-present	Faculty Search Committee for new faculty visit
2006-2008	Nu Chapter Sigma Theta Tau, Graduate Counselor
2005- 2009	Nurse Practitioner Lab Coordinator

TEACHING EXPERIENCE				
University of Alabama SON				
<u>Year(s)</u>	<u>Term</u>	<u>Course#</u>	<u>Course Name</u>	<u>Your Role</u>
2007 - 2010	Fall	NUR 602	NUR 602Q – Issues in Advanced Nursing Practice	Core Course Team Leader/ Co-teacher

2007 - Present	Spring	NFH 621	NFH 621, Advanced Family Nursing I	Co-teacher
2007 - 2011	Spring	NUR 602	NUR 602Q – Issues in Advanced Nursing Practice	Core Course Team Leader
2007 - 2010	Summer	NUR 602	NUR 602 Issues in Advanced Nursing Practice	Core Course Team Leader
2007 - Present	Summer	NFH 622	NFH 622, Advanced Family Nursing II	Co-teacher
2003 - present	Fall	NFH 692	NFH 692, Family Nurse Practitioner Residency	Course Manager/ Co-teach
2003 - Present	Spring	NFH 685Q	NFH 685Q, FNP Practicum	Course Manager
2003 - Present	Spring	NFH 692	NFH 692, Family Nurse Practitioner Residency	Course Manager/ co-teach
2003 – Present	Summer	NFH 686Q	NFH 686Q, FNP Practicum	Course Manager/ co-teach

FACULTY PRACTICE ACTIVITIES			
2014- 2015	M-PATH clinic (M-Power Ministries)	NP provider	Reimbursed Practice
2003- 2013	City of Birmingham, Medical Service Unit	NP provider	Reimbursed Practice

ACADEMIC MENTORSHIP—Clinical Faculty				
University of Alabama at Birmingham				
2011 - 2012	Amanda Basden	Faculty Colleagues	Clinical Mentorship	New ACI role
2011 - 2012	Glenda Summerville	Faculty Colleagues	Clinical Mentorship	New ACI role
2010 - 2012	Diana Webber	Faculty Colleagues	Clinical Mentorship	New ACI role
2010 - 2010	Dennis Butler	Faculty Colleagues	Clinical Mentorship	New ACI role
2010 - 2012	Bo Glen	Faculty Colleagues	Clinical Mentorship	New ACI role
2010 - 2012	Celestine Dent	Faculty Colleagues	Clinical Mentorship	New ACI role
008 - 2009	Patricia Luthin	Faculty Colleagues	Clinical Mentorship	New ACI role

2008 - 2010	Alfreida Hogan	Faculty Colleagues	Clinical Mentorship	New ACI role
2008 - 2009	David Slabaugh	Faculty Colleagues	Clinical Mentorship	New ACI role
2007 - 2010	Janice Chiles	Faculty Colleagues	Clinical Mentorship	New ACI role
2007 - 2009	Theresa Hardy	Faculty Colleagues	Clinical Mentorship	New ACI role

ACADEMIC MENTORSHIP—Faculty				
University of Alabama at Birmingham				
2021-2022	Rebecca Suttle	Faculty Colleague	Leadership Role	New ADMIRE Chair
2019-2020	Bela Patel	Faculty Colleague	Leadership Role	New ADMIRE Chair
2019-2020	Angela Lowery	ACI Faculty	Didactic mentorship	New to didactic course
2017-2019	Amber Kinsley	Postdoc Colleague	Academic mentorship	Manuscript development
2017-present	Shawona Daniel	Faculty Colleague	Academic mentorship	Peer Navigator
2016-2017	Pamela Bryant	Faculty Colleagues	Academic Mentorship	Published manuscript
2015-2016	Michael Mosley	Faculty Colleagues	Academic Mentorship	Published manuscript
2015-2016	Carla Turner	Faculty Colleagues	Academic Mentorship	Published manuscript
2015-2016	Pamela Bryant	Faculty Colleagues	Academic Mentorship	Published manuscript
2012- 2013	D’Ann Somerall	Faculty Colleagues	Admin Mentorship	New to role
2010 - 2011	Lana Nealand	Faculty Colleagues	Academic Mentorship	New FNP track role
2009- 2010	Pamela Bryant	Faculty Colleagues	Academic Mentorship	New to NUR 602 course
2009 - 2010	Deborah Baldwin	Faculty Colleagues	Academic Mentorship	New to NUR 602 course
2008 - 2009	Melanie Daniels	Faculty Colleagues	Academic Mentorship	New to NUR 602 course
2007 - 2012	Annette Wright	Faculty Colleagues	Academic Mentorship	New to FNP track role
2008 - 2010	Brenda Iddins	Faculty Colleagues	Academic Mentorship	New to FNP track role
2007 - 2009	Jennifer DiCecco Loretta Lee	Faculty Colleagues	Academic Mentorship	New to FNP track role New to FNP track role

CURRICULUM VITAE



VICTOR A. DEL BENE, PHD

Personal information

Name: Victor A. Del Bene
Citizenship: United States
Foreign language(s): None
Phone: 205-569-9477

Rank/title

Department: Assistant Professor (Clinical, Non-tenure Track)
Department of Neurology
Business address: UAB School
of Medicine 650 Sparks Center
1720 7th Ave. South Birmingham, AL, 35294
Phone: (205) 934-2334
Fax: (205) 975-3094
Email: victordelbene@uabmc.edu

Licensure: Alabama #2148 Psychologist (since 2019)

Hospital and other (nonacademic) appointments:

University Hospital Staff Privileges

Education:

Year	Degree	Institution
2010	B.A. (Psychology)	Hofstra University
2014	M.A. (Clinical Psychology)	Yeshiva University (APA-Accredited)
2017	Ph.D. (Clin. Psychology, Neuropsychology Track)	Yeshiva University (APA-Accredited)

Master's Thesis: Cortical dynamics of interhemispheric transfer time in relation to corpus callosum microstructural integrity: A high-density electrical mapping and diffusion tensor imaging study.

Dissertation: Interhemispheric transfer of visual sensory information in autism spectrum disorder: A high-density electrical mapping study.

Practicum Training:

Year	Title	Institution
2010-2012	Clinical Psychology Extern	Albert Einstein College of Medicine; Rose F. Kennedy Center
2012-2013	Clinical Psychology Extern	Northport VA Medical Center; Mental Hygiene Clinic
2013-2014	Neuropsychology Extern	NYU Langone Medical Center, Comprehensive Epilepsy Center
2014-2015	Neuropsychology Extern	Columbia University Medical Center, Department of Neurology
2015-2016	Neuropsychology Extern	Northwell Health Southside Hospital, Physical Medicine & Rehab.

Internship Training:

Year	Title	Institution
2016-2017	Clinical Psychology Intern	University of Alabama at Birmingham (UAB) (APA-Accredited)

Postdoctoral Training:

Year	Title	Institution
2017-2019	Neuropsychology Fellow	Johns Hopkins School of Medicine, Department of Psychiatry

Academic Appointments:

Year	Rank/Title	Institution
09/19 – Present	Assistant Professor/Neuropsychologist (Non-tenure-track)	UAB, Department of Neurology

Other Appointments/Administrative Positions at UAB:

11/19 – Present	Associate Scientist, Comprehensive Neuroscience Center, UAB School of Medicine
10/20 – Present	Associate Scientist, Alzheimer's Disease Center (ADC), UAB School of Medicine
02/21 – Present	Investigator, Evelyn F. McKnight Brain Institute, UAB School of Medicine

Awards/Honors:

2017	The C.J. Rosecrans Psychology Internship Award (Intern of the Year) – UAB-BVAMC Internship
2016	American Academy of Clinical Neuropsychology Student Travel Scholarship – Unrestricted Type (\$500)
2015	APA Division 40 Association of Neuropsychology Students in Training (ANST) Member Highlight
2011-15	Dr. Norman Lamm Scholarship at the Ferkauf Graduate School of Psychology (Yearly Recipient)
2010	Leadership Education in Neurodevelopmental Disorders (LEND)

Professional societies:

American Academy of Clinical Neuropsychology (AACN)
 American Psychological Association (APA)
 APA Society for Clinical Neuropsychology (SCN; Division 40)
 Cognitive Neuroscience Society (CNS)
 International Neuropsychological Society (INS)
 National Academy of Neuropsychology (NAN)
 Society for Neuroscience (SfN)

External service activities:**Current:****National Academy of Neuropsychology (NAN)**

Publication Committee (2021 – Present) – Committee Member
 NAN Ambassador and Leadership Development Program (2021-2022) Immediate
 Past Chair, Student & Postdoctoral Resident Committee (2020)
 Chair, Student & Postdoctoral Resident Committee (Chair term: 2018-2019; Committee term 2017-2019)

International Neuropsychological Society (INS)

Teleneuropsychology Special Interest Group (2021-Present) – Member at Large 2019-2021 – Invited conference submission reviewer

KnowNeuropsychology <https://knowneuropsych.org>
 Committee member (2020 – Present)

Developed in 2020 in response to the COVID-19 pandemic to ensure neuropsychology trainees around the world continue receiving didactic training. Weekly webinars in neuropsychology, neuroscience, neurology, and psychiatry, presented by experts in the respective field.

**American Psychological Association (APA) - Society for Clinical Neuropsychology's (Division 40)
Association of Neuropsychology Students & Trainees (ANST)**

Membership Officer (2017)

Programming Officer (2018-2019)

Developed the *Meet the Authors* podcast, part of the APA journal *Neuropsychology*.

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UAB service activities:

1. UAB Deep Brain Stimulation Patient Selection Committee (member, monthly, 2019 – present)
2. UAB Epilepsy Center Surgical Meeting (member, monthly, 2021 – present)
3. UAB Clinical Psychology Internship APA-Accreditation Committee (member, weekly, 2019-present)
4. UAB Teleneuropsychology Service Development for Division of Neuropsychology (2019 – present)
5. Member of the UAB Psychology Training Consortium and Internship Selection Committee (2019 - present)
6. Supervision of interns affiliated with the Psychology Training Consortium, UAB (2019 - present)
7. Supervision of UAB clinical psychology doctoral students (2020 - present)

Teaching/mentoring experience:

Clinical and Research Mentoring and Training: (in chronological order)

Postdoctoral Fellows (1 total)

09/20 – 08/21 Karli Martin, Psy.D., Clinical/Research, Postdoctoral Fellow; UAB Department of Neurology

Interns (8 total)

09/19 – 07/20 Stephen Aita, Ph.D., Clinical/Research, psychology intern; Dartmouth-Hitchcock Postdoc Fellow

12/19 – 03/20 Alena Stasenko, Ph.D., Clinical, psychology intern; UCSD, Department Psychiatry Postdoc

12/19 – 03/20 Carissa Lane, Psy.D., Clinical, psychology intern; Philadelphia VA Medical Center Postdoc

09/20 – 12/20 Benjamin Eschler, Ph.D., Clinical, psychology intern; UAB Department of Psychiatry 04/21

– 07/21 Jordan Kennon, Ph.D., Clinical, psychology intern; UAB Spain Rehabilitation Postdoc 08/21 –

12/21 Lindsay Fruehauf, M.A., Clinical, psychology intern; UAB Psychiatry and Neurobiology

08/21 – Present Tina Jimenez, M.A., Clinical/Research, psychology intern; UAB Psychiatry and Neurobiology

08/21- Present Jennifer Nosker, M.A., Research, psychology intern; UAB Psychiatry and Neurobiology

UAB Doctoral Students (5 total)

01/20 – 03/20 Tyler Bull, M.S., Clinical, UAB clinical psychology doctoral student, Med. Psych Program 01/20

– 03/20 Terrence Penn, M.S., Clinical, UAB clinical psychology doctoral student, Med. Psych Program 07/21 –

09/21 Alena Borgatti, MS, Clinical, UAB clinical psychology doctoral student, Med. Psych Program 06/21 –

Present Christina DiBlasio, M.S., Clinical, UAB clinical psychology doctoral student, Med. Psych Program

06/21 – Present Cheyanne Barba, M.S., Clinical, UAB clinical psychology doctoral student, Med. Psych Program

Medical Students (2 total)

12/19 – Present Dario Marotto, B.S., Research, DO medical student, Alabama College Osteopathic Medicine 10/20

– Present Gabrielle Whilhem, BS., Research, MD medical student, UAB Medical School

Undergraduate Students (1 total):

02/18 – 05/19 William Catterall (Pre-Med), Johns Hopkins University, Undergraduate Research Assistant

Dissertation Committee Member (1 total):

January 2020 Ainara Gomez Gastiasoro, Ph.D., Dissertation Tribunal Member. Neuropsychological and neuroimaging markers and their potential use for schizophrenia diagnosis. Universidad de Deusto, Deusto, Spain.

Other Teaching/Mentorship Related Activities:

May 2021 Movement Disorders. Lecture to UAB neuropsychology postdoctoral fellows and clinical psychology interns.

April 2021 Neuropsychology and deep brain stimulation. Invited lecture (PY720) UAB MedPsych Doctoral Students.

February 2021 Important cultural and diversity considerations in clinical neuropsychology. Lecture to UAB neuropsychology postdoctoral fellows and clinical psychology interns.

March 2020 Integrating neuropsychology with structural and functional neuroimaging. Lecture to UAB neuropsychology postdoctoral fellows and clinical psychology interns.

Sept. 2019, 2020 UAB Medical Neuroscience “Brain” Module – Psychiatric & Neuropsychological Assessment; Provide an annual lecture to UAB medical students on cognitive assessment and psychometrics.

Spring 2016 Albert Einstein College of Medicine; Science of Cognitive and Affective Psychology - Lecturer and teaching assistant.

2012-2014 Albert Einstein College of Medicine; Cognitive Neurophysiology Laboratory Summer Education Program; Mentored high school and college summer research interns on experimental design, data collection via MRI, EEG, infrared eye tracking, and cognitive assessment, as well as data processing (EEG/ERP, MRI, fMRI, DTI).

Grant Support:**Current Co-Investigator Funding (2 total):**

University of Alabama Health Services Foundation (UAHSF) General Endowment Fund (GEF) Grants (Lazar, R.M., PI). Establishing a normative cognitive database for UAB medical professionals, 2021 – 2023, \$250,000

National Institute of Neurological Disorders and Stroke/NIH/DHHS (Walker, H.C., PI)

Non-invasive biomarkers to advance emerging DBS electrode technologies in Parkinson’s Disease 2016-2023

Bibliography:**Peer-Reviewed manuscripts already published: (17 total published or in-press; 349 citations, h-index = 8)**

* = corresponding author; ** = co-first author

1. **Del Bene, V.A.**, Crawford, J.L., Gómez-Gastiasoro, A., Vannorsdall, T.D., Buchholz, A., Ojeda del Pozo, N., Harris, J.C., Jinnah, H.A., & Schretlen, D.J. (*In Press*). Microstructural white matter abnormalities in Lesch-Nyhan Disease. *European Journal of Neuroscience* [IF = 3.38].
2. Lennon, J.C., Aita, S.L., **Del Bene, V.A.**, Rhoads, T., Resch, Z.J., Eloi, J., & Walker, K.A. (*In Press*). Black and white individuals differ in dementia prevalence, risk factors, and symptomatic presentation. *Alzheimer’s & Dementia* [IF = 21.57]

3. Vance, D.E., **Del Bene, V.A.**, Frank, J.S., Billings, R., Triebel, K., Buchholz, A., Rubin, L.H., Woods, S.R., & Fazeli, P.L. (*In Press*). Cognitive Intra-Individual Variability in HIV: An Integrative Review. *Neuropsychology Review*. [IF = 7.44]
4. Driskell, L.D., **Del Bene, V.A.**, & Sperling, S. (*In Press*). Selection criteria for postdoctoral training in clinical neuropsychology: A survey of training directors. *The Clinical Neuropsychologist* [IF = 1.81].
5. Rubin, L.H., Severson, J., Marcotte, T.D., Savin, M.J., Best, A., Johnson, S., Cosman, J., Merickel, M., Buchholz, A., **Del Bene, V.A.**, Eldred, L., Sacktor, N.C., Fuchs, J.B., Althoff, K.N., & Moore, R.D. (*In Press*). Screening for cognitive impairment using a brief, self-administered iPad-based tool in people with HIV seeking adult clinical care: an observational study. *JMIR Mental Health*. [IF = 4.39]
6. Niccolai, L.M., Aita, S.L., Walker, H.C., **Del Bene, V.A.**, Gerstenecker, A., Marotta, D., Gammon, M., Martin, R.C., Clay, O.J., Crowe, M., & Triebel, K.L. (2021). Correlates of deep brain stimulation consensus conference decision to treat primary dystonia. *Clinical Neurology and Neurosurgery*, DOI:10.1016/j.clineuro.2021.106747 [IF = 1.67, Altmetric = 8]
7. Gaudet, C.E. & **Del Bene, V.A.*** Neuropsychological assessment of the aging and cognitively impaired physician: A brief review and commentary. (2021). *Journal of Geriatric Psychiatry and Neurology*, 1-9. DOI:10.1177/08919887211016063. [IF = 2.13, Citations = 0, Altmetric = 7].
8. Foxe, J.J., **Del Bene, V.A.**, Ross, L.A., Ridgway, E.M., Francisco, A.A., & Molholm, S. (2020). Multisensory audiovisual processing in children with sensory processing disorder (II): Speech integration under noisy environmental conditions. *Frontiers in Integrative Neuroscience*, 14(39), DOI: 10.3389/fnint.2020.00039 [IF = 2.76, Citations = 0, Altmetric = 22].
9. **Del Bene, V.A.** & Brandt, J. (2020). Identifying neuropsychologically impaired physicians. *The Clinical Neuropsychologist*, DOI:10.1080/13854046.2019.1666922 [IF = 3.54, Citations = 3, Altmetric = 10].
10. Maiman, M.**, **Del Bene, V.A.****, Farrell, E., MacAllister, W.S., Sheldon, S., Arce Rentería, M., Slugh, M., Gazzola, D., & Barr, W.B. (2019). The utility of the Repeatable Battery of Neuropsychological Status (RBANS) in patients with temporal and non-temporal lobe epilepsy. *Archives of Clinical Neuropsychology*. [IF = 2.81, Citations = 1, Altmetric = 10].
11. Maiman, M., **Del Bene, V.A.**, Sheldon, S., Farrell, E., MacAllister, W.S., Arce Rentería, M., Slugh, M., Nadkarni, S.S., & Barr, W.B. (2018). Failure rates of reliable digit span (RDS): Does it adequately measure suboptimal effort in an adult epilepsy population? *Archives of Clinical Neuropsychology*. doi: 10.1093/arclin/acy027. [IF = 2.81, Citations = 9, Altmetric = 5].
12. Ross, L.A., **Del Bene, V.A.**, Woo, Y.J., Molholm, S., Andrade, G., Abrahams, B.S. & Foxe, J.J. (2017). Common variation in the autism risk gene CNTNAP2, brain structural connectivity, and multisensory speech integration. *Brain and Language*, 174, 50-60. [IF = 2.38, Citations = 9, Altmetric = 12].
13. **Del Bene, V.A.**, Arce Rentería, M., Maiman, M., Slugh, M., Gazzola, D., Nadkarni, S., & Barr, W.B. (2017). Increased odds and predictive rates of MMPI-2-RF scale elevations in patients with psychogenic non-epileptic seizures and observed sex differences. *Epilepsy & Behavior*, 72, 43-50. doi: 10.106/j.yebeh.2017.04.023. [IF = 2.06 Citations = 13, Altmetric = 5].
14. **Del Bene, V.A.**, Ross, L.A., Foxe, J.J., Krakowski, M.I., Czobor, P., & De Sanctis, P. (2016). Neuroanatomical abnormalities in violent individuals with and without a diagnosis of schizophrenia. *PLOS ONE*, 11(12): e0168100. doi: 10.1371/journal.pone.0168100. [IF = 3.24, Citations = 16, Altmetric = 6].

15. Woo, Y.J., Wang, T., Guadalupe, T., Nebel, R.A., Vito, A., **Del Bene, V.A.**, Molholm, S., Ross, L.A., Zwiers, M.P., Fisher, S.E., Foxe, J.J., & Abrahams, B.S. (2016). A common *CYFIP1* variant at the 15q11.2 disease locus is associated with structural variation at the language-related left supramarginal gyrus. *PLOS ONE*, 11(6): e0158036. doi: 10.1371/journal.pone.0158036. [IF = 3.24, Citations = 11, Altmetric = 3].
16. Zubkov, S., **Del Bene, V.A.**, MacAllister, W., Shepard, T., & Devinsky, O. (2015). Disabling amnesic syndrome following stereotactic laser ablation of a hypothalamic hamartoma in a patient with a prior temporal lobectomy. *Epilepsy and Behavior: Case Reports*, 4, 60-62. doi:10.1016/j.ebcr.2015.07.002. [IF = 2.38, Citations = 31, Altmetric = 4].
17. Ross, L.A., **Del Bene, V.A.**, Molholm, S., Frey, H.P., & Foxe, J.J. (2015). Sex differences in audiovisual speech processing in typically developing children and children with Autism Spectrum Disorder (ASD). *Frontiers in Neuroscience: Child and Neurodevelopmental Psychiatry*, 9, 185. doi: 10.3389/fnins.2015.00185. [IF = 4.68, Citations = 40, Altmetric = 18].
18. Foxe, J.J., Molholm, S., **Del Bene, V.A.**, Russo, N., Blanco, D., Frey, H.P., Saint-Amour, D., & Ross, L.A. (2013). Severe multisensory speech integration deficits in high functioning school-aged children with autism spectrum disorder (ASD) and their resolution during early adolescence. *Cerebral Cortex*, doi: 10.1093/cercor/bht213. [IF = 5.04, Citations = 203, Altmetric = 103].

Manuscripts submitted and under review (n = 4):

1. Willhelm, G., **Del Bene, V.A.**, Aita, S.L., Marotta, D., Gammon, M., Gerstenecker, A., Nabors, B., Fiveash, J., & Triebel, K.L. (*Under Review – R&R*). Cognitive dysfunction in non-brain metastatic cancer.
2. Aita, S.L., **Del Bene, V.A.**, Pizer, J.H., Hawley, N.A., Niccolai, L., Marotta, D.A., Walker, H.C., Gerstenecker, A., Martin, R.C., Clay, O.J., Crowe, M., Triebel, K.L., & Hill, B.D. (*Under Review*). Neuropsychological functioning in primary dystonia: An updated and expanded multi-domain meta-analysis.
3. Hewitt, K.C., Block, C., Bellone, J., Dawson, E., Garcia, P., Gerstenecker, A., Grabyan, J., Howard, C., Kamath, V., Lemonda-Dutt, B., Margolis, S., McBride, W., Salinas, C., Tam, D., Walker, K., & **Del Bene, V.A.** (*Under Review – R&R*). Teleneuropsychology lessons learned during the COVID-19 pandemic.
4. Li, W., Fazeli, P.L., Wang, G., Maqbool, M., **Del Bene, V.A.**, Triebel, K.L., Martin, K.M., & Vance, D.E. (*Under Review*). Predictors of an active lifestyle in middle-aged and older adults with HIV in the United States Deep South.

Manuscripts in Preparation (manuscript going through final preparation before submission; n = 5):

1. **Del Bene, V.A.**, Fazeli, P.L., Collette, C., Sribalusu, S., Triebel, K., & Vance, D. (*In Preparation*). Cognitive intra-individual variability in people living with HIV-associated neurocognitive disorder before and after processing speed cognitive training.
2. Schretlen, D.J., Finley, J.C., **Del Bene, V.A.**, & Varvaris, M. (*In Preparation*). The ubiquity of cognitive impairment in medicine: A systematic review of meta-analyses.
3. Al-Hurafi, A., Maiman, M., **Del Bene, V.A.**, Morrison, C.E., Gazzola, D.M., & Barr, W.B. (*In Preparation*). Cognitive impairment in patients with epilepsy and depression is related to sex and focal seizures.
4. Considine, C., Rossetti, M.A., **Del Bene, V.A.**, Anderson, K., Piccolino, A., Celka, A., Anderson, S.A., Teixeira, A., Nelson Sheese, A.L., Edmondson, M.C., & Stout, J. (*In Preparation*). Huntington Study Group's Neuropsychology Working Group Position on the Implementation of Non-motor Diagnostic Criteria in Huntington Disease.

5. Lennon, J.C., **Del Bene, V.A.**, Driskell, L.D., Singh, S., & Resch, Z. (*In Preparation*). Outcomes for Neuropsychology Trainees Applying for Internship: A Subspecialty Investigation and Comparison, 2017-2021

Other Publications (Non-Peer Reviewed; n = 7):

1. Grabyan, J.M. & **Del Bene, V.A.** (2020). Managing student loans in fellowship and beyond. *National Academy of Neuropsychology Bulletin*, 33(1), Spring 2020
2. **Del Bene, V.A.**, Arce Rentería, M., & Margolis, S.A. (2019). How to apply for and secure a postdoctoral fellowship in clinical neuropsychology. *National Academy of Neuropsychology Bulletin*, 32(1), Spring 2019.
3. **Del Bene, V.A.**, Zubkov, S., Shepherd, T.M., Devinsky, O., & MacAllister, W.S. (2018). Anterograde amnesia post-laser ablation of a hypothalamic hamartoma: An extended case study. *International Neuropsychological Society (INS) Member Newsletter: Clinical Case Series*, Spring 2018.
4. **Del Bene, V.A.** (2016). Fragile-X premutation carriers and Fragile-X associated tremor/ataxia syndrome (FXTAS). *ANST listserv Features Series: Research Roundup*, February 8, 2016.
5. Block, C., Davis, K., **Del Bene, V.A.**, Dumas, K., Kavabaugh, R., Loizos, M., & Ozer, Y.M. (2015). ANST: Training the next generation of disability advocates in neuropsychology. *The Society for Clinical Neuropsychology: Division 40 of the American Psychological Association, Summer/Fall 2015*, 33(2), pp. 17. *All authors, listed alphabetically, contributed equally to this work.
6. **Del Bene, V.A.** (2015). Autoimmune encephalopathy with DPPX antibodies. *ANST Listserv Features Series: Research Roundup*, January 15, 2015.
7. **Del Bene, V.A.** (2014). Hypothalamic hamartoma and its sequelae. *ANST Listserv Features Series: Research Roundup*, September 1, 2014.

Oral Presentations, Workshops, and Invited Talks (n = 21)

1. **Del Bene, V.A.** (April 2021). The neuropsychology of HIV. *Yale Neuropsychology Didactic Series* (Invited Zoom lecture). Yale University, New Haven, CT.
2. Driskell, L.D. & **Del Bene, V.A.** (January 2021). How to become a competitive neuropsychology postdoctoral fellowship candidate. *Yale Neuropsychology Didactic Series* (Invited Zoom lecture). Yale University, New Haven, CT.
3. Resch, Z.J., Duggan, E., DeDios-Stern, S., **Del Bene, V.A.**, & Matero, L. (August 2020). Skill-building workshop to prepare for specialty-track predoctoral internships. Presented virtually at the *Society for Clinical Neuropsychology, American Psychological Association*
4. **Del Bene, V.A.** (May 2020). Neuropsychological assessment of aging and impaired physicians. *Home Base, A Red Sox Foundation and Massachusetts General Hospital Program* (Invited Lecture delivered over Zoom). * Also presented May 2020 for *KnowNeuropsychology Didactic Series* with co-presenter Charles Gaudet
5. Driskell, L., Sperling, S., & **Del Bene, V.A.** (April 2020). How to become a competitive fellow and intern. *KnowNeuropsychology Didactic Series*
6. **Del Bene, V.A.** (March 2020). The neuropsychology of autoimmune encephalitis: A case of anti-DPPX encephalitis. *UAB Clinical Neuropsychology Case Conference*, Birmingham, AL.
7. Driskell, L.D., **Del Bene, V.A.**, McCrea, M., & Sperling, S. (February 2020). Selection criteria for postdoctoral training in clinical neuropsychology: A survey of training directors. *International Neuropsychological Society*, Denver, Colorado.

8. **Del Bene, V.A.**, Bajo, S., Gooding, A., Grabyan, J.M., & Parke, E. (November 15, 2019). Internship, Postdoc, & Early Career Panel. *National Academy of Neuropsychology*, San Diego, California.
9. **Del Bene, V.A.** (November 6, 2019). Laser ablation surgery in Epilepsy. *UAB Clinical Neuropsychology Case Conference*, Birmingham, AL.
10. **Del Bene, V.A.**, Sperling, S., Driskell, L.D., Block, C., Boxley, L., Bordes Edgar, V., Nash, L., Kuemmel, A., Pawlowski, C., Nash, J., Shook, C., & Esbitt, S. (August 9, 2019). Collaborative skill-building session: How to prepare for specialty-track predoctoral internships. *Society for Clinical Neuropsychology, American Psychological Association*, Chicago, Illinois.
11. Driskell, L.D., **Del Bene, V.A.**, Block, C.K., & Sperling, S. (August 8, 2019). Clinical Case Presentations Hosted by the Association of Neuropsychology Students & Trainees (ANST). Sponsor: The Society for Clinical Neuropsychology (APA Division 40). *Society for Clinical Neuropsychology, American Psychological Association*, Chicago, Illinois.
12. **Del Bene, V.A.** (May 7, 2019). Mood and affect in Parkinson's disease. *Johns Hopkins Movement Disorder Center's Patient Support Group*, Baltimore, Maryland.
13. **Del Bene, V.A.** (April 4, 2019). White matter and genetic correlates of neuropsychiatric conditions. *Dartmouth-Hitchcock Geisel School of Medicine*, Hanover, New Hampshire.
14. **Del Bene, V.A.** (March 5, 2019). The role of clinical neuropsychology in Parkinson's disease. *Johns Hopkins Movement Disorders Center's Patient Support Group*, Baltimore, Maryland.
15. **Del Bene, V.A.** (January 3, 2019). White matter microstructural integrity in Lesch-Nyhan disease. *Johns Hopkins Hospital, Medical Psychology Seminar*, Baltimore, MD.
16. **Del Bene, V.A.** (February, 2018). The neuropsychology of autoimmune encephalitis. *Johns Hopkins Hospital, Medical Psychology Seminar*, Baltimore, MD.
17. **Del Bene, V.A.** (April, 2017). Supervision in Medical Settings. *UAB Medical Center Clinical Psychology Internship Consortium*, Birmingham, AL.
18. **Del Bene, V.A.** (October, 2016). Clinical case presentation: Amnesia following the stereotactic laser ablation of a hypothalamic hamartoma. *UAB Medical Center Clinical Psychology Internship Consortium*, Birmingham, AL.
19. **Del Bene, V.A.** (March, 2016). A case of Fragile-X associated tremor/ataxia syndrome (FXTAS) in a female Fragile-X premutation carrier. *Northwell Health Clinical Psychology Training Program, Neuroscience Seminar*, Manhasset, NY.
20. **Del Bene, V.A.** (March, 2016). Using event related potentials and diffusion tensor imaging to investigate interhemispheric transfer time and multisensory integration in autism spectrum disorder and unaffected risk allele carriers. *Northwell Health Clinical Psychology Training Program, Neuroscience Seminar*, Manhasset, NY.
21. Foxe, J.J., Kim, J.K., Ross, L.A., **Del Bene, V.A.**, & Molholm, S. (2014). Mapping the multisensory speech network. *The 23rd ANT Burgundy Neurometing*, Beuane, Burgundy, France.

Poster Presentations (n = 46)

1. **Del Bene, V.A.**, Marotta, D.A., Lazzari, Z., Aita, S.L., Walker, H.C., & Bentley, J.N. (*Accepted*). Shared neural mechanisms of response inhibition across common tasks: A GingerALE meta-analysis of fMRI studies in healthy adults. *International Neuropsychological Society*.

2. Pizer J.H., Aita, S.L., Hawley, N.A., Myers, M.A., **Del Bene, V.A.**, Marotta, D.A., Niccolai, L., Walker, H.C., Gerstenecker, A., Martin, R.C., Clay, O.J., Crowe, M., Triebel, K.L., & Hill, B.D. (*Accepted*). Executive functioning in primary dystonia: A meta-analysis. *International Neuropsychological Society*.
3. **Del Bene, V.A.**, Fazeli, P.L., Martin, K., Collette, C., Triebel, K.L., Byun, J., Li, W., & Vance, D.E. (*Accepted*). Increased cognitive intra-individual variability in adults with HIV-Associated Neurocognitive Disorder is not reduced following cognitive training. *International Neuropsychological Society*.
4. Li, W., **Del Bene, V.A.**, Wang, G., Triebel, K.L., Martin, K., Byun, J., Azuero, A., Fazeli, P.L., & Vance, D.E. (*Accepted*). Perceived effects of individualized cognitive training in adults with HAND. *International Neuropsychological Society*.
5. Martin, K.M., Frank, J.S., Nakkina, S.R., Anderson, J., Prahbu, S., Fazeli, P.L., Li, W., **Del Bene, V.A.**, Triebel, K.L., & Vance, D.E. (*Accepted*). A systematic review of the benefits of olfactory intervention on cognitive and neurological outcomes across clinical populations. *International Neuropsychological Society*.
6. Vance, D.E., **Del Bene, V.A.**, Frank, J.S., Billings, R., Bail, J., Li, W., Martin, K., Byun, J., Triebel, K., & Fazeli P.L. (*Accepted*). Cognitive intra-individual variability in breast cancer survivors: A systematic review. *International Neuropsychological Society*.
7. Aita, S.L., **Del Bene, V.A.**, Pizer, J., Hawley, N., Niccolai, L., Marotta, D., Walker, H.C., Gerstenecker, A., Martin, R.C., Clay, O.J., Crowe, M., Triebel, K.L., & Hill, B.D. (*Accepted*). Neuropsychological functioning in primary dystonia: A multi-domain meta-analysis. *National Academy of Neuropsychology*.
8. Martin, K.M., **Del Bene, V.A.**, Triebel, K., Fazeli, P.L., & Vance, D.E., (*Accepted*). Positive associations between cognition and openness in HIV+ individuals with detectable viral loads. *National Academy of Neuropsychology*.
9. Vance, D.E., **Del Bene, V.A.**, Frank, J.S., Billings, R., Triebel, K., Buchholz, A., Rubin, L.H., Woods, S.P., Li, W., Byun, J., & Fazeli, P.L. (*Accepted*). Understanding the utility of cognitive intra-individual variability in HIV: Implications for neuroscience nursing. Association of Nurses in AIDS Care.
10. Al-Khurafi, A., Maiman, M., **Del Bene, V.A.**, Morrison, C., Gazzola, D., & Barr, W.B. (*Accepted*). Cognitive impairment in patients with epilepsy and depression is related to gender and etiology. *Diversifying Clinical Psychology Conference*.
11. Marotta, D.A., **Del Bene, V.A.**, Martin, R.C., Gonzalez, C., Bentley, J.N., Guthrie, B.L., Black, S., Nelson, M.J., & Walker, H.C. (*Accepted*). Longitudinal verbal fluency hemispheric asymmetry following unilateral subthalamic nucleus deep brain stimulation in patients with Parkinson's disease.
12. Marotta, D.A., Tucker, Z., Gammon, M., **Del Bene, V.A.**, Aita, S.L., Triebel, K., Gerstenecker, A., Fiveash, J., & Bentley, J.N. (*Accepted*). Sociodemographic and socioeconomic surrogates predict treatment and survival: A comparison of patients with low- and high-grade gliomas.
13. Marotta, D.A., Heard, M., Fowler, M.E., Aita, S.L., Buckley, S., Peterson, T., Nan, A., Jackovic, A.W., Cuff, B., **Del Bene, V.A.**, & Armstrong, L. (*Accepted*). Geographic disparities in county-level prevalence of allopathic, osteopathic, non-surgical, and surgical residency programs in the United States.
14. **Del Bene, V.A.** & Brandt, J. (2019). Detecting cognitive impairment in physicians. *47th Annual Meeting of the International Neuropsychological Society*, New York, NY.
15. **Del Bene, V.A.**, Crawford, J.L., Gómez-Gastiasoro, A., Jinnah, H.A., & Schretlen, D.J. (2019). Reduced white matter microstructural integrity in Lesch-Nyhan disease. *47th Annual Meeting of the International Neuropsychological Society*, New York, NY.

16. Crawford, J.L., **Del Bene, V.A.**, Gómez-Gastiasoro, A., Jinnah, H.A., & Schretlen, D.J. (2019). The relationship between white matter diffusion indices and the phenotypic traits of Lesch-Nyhan disease. *47th Annual Meeting of the International Neuropsychological Society*, New York, NY.
17. **Del Bene, V.A.**, Nicolai, L.M., Gerstenecker, A., Triebel, K., Martin, R., & Marson, D.C. (2018). Financial capacity deficits in patients with amnestic and non-amnestic forms of MCI. *46th Annual Meeting of the International Neuropsychological Society*, Washington D.C.
18. **Del Bene, V.A.**, Nicolai, L.M., Gerstenecker, A., Triebel, K., Martin, R., & Marson, D.C. (2018). Verbal memory decline on the California Verbal Learning Test-II (CVLT-II) in APOE4 gene carriers: A replication study. *46th Annual Meeting of the International Neuropsychological Society*, Washington D.C.
19. Nicolai, L.M., **Del Bene, V.A.**, Gerstenecker, A., Triebel, K., Martin, R., & Marson, D.C. (2018). Trail Making Test performances of patients with amnestic and non-amnestic MCI. *46th Annual Meeting of the International Neuropsychological Society*, Washington D.C.
20. Maiman, M., **Del Bene, V.A.**, Farrell, E., MacAllister, W.S., Vaurio, L., LeMonda, B., Sheldon, S., Slugh, M., Arce Rentería, M., & Barr, W.B. (2018). Observed sex differences with the Repeatable Battery for the Assessment of Neuropsychological Status (RBANS) in adult epilepsy patients. *46th Annual Meeting of the International Neuropsychological Society*, Washington D.C.
21. Maiman, M., **Del Bene, V.A.**, Farrell, F., MacAllister, W.S., Vaurio, L., LeMonda, B., Sheldon, S., Slugh, M., Arce Rentería, M., & Barr, W.B. (2018). Examining cutoff values of elevated BDI and BAI scores in relation to validity scales on the MMPI-2-RF in adults with epilepsy. *46th Annual Meeting of the International Neuropsychological Society*, Washington D.C.
22. Maiman, M., **Del Bene, V.A.**, Farrell, E., MacAllister, W.S., Vaurio, L., LeMonda, B., Sheldon, S., Slugh, M., Arce Rentería, M., & Barr, W.B. (2017). Association of epilepsy severity factors with performance on the Repeatable Battery for the Assessment of Neuropsychological Status (RBANS) in adults with temporal lobe epilepsy. *37th Annual Conference of the National Academy of Neuropsychology*, Boston, Massachusetts.
23. Maiman, M., **Del Bene, V.A.**, Farrell, E., MacAllister, W.S., Vaurio, L., LeMonda, B., Sheldon, S., Slugh, M., Arce Rentería, M., & Barr, W.B. (2017). Examining the clinical utility of the Repeatable Battery for the Assessment of Neuropsychological Status (RBANS) for characterizing seizure lateralization in adults with temporal lobe epilepsy. *37th Annual Conference of the National Academy of Neuropsychology*, Boston, Massachusetts.
24. Maiman, M., **Del Bene, V.A.**, MacAllister, W.S., Farrell, E., Vaurio, L., Arce Rentería, M., Slugh, M., Sheldon, S., & Barr, W.B. (2017). Do MMPI-2-RF profiles vary as a function of seizure type: temporal lobe epilepsy vs. generalized epilepsy? *125th American Psychological Association*, Washington, D.C.
25. Arce Rentería, M. Guzman, V., Tell, E., **Del Bene, V.A.**, Clark, U., Byrd, D., Morgello, S., & Rivera Mindt, M. (2017). Characterization of neurocognitive intra-individual variability among HIV+ adults with and without current cocaine use. *45th Annual Meeting of the International Neuropsychological Society*, New Orleans, Louisiana.
26. Maiman, M., **Del Bene, V.A.**, MacAllister, W.S., Farrell, E., Vaurio, L., Arce Rentería, M., Slugh, M., & Barr, W.B. (2017). Subjective cognitive complaints on the MMPI-2-RF are not associated with cognitive performance on neuropsychological measures in a sample of adult epilepsy patients. *45th Annual Meeting of the International Neuropsychological Society*, New Orleans, Louisiana.
27. **Del Bene, V.A.** & Assuras, S. (2016). Cognitive changes in a woman with Fragile-X premutation carrier status presenting with symptoms related to Fragile-X Associated Tremor/Ataxia Syndrome. *36th Annual National Academy of Neuropsychology*, Seattle, Washington.
28. **Del Bene, V.A.**, Maiman, M., Farrell, E., Arce Rentería, M., Sheldon, S., & Barr, W.B. (2016). Failure and false positive rates of the Repeatable Battery for the Assessment of Neuropsychological Status embedded effort index in

patients with epilepsy and its relationship with Test of Memory Malingering Trial 1 scores. *14th Annual American Academy of Clinical Neuropsychology*, Chicago, Illinois.

29. Maiman, M., **Del Bene, V.A.**, Farrell, E., Sheldon, S., Arce Rentería, M., & Barr, W.B. (2016). Failure Rates of Trial 1 of the Test of Memory Malingering (TOMM) and Reliable Digit Span (RDS): Do They Adequately Measure Effort in an Adult Epilepsy Population? *14th Annual American Academy of Clinical Neuropsychology*, Chicago, Illinois.
30. Ross, L.A., **Del Bene, V.A.**, Woo, Y.J., Molholm, S., Andrade, G., Abrahams, B.S., & Foxe, J.J. (2016). The association between autism associated polymorphism on *CNTNAP2*, with brain structural connectivity and multisensory speech integration. *23rd Annual Meeting of the Cognitive Neuroscience Society*, New York, New York.
31. **Del Bene, V.A.**, Ross, L.A., Molholm, S., & Foxe, J.J. (2016). Evidence for an audiovisual multisensory speech integration sex-linked autism spectrum endophenotype. *23rd Annual Meeting of the Cognitive Neuroscience Society*, New York, New York.
32. **Del Bene, V.A.**, Arce Rentería, M., Maiman, M., Slugh, M., & Barr, W.B. Likelihood of MMPI-2-RF elevations in patients with psychogenic non-epileptic seizures. *The Clinical Neuropsychologist*, Abstracts for the 2015 Society for Clinical Neuropsychology (American Psychological Association), 29:4, 396-412, doi: 10.1080/12854046.2015.1061056 (APA 2015, Toronto).
33. **Del Bene, V.A.** & Assuras, S. (2015). A rare case of autoimmune encephalopathy with DPPX antibodies: A first look at the cognitive profile. *The Clinical Neuropsychologist*, Abstracts for the 2015 AACN Scientific Poster Session, 29:3, 308-393, doi: 10.1080/13854046.2015.1040457. (AACN 2015 – San Francisco).
34. Ross, L.A., **Del Bene, V.A.**, Woo, Y.J., Molholm, S., Andrade, G., Abrahams, B.S., & Foxe, J.J. (2015). The association between autism associated polymorphism on *CNTNAP2*, with brain structural connectivity and multisensory speech integration. *16th International Multisensory Research Forum*, Pisa, Italy.
35. Brennan, D., **Del Bene, V.A.**, Butler, J.S., Molholm, S., Foxe, J.J., & Ross, L.A. (2015). An fMRI investigation of the development of hemispheric differentiation in multisensory speech integration in neurotypical children and adolescents and those with autism spectrum disorder. *Adelphi Undergraduate Research Day*, Garden City, New York.
36. **Del Bene, V.A.**, Ross, L.A., Weitekamp, M., Woo, Y.J., Andrade, G.A., Molholm, S., Abrahams, B.S., & Foxe, J.J. (2015). Association between autism-linked polymorphism in *CNTNAP2* and bilateral caudate nucleus volume reductions in healthy adults. *43rd Annual Meeting of the International Neuropsychological Society*, Denver, Colorado.
37. MacAllister, W.S., **Del Bene, V.A.**, Maiman, M., Coulehan, K., & Vasserman, M. (2015). Adventures in pediatric and adolescent performance validity testing: A case series. *43rd Annual Meeting of the International Neuropsychological Society*, Denver, Colorado.
38. Weitekamp, M., **Del Bene, V.A.**, Molholm, S., Ross, L.A., & Foxe, J.J. (2014). Volumetric differences in the amygdala, hippocampus, and caudate nucleus in autism spectrum disorder. *2014 Biomedical Engineering Society Annual Meeting*, San Antonio, Texas.
39. Kim, J.K., Ross, L.A., Butler, J.S., **Del Bene, V.A.**, Molholm, S., & Foxe, J.J. (2014). Individual differences in audiovisual integration of speech: behavior and functional connectivity. *20th Annual Meeting of the Organization for Human Brain Mapping*, Hamburg, Germany.
40. **Del Bene, V.A.**, De Sanctis, P., Krakowski, M.I., Foxe, J.J., & Ross, L.A. (2013). Amygdala volume and history of violence in schizophrenia. *65th Institute of Psychiatric Services*, Philadelphia, Pennsylvania. Invited encore presentation. Originally presented at the *166th Annual American Psychiatric Association*, San Francisco, California.
41. Papandrew, C., Foxe, J.J., **Del Bene, V.A.**, & Ross, L.A. (2013). Interhemispheric connectivity and subthreshold autism traits in healthy adults. *25th Annual Meeting Convention of the Association for Psychological Science*, Washington D.C.
42. **Del Bene, V.A.**, Zemon, V., Butler, J.S., Ross, L.A., Molholm, S., & Foxe, J.J. (2013). Diffusion weighted imaging and reaction times in an interhemispheric relay task. *10th Annual Yeshiva University Behavioral & Social Sciences Student Research Conference*, Bronx, New York.

43. **Del Bene, V.A.**, Ross, L.A., Molholm, S., Blanco, D., Frey, H.P., Saint-Amour, D., & Foxe, J.J. (2013). Severe multisensory speech integration deficits in high-functioning children with Autism Spectrum Disorder (ASD) and their resolution during early adolescence. *Inaugural Rose F. Kennedy Intellectual and Developmental Disabilities Research Center Symposium*, Bronx, NY.
44. **Del Bene, V.A.**, Butler, J.S., Andrade, G.A., Molholm, S., & Foxe, J.J. (2013). Atypical visual habituation in children with autism: A high density electrical mapping study. *41st Annual Meeting of the International Neuropsychological Society*, Waikoloa, Hawaii.
45. **Del Bene, V.A.**, Butler, J.S., Zemon, V., & Foxe, J.J. (2012). An approach to investigating interhemispheric transfer (IHT) in the autism spectrum population as assessed with psychophysical and electrophysiological techniques. *9th Annual Yeshiva University Behavioral & Social Sciences Student Research Conference*, Bronx, New York.
46. **Del Bene, V.A.**, & Novak, S.A. (2011). Personal and societal influences that affect student's attitudes about school health policies. *82nd Annual Meeting of the Eastern Psychological Association*, Cambridge, Massachusetts.

Invited Reviewer:

Archives of Clinical Neuropsychology; Applied Clinical Neuropsychology: Adult; Biological Psychiatry: Brain Imaging and Behavior; Cognitive Neuroscience and Neuroimaging; European Journal of Neuroscience; Genes, Brain, & Behaviors; Journal Image: Clinical; Neuromodulation; Rehabilitation Psychology.

CURRICULUM VITAE



Kristine L. Lokken (Edmondson), Ph.D.

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Electronic: kristinelokken@uabmc.edu
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Work Experience

7/1/2021- Present Chief Psychologist, Associate Professor, Neuropsychologist, Director of Graduate Student Training for Psychology in the Department of Psychiatry and Behavioral Neurobiology, University of Alabama at Birmingham (UAB)
10/5/20-6/30/2021 Associate Professor, Neuropsychologist, Director of Graduate Student Training for Psychology & Director of Clinical Operations for Psychology in the Department of Psychiatry and Behavioral Neurobiology; UAB
8/2019 – 7/2020 Neuropsychologist and Partner, Brain Health & Research Institute, PLLC; 200 W Mercer Street, Suite E 506, Seattle, WA 98119.
4/2016 – Present Co-Founder/Owner/CEO, Brain Health Institute, Inc.; Former Site: 3125 Independence Drive, Suite 114, Birmingham, AL 35209.
8/2009 – Present Owner, Alabama Neurobehavior, Individual Private Practice. Forensic neuropsychological services.
3/2009 – 9/2019 Neuropsychologist and Director of the Rehabilitation Neuropsychology Service, Birmingham VA Medical Center. Site: Birmingham VA Clinic, Physical Medicine & Rehabilitation Service/Mental Health; 2415 7th Avenue South, Birmingham, AL 35233.
6/2005 – 2/2009 Assistant Professor, Neuropsychologist; Site: Department of Psychiatry and Behavioral Neurobiology; UAB
5/2003 – 5/2005 Neuropsychology Services, Individual Private Practice; Site: Tuscaloosa, AL
8/2001 – 5/2005 Assistant Professor; Site: Department of Psychology, University of Alabama

Academic Appointments and Training Experience

11/2012 - Present Graduate Faculty, Department of Psychology, University of Alabama at Birmingham
8/2001 - Present Graduate Faculty, Department of Psychology, University of Alabama, Tuscaloosa
7/2010 – Present Adjunct Faculty, Department of Psychology, University of Alabama at Birmingham
8/2009 – 9/2020 Clinical Assistant Professor, Department of Psychiatry. UAB
9/2007 – Present Associate Scientist (Academic Appointment); Site: UAB CNRU
10/2004 – 5/2005 Postdoctoral Fellow: Site: Department of Psychiatry; UAB
5/2002 – 5/2003 Postdoctoral Fellow: Consulting Clinical Neuropsychologist; Site: Neuropsychology Clinic, Northport, AL
7/2000 – 6/2001 Psychology Internship Experience: Neuropsychology Resident; Site: Rush-Presbyterian-St. Luke's Medical Center, Chicago, IL (APA Accredited Psychology Internship)
8/1999 – 6/2000 Graduate Training Experience: Neuropsychology Associate; Site: MeritCare Neurosciences, Fargo, ND.
9/1998 – 8/1999 Graduate Training Experience: Behavioral Medicine/Neuropsychology Trainee; Site: Indian Health Service Mental Health and Social Services, Fort Totten Indian Reservation, Fort Totten, ND
5/1998 – 8/1998 Graduate Summer Training Experience: Clinical Neuropsychology Trainee; Site: VA Medical Center, Eugene, OR.
7/1994 – 3/1996 Post-baccalaureate Experience: Neuropsychology Technician; Site: Arthur Benton Neuropsychology Laboratory, Department of Neurology, University of Iowa Hospitals and Clinics, Iowa City, IA.

Education

Ph.D.

Date: 2001, University of North Dakota, (APA Accredited)

Degree: Clinical Psychology, Neuropsychology & Health Psychology emphases

M.A. **Date:** August, 1998, University of North Dakota
Degree: Clinical Psychology
B.S. **Date:** December, 1993, University of North Dakota
Degree: Honor's Degree, *Summa Cum Laude*
Major: Psychology, **Minors:** Biology and Communications

Certification and Licensure

1/2020 – Present Licensed Psychologist, Washington Certificate License PY 61017478
5/2002 – Present Licensed Psychologist; Alabama Certificate License Number 1206
Under Review PSYCHPACT Interjurisdictional Psychology License
2015 – 7/1/2020 ASPPB Interjurisdictional Practice Certificate 4448 (additionally licensed in GA, MS, ID, KY, OH, and SC)
2019 – Present ASPPB Certificate of Professional Qualifications (CPQ)
12/2020-Present Idaho Temporary Psychology License
5/2020 – Present Florida Telehealth Provider Number 121
8/2020 - Present North Carolina Temporary Psychology License
9/2020-12/2020 New York Temporary Psychology License
2015 – Present The Institute of Functional Medicine – AFMCP
2018 – Present Wahls Protocol Certified Health Professional
2017 – Present Brain Longevity Specialist, The Alzheimer's Research and Prevention Foundation
2021 – Present Center for Nutritional Psychology NP 110 Certificate

Professional Affiliation

American Psychological Association (APA), Member
APA Division 40 (Clinical Neuropsychology), Member
National Academy of Neuropsychology, Member
International Neuropsychological Society, Member
The Institute of Functional Medicine, Member
Center for Nutritional Psychology, Member, Thought Leader, Steering Committee, & CE Planning Committee

Grants and Scholarship Awards

2020-21 "Mobile Technology-Based Simultaneous Aerobic Exercise and Memory Training Intervention for Older Adults with Mild Cognitive Impairment", NIA R21 AG061494, Sarah McEwen, Pacific Neuroscience Institute (PI), Kristine Lokken, UAB (Consultant)
Submitted "Examining Neurocognitive Trajectories and Dementia Risk in Middle-aged and Older adults with COVID-19", Katz ESI R01 submission, Pariya Wheeler (PI), Kristine Lokken (Co-I)
Submitted "A Therapy for Long COVID Brain Fog and Cognitive Impairment", RO1 submission Edward Taub (Co-PI) & Gitendra Uswatte (Co-PI), Kristine Lokken (Co-I)
2019 "The **brainH.E.A.L.T.H. Prevention Protocol**", Project funded by Alzheimer's Foundation of America Spring 2019 Bi-Annual Grant (in conjunction with Alzheimer's of Central Alabama): Dr. Kristine Lokken (Principal Investigator); Christina Piorpaoli Parker, (Co-PI).
2018-2019 "The **brainH.E.A.L.T.H.** protocol: Development, implementation, and evaluation of a psycho-educational health intervention pilot for dementia caregivers and at-risk persons", Project Funded by Alzheimer's of Central Alabama (ACA): Dr. Kristine Lokken (Principal Investigator), Christina Piorpaoli Parker, (Co-PI).
2012-2017 "Impact of sport and recreation programs on health outcomes for injured service members and their families", Project Funded by the Lakeshore Foundation, Dr. Laura Dreer, Principal Investigator; Dr. K. Lokken, Collaborator.
2012-2017 "Efficacy of a cognitive-behavioral therapy intervention for family caregivers of service members with traumatic brain injury", NIDR, Dr. Laura Dreer, Principal Investigator; Dr. K. Lokken, Co-Investigator.
2011-2015 "A pilot trial of lithium in progressive Multiple Sclerosis", Li Grant, Department of Veterans Affairs. Dr. J. Rinker, Principal Investigator; Dr. K. Lokken, Study Neuropsychologist
2009-2014 Birmingham VAMC/UAB Neurology CASL Study, Dr. D. Clark, Principal Investigator; Dr. K. Lokken, Consultant.
2007-2009 "Decision making, problem solving, and impulsivity in obese adolescents", Clinical Nutrition Research Center Pilot/Feasibility Study: Drs. K. Lokken & H. Austin, Co-Principal Investigators (completed).
2006 "Executive dysfunction in obese individuals undergoing bariatric surgery: Examining behavioral, cognitive, and emotional correlates of surgical outcome", UAB Psychiatry Research Committee Grant: Dr. K. Lokken, Principal Investigator (completed).
2006 UAB Clinical Research Training Program (CRTP): NIH K30 Training Grant (completed).
2003-2006 "Training geropsychologists for an aging America", Funded by the Bureau of Health Professionals, (funded 9/30/03), Dr. F. Scogin, Project Director, Dr. K. Lokken, Co-Investigator (completed).
2004-2006 "Using the Pictorial Stroop to assess bulimia nervosa" Supervised McWane Undergraduate Fellowship, University of Alabama, L. Alexander, Principal Investigator, Dr. K. Lokken, Faculty Mentor (completed).

- 2004 “Using the RBANS to identify mild cognitive impairment among community dwelling older adults”, Research Advisory Committee Grant, University of Alabama, Dr. K. Lokken, Principal Investigator (completed).
- 2003 “Using the Stroop paradigm as a quantitative measure of psychopathology for diagnosing bulimia nervosa”, Supervised Undergraduate Research Grant funded by Psi Chi Undergraduate Research Grants Program, H. Marx, Principal Investigator, Dr. K. Lokken, Faculty Mentor (completed).
- 2002 “Psychosocial predictors of treatment outcome in gastric bypass surgery”, Research Advisory Committee Grant, University of Alabama, Dr. K. Lokken, Principal Investigator (completed).
- 2000 Intercollegiate Academic Grant, University of North Dakota
- 2000 “The analysis of information processing and neuropsychological functioning in women with eating disordered symptoms”, University of North Dakota Summer Doctoral Fellowship, K. Lokken, Principal Investigator.
- 1999 North Dakota EPSCoR Travel Grant, University of North Dakota
- 1999 Intercollegiate Academic Grant, University of North Dakota
- 1999 Neil C. MacDonald Scholarship for Outstanding Graduate Student, University of North Dakota
- 1998 Intercollegiate Academic Grant, University of North Dakota
- 1996-2000 Full Tuition Scholarship and University Fellowship, University of North Dakota

Areas of Research Interest

Prevention of Cognitive Impairment and Healthy Aging; Alzheimer’s Disease and Related Dementias; Mild Cognitive Impairment; Subjective Cognitive Impairment; Neuropsychology of Post-Acute Sequelae of SARS-CoV-2 Infection (PASC), Traumatic Brain Injury; Multiple Sclerosis; Neuropsychology of Eating Disorders and Obesity; Neurobehavioral Correlates of Binge Eating and Chaotic Eating Behavior; Holistic Psychology; Medical/Surgical Neuropsychology; Women’s Health Issues

Research Experience

- 10/2020-Present UAB neuroCOVID Research Group, Member: Submission of Parent IRB for post-COVID Registry; Coordination of telehealth neuropsychological battery and RedCAP database
- 8/2019 – 7/2020 Translational Research Liaison, Brain Health & Research Institute: Assist in data collection, systemization, and interpretation. Meet with ISB scientists bi-weekly to examine goals, hypothesize, and procurement of research trajectory. Research is focused on 1) dense phenotyping to identify the earliest transition points of the disease; 2) a multimodal therapy to prevent, restore, and stabilize cognitive dysfunction; and 3) innovative cognitive interventions to improve cognitive function (strength-based learning).
- 2016 – Present Research Director, Brain Health Institute, Inc: Created and implemented a laboratory staffed with a graduate student and research assistants. Examining biomarkers associated with cognitive impairment and lifestyle intervention for cognitive issues.
- 2005 – 2009 Research Director, UAB Department of Psychiatry Behavioral Medicine/Neuropsychology Research Laboratory: Created and implemented a laboratory designed to investigate neuropsychological phenomena, specifically neurobehavioral correlates of individuals undergoing liver transplantation and bariatric surgery
- 2001-2005 Research Director, University of Alabama Neuropsychology Research Laboratory: Created and implemented a laboratory designed to investigate neuropsychological phenomena, specifically neurobehavioral correlates of obesity and bulimia nervosa.

Publications and Presentations

Published Manuscripts & Book Chapters

Ross, M.K., Raji, C., **Lokken, K.L.**, Bredesen, D. E., Roach, J.C., Funk, C.C., Price, N.P., Rappaport, N. Hood, L., & Heath, J.R. (in press). Case Study: A Precision Medicine Approach to Multifactorial Dementia and Alzheimer’s Disease. *Journal of Alzheimers Disease & Parkinsonism*.

Burgess, E.E., Sylvester, M.D., Morse, K.E., Amthor, F.R., Mrug, S., **Lokken, K.L.**, Osborn, M.K., Soleymani, T., & Boggiano, M.M. (2016). Effect of transcranial direct current stimulation (tDCS) on binge eating disorder. *International Journal of Eating Disorders*, 49, (10). 930-937. 2016 IJED Early Investigator Best Paper Award.

Boggiano, M.M., Burgess, E.E., Turan, B., Soleymani, T., Daniel, S., Vinson, L.D., **Lokken, K.L.**, Wingo, B.C., & Morse, A. (August 2014). Motives for eating tasty foods associated with binge-eating: Results from a student and a weight-loss seeking population. *Appetite*, 83C, 160-166. doi: 10.1016/j.appet.2014.08.026. [Epub ahead of print]

- Clark, D.G., Wadley, V.G., Kapur, P., DeRamus, T.P., Singletary, B., Nicholas, A.P., Blanton, P.D., **Lokken, K.**, Deshpande, H., Marson, D., Deutsch, G. (2014). Lexical Factors and Cerebral Regions Influencing Verbal Fluency Performance in MCI. Neuropsychologia, 54, 98-111.
- Clark, D.G., Kapur, P., Geldmacher, D.S., Brockington, J.C., Harrell, L., DeRamus, T.P., Blanton, P., **Lokken, K.**, Nicholas, A.P., & Marson, D.C. (2014). Latent information in fluency lists predicts functional decline in persons at risk for Alzheimer Disease. Cortex, 55, 202-218
- Burgess, E.E. Bulent, T., **Lokken, K.L.**, Morse, A., & Boggiano, MM (January 2014). Profiling motives behind hedonic eating: Preliminary validation of the Palatable Eating Motives Scale. Appetite, 72 (1), 66-72
- Block, C., Fabrizio, K., Bagley, B., Hannah, J., Camp, S., Mindingall, N., Labbe, D., & **Lokken, K.** (2013). Assessment of veteran and caregiver knowledge about mild traumatic brain injury in a VA Medical Center. The Journal of Head Trauma Rehabilitation, DOI: 10.1097/HTR.0b013e3182886d78.
- Worthy, S. L., Pilcher, K., **Lokken, K. L.**, & Boeka, A. (2012). Factors influencing consumer vulnerability to weight-loss advertising among obese consumers, Journal of Family and Consumer Sciences, 104(4), 46-51.
- Boeka, A. & **Lokken, K.L.** (2011). Prefrontal systems involvement in binge eating. Eating and Weight Disorders, 16, e121-e126.
- Solomon, A. C., **Lokken, K.**, Boeka, A., Bynon, S., Bloomer, J., & McGuire, B. (2011). A biopsychosocial approach to liver transplant evaluation in two patients with Wilson's disease. Psychology, Health, and Medicine, 16(3). 268-275.
- Worthy, S., **Lokken, K.**, Pilcher, K., & Boeka, A. (2010). Demographic and lifestyle variables associated with obesity. Health Education Journal, 69 (4). 372-380.
- Boeka, A., Prentice-Dunn, S., & **Lokken, K.** (2010). Psychosocial predictors of intentions to comply with bariatric surgery guidelines. Psychology, Health, and Medicine, 5(2), 188-197.
- Lokken, K.**, Boeka, A., Yellumahanthi, K., Wesley, M., & Clements, R. H., (2010). Cognitive performance of morbidly obese patients seeking bariatric surgery. The American Surgeon, 76 (1). 55-9.
- Lokken, K.**, Boeka, A., Austin, H., Gunstad, J., & Harmon, C.M. (2009). Evidence of executive dysfunction in extremely obese adolescents: A pilot study. Surgery for Obesity and Related Diseases, 5(5), 547-552.
- Boeka, A.G., **Lokken, K.L.**, Miller-Kovach, K., Cronan, G.E., & O'Neil, P.M. (2009). Relations of hedonic hunger and binge eating among treatment-seeking overweight and obese adults. Obesity, 17 (Supp) S316.
- Lokken, K.**, Worthy, S.L., Ferraro, F.R., & Attmann, J. (2008). Bulimic symptoms and body image dissatisfaction in college women: More affected by climate or race? Journal of Psychology: Interdisciplinary and Applied, 142(4), 386-394.
- Boeka, A. & **Lokken, K.** (2008). Neuropsychological performance of a clinical sample of extremely obese individuals. Archives of Clinical Neuropsychology, 23 (4), 467-474.
- Attmann, J., Worthy, S. L. & **Lokken, K.** (2007). Body dissatisfaction, bulimic symptoms, and clothing practices among college women. Journal of Psychology: Interdisciplinary and Applied, 141, 485-498.
- Boeka, A. & **Lokken, K.** (2006). The Iowa Gambling Task as a measure of decision making in women with bulimia nervosa. Journal of the International Neuropsychological Society, Vol. 12 (5), 741-745.
- Lokken, K.**, Marx, H., & Ferraro, F.R. (2006). Severity of bulimic symptoms is the best predictor of interference on an emotional Stroop paradigm. Eating and Weight Disorders, Vol. 11(1), 38-44.
- Lokken, K. L.**, & Ferraro, F. R. (2006). The relationship between menopausal status, phase of the menstrual cycle, and replacement estrogen on cognition in healthy women without dementia. Journal of Psychology, Vol. 140 (6), 533-548.
- Thorn, B.E. & **Lokken, K.L.** (2006). Biological influences. In F. Andrasik (Series Ed.) & M. Hersen & J.C. Thomas (Vol. Eds.), Comprehensive handbook of personality and psychopathology; Vol. 2. Adult Psychopathology. New York: John Wiley & Sons.

Lokken, K., Lokken-Worthy, S., & Trautmann, J. (2004). Examining the links among magazine preference, levels of awareness and internalization of sociocultural appearance standards, and presence of eating-disordered symptoms in college women. Family and Consumer Sciences Research Journal, 32 (4), 361-381.

Allen, R. S., Kwak, J., **Lokken, K.**, & Haley, W. E. (2003). Provision of end-of-life care in Alzheimer's disease. Alzheimer's Care Quarterly, 4:4, 312-330.

Lokken, K., Ferraro, F.R., Kirchner, T., & Bowling, M. (2003). Gender differences in body size dissatisfaction among individuals with low, medium, or high levels of body focus. Journal of General Psychology, 130, 305-310.

Sjulson, N., Ferraro, F.R., **Lokken, K.**, & Petros, T. (2001). Prose recall performance among pre-, peri-, and post-menopausal middle-aged women. Psychology and Education, 38, 33-35.

Lokken, K., Ferraro, F.R., Petros, T., Thompson, S., Teetzen, M., & Bergloff, P. (1999). The effect of importance level, delay, and rate of forgetting on prose recall in Multiple Sclerosis. Applied Neuropsychology 6(3), 147-153.

Manuscripts In Progress

Lokken, K., McMinn, J., Pierpaoli Parker, C., & Springer, J.G. (under review). Outcome data from a brain health program.

Springer J.G., Pierpaoli Parker C. McMinn J., **Lokken K.** (under review). Hyperhomocysteinemia and Cognitive Functioning.

Lokken, K. (under review). Multi-modal treatment of cognitive decline: Changing the landscape

Lokken, K., McMinn, J., Pierpaoli Parker, C., & Springer, J.G. (in progress). Biomarkers associated with cognitive dysfunction.

Hood, L., Bredesen, D. **Lokken, K.**, Price, N., Ross, M.K., & Heath, J. (in progress). A systems medicine approach to Alzheimers Disease: Focusing on prevention, early intervention, and resolving the underlying issues.

Scholarly Presentations and Published Abstracts

Symposium

Lokken, K.L., Agnihotri, S., Williams, M., Martin, R., Wheeler, P., & Uswatte, G. (under review). "Neuropsychiatric effects of SARS-CoV-2 Infection". Submission to 2022 International Neuropsychological Society Annual Meeting, NOLA.

Papers

Burgess, E., Sylvester, M., Morse, K., Wenger, L., Amthor, F., Mrug, S., **Lokken, K.**, Soleymani, T., & Boggiano, M. (2016, May). Sex effects of transcranial direct current stimulation (tDCS) on binge eating disorder (BED) and sub-threshold BED. Oral presentation at International Conference on Eating Disorders (ICED), San Francisco.

Burgess, E., Sylvester, M., Morse, K., Wenger, L., Amthor, F., Mrug, S., **Lokken, K.**, Soleymani, T., & Boggiano, M. (2015, October). Effects of transcranial direct current stimulation (tDCS) on binge eating disorder (BED) and sub-threshold BED. Invited departmental talk at King's College London, Eating Disorders Section.

Burgess, E., Turan, B., **Lokken, K.**, Morse, A., & Boggiano, M.M. (2014). The Palatable Eating Motives Scale (PEMS) reveals sex differences behind eating tasty foods that can predict binge-eating risk. Eating Disorders International Conference. London, UK; March 13th 2014.

Worthy, S. L., Pilcher, K., **Lokken, K. L.**, & Boeke, A. (2009). The relationship between advertising vulnerability and weight-loss strategy usage among obese consumers. Marketing and Public Policy Conference Proceedings, 19, 132-133.

Boeka, A. **Lokken, K.L.**, Austin, H., & Gunstad, J. (2007, November). Specific cognitive effects of bariatric surgery in teens. Paper presented at the Alabama Psychological Association fall meeting.

Rodriguez, R.L., **Lokken, K.L.**, & Crowther, M.R. (2004, November). Mild cognitive impairment in a sample of community-dwelling older adults. Paper presented at the Gerontological Society of America's 57th Annual Scientific Meeting, Washington, DC.

Lokken, K., Boeka, A., & Patterson, T. (2004, February). Cognitive deficits in bulimia nervosa. Paper presented at the 32nd Annual Meeting of the International Neuropsychological Society, Baltimore, MD, (publication in Journal of the International Neuropsychological Society).

Trautmann, J., Lokken-Worthy, S.L., & **Lokken, K.** (2003, November). Discovering dress' relationships to college females' body image dissatisfaction: A study of appearance-management behaviors. Paper presented at the International Textiles and Apparel Association (ITAA) Proceedings, Savannah, GA.

Trautmann, J., Lokken, S., & **Lokken, K.** (2002, June). Comparing relationships among college females' body image dissatisfaction and apparel selection. Paper presented at the American Association of Family and Consumer Sciences (AAFCS) Proceedings, Dallas, TX.

Lokken, S. L., **Lokken, K.**, & Trautmann, J. (2002, April). The relationship between media exposure and women's awareness and internalization of societally accepted standards of appearance. Paper presented at the American Council on Consumer Interests (ACCI) Proceedings, Los Angeles, CA. Selected as one of five conference "hot topics" papers. Press releases distributed to spur media attention to the American Council on Consumer Interests.

Lokken, K. & Ferraro, F.R. (2002, February). Specific executive function impairment among women with bulimic symptomatology. Paper presented at the 30th Annual Meeting of the International Neuropsychological Society, Toronto, Ontario, Canada. Journal of the International Neuropsychological Society, 8, 313. [ABSTRACT].

Trautmann, J., Lokken, S., & **Lokken, K.** (2001, November). Comparing college females' body image avoidance and attention to body shape patterns: A study of two geographic regions in the U.S. Paper presented at the International Textiles and Apparel Association (ITAA) Proceedings, Kansas City, MO. Available: www.itaaonline.org

Thompson, S., Teetzen, M., **Lokken, K.**, Bergloff, P., Petros, T., & Ferraro, F.R. (1994, May). The effect of importance level and delay on prose recall in multiple sclerosis. Paper presented at the Midwestern Psychological Association, Chicago, IL. Program of the 66th Annual Meeting of the Midwest Psychological Association, 66, 81. [ABSTRACT]

Posters

Springer, J.G., Pierpaoli Parker, C., McMinn, J., & **Lokken, K.** (2020, February). Multi-modal treatment of cognitive decline: A discussion of two case studies. Poster presented at the International Neuropsychological Society 48th Annual Meeting in Denver, CO.

Springer J.G., Pierpaoli Parker C. McMinn J., **Lokken K.** (2019, February). Hyperhomocysteinemia and Cognitive Functioning. Poster presented at the International Neuropsychological Society 47th Annual Meeting in New York City.

Lokken, K., McMinn, J., Springer, G., & Pierpaoli Parker, C. (2019, February). Outcome data from a brain health program. Submitted to the 2019 Annual Meeting of the Integrative Healthcare Symposium in New York City.

Springer J.G., Parker Pierpaoli C., McMinn J., & **Lokken K.** (2018, Dec) Hyperhomocysteinemia and Cognitive Functioning. Presented at the University of Alabama at Birmingham Undergraduate Research Expo.

Lokken, K., McMinn, J., Sylvester, M.D., Pierpaoli Parker, C., & Springer, J.G. (2018, May). Preliminary outcome data from a brain health program. Poster presentation at the Annual International Conference of the Institute of Functional Medicine, Hollywood, FL.

Burgess, E., Sylvester, M., Morse, K., Amthor, F., Mrug, S., **Lokken, K.**, Soleymani, T., & Boggiano, M. (2016, July). Potential new treatment approaches for binge eating disorder (BED): Suppressive effects of transcranial direct current stimulation (tDCS) on food intake and food craving in BED. British Association for Psychopharmacology Summer Meeting, Brighton, UK.

Burgess, E., Sylvester, M., Morse, K., Amthor, F., Mrug, S., **Lokken, K.**, Soleymani, T., & Boggiano, M. (2016, April). Use of tDCS to reduce food craving, food intake, and binge urges for obesity patients with BED. The 2016 Obesity Summit, London, UK.

- Burgess, E.E., Schmidt, E.L., Turan, B., Soleymani, T., Daniel, S., Howard, C., Vinson, L., Wingo, B., **Lokken, K.**, & Boggiano, M.M. (2014). Racial Disparities in Weight-Loss Treatment Attrition. UAB Health Disparities Research Symposium, March 20th 2014.
- Burgess, E. E., Schmidt, E. L., Turan, B., Solyemani, T., Daniel, S., Vinson, L., Wingo, B., **Lokken, K.**, Boggiano, M. M. (2014). Is Eating Tasty Foods for Reward Less Pathological Than Other Motives for Eating Tasty Foods? Results in a Weight-Loss Treatment-Seeking Sample. Poster Presentation, Alabama Psychology Association Conference, February 8th 2014.
- Block, C., Bagley, B., Hannah, J., Camp, S., Mindingall, N., Labbe, D., **Lokken, K.**, & Fabrizio, K. (2011). Assessment of veteran and caregiver misperceptions of mild traumatic brain injury in a VA Medical Center. Poster presentation at the 39th annual conference of the International Neuropsychological Society. *Journal of the International Neuropsychological Society*, 17, suppl. 1, 243.
- Boeka, A., **Lokken, K.**, Miller-Kovach, K., Cronan, G., & O'Neil, P.M. (2009). Relations of hedonic hunger and binge eating among treatment-seeking overweight and obese adults. Poster presented at the Annual Meeting of The Obesity Society, Washington, DC, October 24-28, 2009.
- Worthy, S. L., Pilcher, K., **Lokken, K. L.**, & Boeka, A. (March, 2009). Influencing factors of consumer vulnerability to weight-loss advertising among obese consumers, American Council on Consumer Interests Conference.
- Lokken, K.**, Boeka, A., Clements, R.H., & Wesley, M. (2009). Relationship between decision making and post-surgical weight loss following bariatric surgery. Poster presented at the 37th Annual Meeting of the International Neuropsychological Society, Atlanta, GA. February 10-14, 2009.
- Boeka, A., Clements, R. H., Yellumahanthi, K., Wesley, M., & **Lokken, K.**, (February, 2009). Cognitive performance of morbidly obese patients seeking bariatric surgery. Poster for presentation at the Southeastern Surgical Conference, Atlanta, GA.
- Lokken, K.L.** & Boeka, A. (February, 2008). Prefrontal Systems Involvement in Eating Behavior. Poster presented at the 36th Annual Meeting of the International Neuropsychological Society, Honolulu, Hawaii. (publication in *Journal of the International Neuropsychological Society*).
- Lokken, K.L.** & Boeka, A. (February, 2007). Executive dysfunction in obese binge eaters. Poster presented at the 35th Annual Meeting of the International Neuropsychological Society, Portland, OR. (publication in *Journal of the International Neuropsychological Society*).
- Boeka, A., **Lokken, K. L.**, & Oswald, K. (February, 2007). Neuropsychological performance of obese individuals seeking bariatric surgery. Poster presented at the 35th Annual Meeting of the International Neuropsychological Society, Portland, OR. (publication in *Journal of the International Neuropsychological Society*).
- Boeka, A., Alexander, L., & **Lokken, K.** (2006, February). The Iowa Gambling Task as a measure of decision making in bulimia nervosa. Poster presented at the 34th International Neuropsychological Society conference in Boston, Massachusetts. (publication in *Journal of the International Neuropsychological Society*).
- Boeka, A., Alexander, L., Sandavol, L., Branch, A., and **Lokken, K.** (2005, July) Neuropsychological task performance of women with bulimia nervosa. Poster presented at the International Neuropsychological Society Conference in Dublin, Ireland, July 6-9, 2005. (publication in *Journal of the International Neuropsychological Society*).
- Boeka, A. & **Lokken, K.** (2005, February). Executive functioning deficits in women with bulimia nervosa. Poster presented at the 33rd Annual Meeting of the International Neuropsychological Society, St. Louis, MO. (publication in *Journal of the International Neuropsychological Society*).
- Boeka, A. & **Lokken, K.** (2004, March). Neuropsychological impairments in bulimia nervosa. Poster presented at the 7th Annual Graduate Student Research Conference, The University of Alabama, Tuscaloosa, AL.
- Marx, H., Boeka, A., & **Lokken, K.** (2004, March). Using the Stroop paradigm as a quantitative measure of psychopathology for diagnosing bulimia nervosa. Poster presented at the Golden Jubilee 50th Anniversary meeting of the Southeastern Psychological Association, Atlanta, GA.
- Marx, H., Boeka, A., Carroll, R., Morris, A., & **Lokken, K.** (2004, February). Using a modified Stroop paradigm in the assessment of bulimia nervosa. Poster presented at the 32nd Annual Meeting of the International Neuropsychological Society, Baltimore, MD. (publication in *Journal of the International Neuropsychological Society*).

Lokken, K. & Morris, A. (2003, October). Bulimic women demonstrate disinhibition in response to “thin ideal” media information. Poster presented at the National Academy of Neuropsychology, Dallas, TX.

Morris, A., Carroll, R., Marx, H., Bramlett, A., Caldwell, C., & **Lokken, K.** (2003, May). Bulimic women demonstrate Stroop effect using “thin-ideal” stimuli. Presented at the Undergraduate Student Poster Session of the Alabama Psychological Association Annual Convention, Fort Walton Beach, FL. **UA Psychology Honor Student Abby Morris: Awarded 1st place, \$150.00 honorarium.**

Lokken, K. & Ferraro, F.R. (2002, August). The assessment of cognitive inhibition in women with bulimic symptoms. Presented at the 110th Annual Convention of the American Psychological Association, Chicago, IL. The Clinical Neuropsychologist, 16, 199-200 [ABSTRACT].

Lokken, K., Ferraro, F.R., Arneson, K.A., Robinson, K., Haugen, E., & Hoyer, T. (2000, November) Selectivity bias of eating, weight, and shape stimuli using a modified Stroop paradigm. Presented at the National Academy of Neuropsychology 2000 Conference, Orlando, FL.

Lokken, K., Trautmann, J., & Lokken, S. (2000, May). Patterns of bulimic symptoms, body image dissatisfaction, and eating restraint in college females. Presented at the Midwestern Psychological Association, Chicago, IL. Program of the 72nd Annual Meeting of the Midwestern Psychological Association, 70. [ABSTRACT].

Lokken, K., Ferraro, F.R., Petros, T., & Vogeltanz-Holm, N. (2000, February). Effect of age and estrogen on neuropsychological performance in healthy, adult women. Presented at the International Neuropsychological Society, Denver, CO. Journal of the International Neuropsychological Society, 6, 235. [ABSTRACT].

Lokken, K., Ferraro, F.R., Kirchner, T., & Bowling, M. (1999, April). Gender differences in body dissatisfaction in low, medium, or high body focus individuals. Presented at the 33rd annual meeting of the Association for Advancement of Behavior Therapy, Toronto, Ontario, Canada.

Yeager, M.C., **Lokken, K.**, Zevenbergen, A., Collins, J., & Volk, G. (1999, April). Patterns of depressive symptomatology in American Indian children and adolescents. Presented at the 33rd annual meeting of the Association for Advancement of Behavior Therapy, Toronto, Ontario, Canada.

Peterson, J., Kitzan, L., Ferraro, F.R., **Lokken, K.**, Bates, J., & Freeman, N. (1999). Effects of mood on cognitive processing in healthy older adults. Presented at the 7th Annual North Dakota Undergraduate Research Program (NSF/ND EPSCoR), Fargo, ND.

Lokken, K., Ferraro, F.R., Christenson, T., Vogeltanz, N., & Petros, T.V. (1999, February). The relationship between menopausal status, estrogen levels, and replacement estrogen on cognition in middle-aged women. Presented at the International Neuropsychological Society, Boston, MA. Journal of the International Neuropsychological Society, 5 (2), 104. [ABSTRACT].

Sjulson, N.C., Ferraro, F.R., **Lokken, K.**, & Petros, T.V. (1998, May). A comparison study of memory performance among middle-aged women: Self-reported pre-menopausal, peri-menopausal, and post-menopausal women on hormone replacement therapy. Midwestern Psychological Association, Chicago, IL. Program of the 70th Annual Meeting of the Midwest Psychological Association, 82 [ABSTRACT]

Jones, R.D., & **Lokken, K.** (1996, May). Preserved procedural memory in HIV+ subjects with mild “subcortical” dementia. Midwestern Psychological Association, Chicago, IL. Program of the 68th Annual Meeting of the Midwest Psychological Association, 94. [ABSTRACT]

Lokken, K., Petros, T., Thompson, S., Teetzen, M., Bergloff, P., & Ferraro, F.R. (1994, May). Short-term memory in multiple sclerosis. Midwest Psychological Association, Chicago, IL. [PSI CHI PRESENTATION]

Editorial Board Members/Reviews

2013 – Present, Reviewer, International Journal of Obesity

2013 – Present, Reviewer, Obesity Reviews

2013 – Present, Reviewer, The International Journal of Neuroscience

2013 – Present, Reviewer, Journal of Clinical and Experimental Neuropsychology

2013 – Present, Reviewer, Alzheimer’s and Dementia: The Journal of the Alzheimer’s Association

- 2008 – Present, Reviewer, Handbook of assessment methods for obesity and eating behaviors, related problems, and weight
- 2005 – Present, Ad-hoc Reviewer, Media Psychology
- 2004 – Present, Ad-hoc Reviewer, Journal of Clinical Psychology
- 2004 – Present, Ad-hoc Reviewer, Neuropsychological Review
- 2004 – Present, Reviewer, Alzheimer's Association
- 2002 – Present, Reviewer, Allyn & Bacon
- 2001 – Present, Ad-hoc Reviewer, Canadian Journal of Aging
- 2002 – Ad-hoc Reviewer, Behavior Therapy

Teaching and Supervisory Experience

Research Supervisory Experience

Faculty Mentor, Thesis and Dissertation Research (PY 599), University of Alabama & University of Alabama at Birmingham (Fall 2002-present)

Undergraduate Honors Theses

Leigh Alexander (Primary Advisor, Completed Spring 2006)
 Hallie Marx (Primary Advisor, Completed Spring 2004)
 Christopher Alldredge (Primary Advisor, Completed Spring 2004)
 Amy Bramlett (Primary Advisor, Completed Spring 2004)
 Abby Morris (Primary Advisor, Completed Spring 2003)

MA Theses

Emilee Burgess (Committee Member, Completed Summer 2013)
 Kimberly Oswald (Committee Member, Completed Spring 2009)
 Abbe Boeka (Primary Advisor, Defended Fall 2005)
 Jennifer Karpe (Committee Member, Defended Spring 2005)
 Ty Patterson (Primary Advisor, Defended Fall 2004)
 Rebecca Pohlig (Committee Member, Defended Spring 2004)

Doctoral Dissertations

Samantha Henry (Committee Member, Defended Summer 2019)
 Erica Schmidt (Committee Member, Defended Summer 2016)
 Emilee Burgess (Committee Member, Defended Spring 2015)
 Donald Labbe (Co-Chair, Defended Summer 2012)
 Adam Perkins (Committee Member, Defended Fall 2011)
 Abbe Boeka (Co-Chair, Defended Spring 2009)
 Annie Deming (Committee Member, Defended Fall 2008)
 Jenni Jones (Committee Member, Defended Summer 2008)
 Kellee Bivens (Committee Member)
 Patricia Tsui (Committee Member, Defended Spring 2008)
 Karen Hubbard (Committee Member, Defended Fall 2006)
 Rachel Fry (Committee Member, Defended Fall 2004)
 Heath Patterson (Committee Member, Defended Spring 2004)
 Virginia Galloway (Committee Member, Defended Fall 2003)
 Joy Lee (Committee Member, Defended Spring 2003)

Graduate Study Committee Work: UAB Medical Psychology Program

Shakaye Haase (Member, in progress)
 Erica Schmidt (Chair, Graduated)
 Emilee Burgess (Member, Graduated)
 Sarah Viamonte (Member, Graduated)
 Kimberly Oswald (Chair)

Clinical Supervisory Experience

UAB Medical Psychology Graduate Training Committee, Supervisor, (Spring, 2006 – 8/2019; 10/2020-Present)

UAB Behavioral Medicine Post-Doctoral Fellow Supervisor, (10/2020-Present)

Psychology Training Committee Intern Supervisor, UAB Department of Psychiatry (Fall 2005 – 8/2019; 10/2020-Present)

PGY-III/IV Resident Psychotherapy Supervisor, UAB Department of Psychiatry (2005 – 2009; 10/2020-3/2021)

PGY-IV Resident Practicum Supervisor, UAB Department of Psychiatry (2006 – 2009; 1/2021-present)

Birmingham VAMC Rehabilitation Neuropsychology Post-doctoral Fellowship Training Committee (11/2014 – 8/2019)

UA Clinical Psychology Graduate Training Committee, Practicum Supervisor, Site: Brain Health Institute: (2018-8/2019)

Supervisor for Behaviorist Practicum, UAB Medical Psychology Graduate Program/UA Clinical Psychology Graduate Program, UAB EatRight/UAB Weight Loss Medicine (Fall 2009 – 8/2017)

Supervisor for Practicum, Auburn University Clinical Psychology Graduate Program, Brain Health Institute (2017-18).

Supervisor for Behavioral Medicine/Neuropsychology Practicum, UA Clinical Psychology Graduate Program, UAB Department of Psychiatry (Fall 2005 – Fall 2008)

Geropsychology Practicum (PY 642), University of Alabama (Summer 2003)

Practicum in Psychotherapy (PY 631), University of Alabama (Fall 2002/Spring 2003)

Course Teaching Experience

Graduate/Medical Resident

Introduction to Psychotherapy Practicum (IPP), UAB Medical-Clinical Graduate Program, 1/2021-Present).

Advanced Cognitive Behavioral Therapy, UAB Department of Psychiatry and Behavioral Neurobiology (2007- 2009)

Introduction to Cognitive Behavioral Therapy, UAB Department of Psychiatry and Behavioral Neurobiology (2007 – 2008)

Neuropsychological Assessment (PY 611), UA Department of Psychology (Spring 2002, Summer 2002, Fall 2003, Fall 2004)

Physiological Psychology (PY 651), UA Department of Psychology (Fall 2002, Spring 2004, Spring 2005)

Seminar in Adult Clinical Psychology (PY 688), UA Department of Psychology (Spring 2003)

Undergraduate

Seminar in Psychology: Eating Disorders and Obesity (PY 491), UA Department of Psychology (Spring 2004)

Seminar in Psychology: Introduction to Clinical Neuropsychology (PY 491), UA Department of Psychology (Fall 2001, Spring 2002, Spring 2003, Fall 2003, Spring 2005)

Faculty Mentor, Undergraduate Research (PY 451), UA Department of Psychology (Fall 2001 - present)

Faculty Mentor, Readings in Psychology (PY 481), UA Department of Psychology (Spring 2002 - present)

Graduate Teaching Assistant: Industrial/Organizational Psych. (PSY 301), University of North Dakota Department of Psychology (1999)

Graduate Teaching Assistant: Physiological Psychology (PSY 435/535), University of North Dakota Department of Psychology (1999)

Graduate Teaching Assistant: Introduction to Clinical Psychology (PSY 470), University of North Dakota Department of Psychology (1998)

Graduate Teaching Assistant: Developmental Psychology (PSY 251), University of North Dakota Department of Psychology (1997, 1998)

Graduate Teaching Assistant: Introduction to Psychology (PSY 101), University of North Dakota Department of Psychology (1996, 1997)

Representative Invited Talks and Lectures

“Neuropsychology of PASC”, Presented at UAB Department of Psychiatry Grand Rounds; 4/27/2021

“Post-COVID: The Long Haul” Webinar, Panelist with Drs. Mike Saag & Gitendra Uswatte, UAB Office of Diversity, Equity, & Inclusion; 6/19/2021

“Brain Fog, Insomnia, and Stress: Coping After COVID”, Invited talk for UAB Post-COVID Lunch & Learn Series: 7/28/2021

“Brain Fog after COVID, what do we know and not know”, Invited talk for UAB CNC Neuroscience Café: Presented with Dr. Gitendra Uswatte, 8/19/2021

“Diet and Brain Health”: Invited talk presented to Class V Mind, Virtual Webinar, October 19, 2020.

“A Root Cause Approach to Brain Health”: Invited talk presented at the 2019 AFA Educating America Tour, Seattle, WA, October 17, 2019.

“Brain Health: How to Maintain an Aging Brain”: Invited lecture presented at the 2019 Aging Symposium, Birmingham, AL June 8, 2019.

Invited TEDx Birmingham Talk: Tagline: “Make small, consistent, daily investments in your brain”, Alys Stephens Center, Birmingham, AL, May 4, 2019.

<https://www.youtube.com/watch?v=tEKXqBEJsXM>

“brainH.E.A.L.T.H.:The Impact of Toxins on Mood and Memory”: Invited lecture presented to the Alabama Interface Coalition on Aging, Birmingham, AL, May 23, 2018.

“Alzheimer’s Disease: Advanced Diagnosis and Treatment Options”. Invited Keynote Speaker for the 16th Annual Lucy and John Caddell Alzheimer's Conference, Decatur, AL, September 25, 2018

“Preventing and Treating Cognitive Decline: What You Need To Know About Healthy Aging”: Invited Keynote Speaker at Alzheimer’s Foundation of America Educational Tour, Birmingham, AL, May 1, 2018.

“Preventing and Treating Cognitive Decline: A Different Approach”: Invited lecture presented at the 5th Tuesday Lunch and Learn for Alzheimer’s of Central Alabama, Birmingham, AL, January 30, 2018.

“brainH.E.A.L.T.H.: Simple Steps to Prevent, Stabilize and Restore Cognitive Decline”: Invited lecture presented to the Pell City Caregivers Support Group, Pell City, AL, February 6, 2018.

“Preventing, Restoring, and Stabilizing Cognitive Decline”: Invited lecture presented at Dementia Friendly Alabama Caregiver Conference, Montgomery, AL, November 6, 2017.

“Preventing and Treating Cognitive Decline: A Systematic Approach: Invited lecture presented at UAB Neuropsychology and Behavioral Neurology Grand Rounds, Birmingham, AL, October 24, 2017.

“Preventing and Treating Cognitive Decline: A Different Approach”: Invited lecture presented at the Alzheimer’s of Central Alabama Annual Meeting, Birmingham, AL, October 17, 2017.

“Frontal Lobe: Executive Function and Dysfunction”: Invited lecture presented to Psy 720: Human Neuropsychology, UAB, Monday, February 25, 2013

“Eating Disorders”: Invited talk presented for UAB Howard Hughes Lecture, June 16, 2010

“Obesity: Evidence for prefrontal systems involvement”: Invited talk presented at UAB Department of Psychiatry and Behavioral Neurobiology Grand Rounds, April 22, 2008.

“Critical issues in bariatric surgery”: Invited talk presented to Birmingham Regional Association of Licensed Psychologists, March 14, 2008.

“Neuropsychiatric Issues in Liver Transplant Patients”: Invited talk presented at UAB Hepatology Grand Rounds, November, 2007.

“Eating disorders and obesity”: Invited lecture presented to Behavioral Science course, UAB, May 22, 2007.

“Medical/Surgical Neuropsychology”: Invited lecture presented to Psychology 420: Introduction to Neuropsychology, UAB, Wednesday, November 9, 2005.

“Sizing up Mississippi: The skinny on obesity trends”: Invited headline address Mississippi Association of Family and Consumer Sciences Annual Meeting, Biloxi, MS, February 24, 2005.

“Sizing Up America: Eating Disorders and Obesity”: Invited Workshop presented to The Mississippi Association of Family and Consumer Sciences, Northern District, Mississippi State University, Starkville, MS, September 29, 2004.

"Eating Disorders: Techniques and Effective Tools for Treatment": Invited Workshop presented to DCH Employee Assistance Program, Tuscaloosa, AL, March 19, 2004

“Neuropsychological Assessment of Elders in Primary Care Settings”, Invited lecture presented to PY 691-01: Health and Aging class, University of Alabama, Monday, March 15, 2004

“Biology and Culture: Conceptualizations of Bulimia Nervosa”, Invited lecture to be presented on November 14, 2003 at the Fall 2003 University of Alabama Department of Women Studies Brown Bag Series

"Eating Disorders", Invited lecture presented to PY 658: Psychopathology class on Wednesday, October 22, Fall Semester 2003

“Neurobehavioral Features of Bulimia Nervosa: Merging neurobiological and sociocultural models”, Invited address for the Mississippi State University, Department of Psychology Invited Colloquium Series, November 20, 2002.

“Neuropsychological Assessment”, Invited address for the Department of Vocational Rehabilitation, Tuscaloosa, AL, 2002

“Nonverbal Learning Disability”, Invited address for the Department of Vocational Rehabilitation, Tuscaloosa, AL, 2002

Related Clinical Experience

Predoctoral Clinical Experience:

7/2000 – 6/2001 **Position:** Neuropsychology Resident; **Site:** Rush-Presbyterian-St. Luke's Medical Center, Chicago, IL (APA Accredited/Division 40 Psychology Internship Site); **Clinical Hours:** 2000+; **Supervision:** 3-5 hours/week; **Supervisors:** David Garron, Ph.D., ABPP/ABCN; David Nyenhuis, Ph.D., ABPP/ABCN; Christopher Grote, Ph.D., ABPP/ABCN; **Duties:** Conducted comprehensive neuropsychological evaluations on inpatient and outpatient populations with a wide-range of clinical diagnoses. Conducted pre-operative and post-operative epilepsy evaluations and Wada testing. Participated in interdisciplinary team treatment planning meetings for traumatic brain injured patients and epilepsy surgical candidates. Provided outpatient psychotherapy and cognitive rehabilitation for patients with traumatic brain injuries. Participated in neurology and psychology didactic experiences. 40-70 hours per week.

8/1999 – 6/2000 **Position:** Neuropsychology Associate; **Site:** MeritCare Neurosciences, Division Neuropsychology, Fargo, ND; **Clinical Hours:** 956; **Supervision:** 2-5 hours/week; **Supervisors:** Rodney Swenson, Ph.D., ABPP-PN, Patrick Kowneko, Psy.D. ; **Duties:** Conducted comprehensive neuropsychological evaluations, participated in inpatient rounds and outpatient consultations for traumatic brain injured patients and other general neuropsychological populations. Other duties: assisted in the development of pathology-specific neuropsychological protocols and in the development of a research-focused patient database. 16-20 hours/wk, 40 hours/wk May-June.

10/1997 – 6/2000 **Position:** Clinical Psychology Trainee; **Site:** University of North Dakota Center for Psychological and Educational Assessment; **Clinical Hours:** 219 **Supervision:** 1-5 hours/week; **Supervisors:** Andrea A. Zevenbergen, Ph.D., Thomas V. Petros, Ph.D; **Duties:** Administered and interpreted intellectual, aptitude, psychological, and neuropsychological tests for the assessment of Attention Deficit Hyperactivity Disorder and Learning Disabilities, including Nonverbal

Learning Disability. Integrated assessment information in comprehensive report format under the direct supervision of a licensed psychologist. Clients included both adults and children. 1-15 hours/week (variable).

8/1999 – 6/2000 **Position:** Clinical Psychology Trainee; **Site:** Anxiety Disorders and Women's Health Clinic, Psychological Services Center, University of North Dakota; **Clinical Hours:** 280; **Supervision:** 2-5 hours/week; **Supervisor:** Nancy D. Vogeltanz-Holm, Ph.D.; **Duties:** Conducted supervised individual and couples' evidenced-based therapy with clients demonstrating anxiety-related difficulties, post-traumatic stress disorder (PTSD); problems related to women's health, and relationship turmoil. Didactic experiences included: treatment of panic disorder, exposure therapy for combat and other trauma related PTSD victims, assessment of substance abuse, women's health issues, and implementation of Jacobson's integrative behavioral couple therapy and Baucom's cognitive marital therapy. 4-9 hours/week.

9/1998 – 8/1999 **Position:** Clinical Health Psychology Trainee; **Site:** Indian Health Service Mental Health and Social Services, Fort Totten Indian Reservation, Fort Totten, ND; **Clinical Hours:** 1182; **Supervision:** 2-3 hours/week; **Supervisors:** Gregory A. Volk, Psy.D., Andrea Zevenbergen, Ph.D.; **Duties:** Provided a wide range of clinical services for American Indian adults, adolescents, and children, including: individual, couple, and family evidenced-based psychotherapy, psychological and educational evaluations, and neuropsychological screenings. Conducted risk assessment and crisis intervention with actively suicidal and homicidal clients. Organized consultations with community agencies, such as the court, hospitals, and schools, and initiated, planned, and delivered parenting classes and diabetes support group to community-dwelling adults, and a series of psychoeducational classes to incarcerated inmates. 16-20 hours/week, 40 hours/week May-July.

9/1998 – 7/1999 **Position:** Clinical Health Psychology Trainee; **Site:** Center for Behavioral Health, Psychological Services Center, University of North Dakota; **Clinical Hours:** 353; **Supervision:** 2 - 3 hours/week; **Supervisor:** Jeffrey E. Holm, Ph.D.; **Duties:** Conducted evidenced-based individual cognitive-behavioral therapy for weight management, Jacobson's integrative behavioral couple therapy, and received didactic training in behavioral health and behavioral medicine. Topics included: management of chronic pain and headache, treatment of eating disorders and obesity, smoking cessation, stress management, and health promotion. 3-7 hours/week.

5/1998 – 8/1998 **Position:** Clinical Neuropsychology Trainee; **Site:** VA Medical Center, Eugene, OR; **Clinical Hours:** 500; **Supervision:** 3 - 5 hours/week **Supervisor:** Rex Turner, Ph.D.; **Duties:** Conducted comprehensive neuropsychological and psychological evaluations, under the direct supervision of a licensed psychologist. Interviewed patients referred for neuropsychological assessment, selected a flexible battery of tests using a cognitive process approach, administered and interpreted neuropsychological and psychological tests, integrated patient neurological, neuroimaging, and laboratory data to formulate diagnosis and treatment recommendations, compiled and wrote comprehensive neuropsychological and psychological reports for different audiences, and provided feedback and brief cognitive rehabilitation for patients and their families. Also provided brief cognitive behavioral therapy for individuals diagnosed with depression. 40 hours/week.

8/1997 – 5/1998 **Position:** Clinical Psychology Trainee; **Site:** Anxiety Disorders and Women's Health Clinic, Psychological Services Center, University of North Dakota; **Clinical Hours:** 130; **Supervision:** 2 - 3 hours/week; **Supervisor:** Nancy D. Vogeltanz, Ph.D.; **Duties:** Conducted individual feminist cognitive-behavioral therapy for body image disturbance and social skills/assertiveness training. Received didactic training in the assessment and treatment of anxiety disorders and issues related to women's health. Primary focus areas were: exposure therapy for PTSD victims, assessment and treatment of substance abuse, obesity, and pre-menstrual dysphoric disorder. Received individual and group supervision. 2-5 hours/week

8/1996 – 4/1997 **Position:** Clinical Psychology Trainee; **Place:** Psychological Services Center, University of North Dakota; **Clinical Hours:** 90; **Supervision:** 2-3 hours/week **Supervisor:** Rosanne McBride, Ph.D.; **Duties:** Participated in group supervision team meetings and collaborated on individual case presentations, journal reviews, and case formulations for clients presenting with Axis I and Axis II disorders. 2-3 hours/week.

Post-baccalaureate Clinical Experience:

7/1994 – 3/1996 **Position:** Neuropsychology Technician; **Site:** Arthur Benton Neuropsychology

Laboratory, Department of Neurology: University of Iowa Hospitals and Clinics (UIHC), Iowa City, IA;
Clinical Hours: 3,500+ hours; **Supervision:** 15-20 hours/week; **Supervisors:** Daniel Tranel, Ph.D., Steven Anderson, Ph.D., R.Dallas Jones, Ph.D., Joe Barrash, Ph.D., Jane Cerhan, Ph.D., Julie Suhr, Ph.D.
Duties: Administered neuropsychological, psychological, and personality assessment instruments and assisted in conducting neuropsychological assessment of brain injured patients using the hypothesis-focused method driven by the referral question. Daily contact with diverse neurologic and psychiatric populations, often testing 2-3 patients per day. Compiled patient histories, conducted patient interviews, administered and scored various psychological and neuropsychological tests. Involvement in Neurology Grand Rounds, and didactic neuropsychological seminars, brief supervised report writing, and the implementation of research protocols for patients involved in the Program Project Grant. 40+ hours/week.

Service

Birmingham VAMC

Rehabilitation Neuropsychology Post-doctoral Fellowship Training
Committee (11/2014 – 8/2019)

University Service: UAB

Chair: Psychology Faculty Search Committee
Chair: Associate Chief Psychologist Search Committee
Member: ED Psychologist Search Committee
Member: Child/Adolescent Psychologist Search Committee
UAB Dept of Psychiatry Task Force Post-COVID Reopening Committee
UAB Dept of Psychiatry Space Committee
Psychology Training Committee (PTC; 2005-8/2019; 10/2020-Present)
Medical Psychology Clinical Committee (MPCC; 2006 – 3/2009 & 8/2009 - 8/2010)
Medical Psychology Admissions Committee (Spring, 2006)
UAB Graduate Faculty Status (Spring 2006 – present)
UAB Psychiatry Website Steering Committee (2006 – 2/2009)
UAB Comprehensive Neuroscience Center, Member (2007 – present)

University Service: University of Alabama

Graduate Faculty of the University of Alabama (2005-Present)
Clinical Committee Member (2001-2005)
Advisory Committee to the Chairperson (2003-2005)
Affirmative Action and Minority Recruitment Committee Member (2001-2004)
Faculty Development Committee (2003-2004)
Undergraduate Program and Advising Committee Member (2002-2003)
Chair Search Committee (2003-2004)
Psychology of Law Search Committee (2002-2003)
Participating Faculty Member, Department of Women Studies (2003-2005)
Interdisciplinary Minor in Cognitive Science Committee (2003-2005)
Community Breakfast Recruitment Committee (2001-2005)
Center for Mental Health and Aging, Associate Member (2003-present)
University Standing Committee (2003-2005)
Campus Master Plan Committee (2003-2005)

Related Community Service

Facilitator, The Daniel Plan, Highlands United Methodist Church (Fall 2018-Present)
Pro Bono Neuropsychological Consultation and Evaluations
Affiliate Member, University of North Dakota Conflict Resolution Center.
-Membership remains active via email networks (1992-present)
Crisis Intervention for Victims of Disaster, 1997 North Dakota/Minnesota flood, University of North Dakota

CURRICULUM VITAE



Pariya Fazeli Wheeler, PhD

PREPARATION: Specialty: Cognitive aging

EDUCATION:

<u>Institution</u>	<u>Discipline</u>	<u>Dates Attended</u> <u>From – To</u>	<u>Degree and</u> <u>Year Conferred</u>
University of Alabama at Birmingham (UAB)	Lifespan Developmental Psychology	05/2010 – 05/2012	Ph.D., 2012
UAB	Lifespan Developmental Psychology	08/2008 – 05/2010	M.A., 2010
University of Alabama	Psychology	08/2004 – 05/2008	B.A., 2008

TRAINING CERTIFICATES:

Health Disparities Research Training Program	UAB Minority Health & Health Disparities Research Center (MHRC) training program; 1 year individualized mentored research training certificate program with over 100 hours of face-to-face and online instruction as well as mentorship and collaboration in health disparities research	10/2018
Optimizing the Practice of Mentoring	University of Minnesota Clinical and Translational Science Institute (CTSI) and the National Research Mentoring Network (NRMN); 2-hour online curriculum for professional development of research mentors including five modules	04/2017
Clinical and Translational Science	UAB Center for Clinical and Translational Science (CCTS) training program in clinical and translational science; 6-month program with over 50 hours of didactic instruction and interactive experience	06/2015
tDCS Certification	Transcranial Direct Current Stimulation (tDCS) hands-on certification provided by City College of New York and Neuromodec	01/2015
Gerontology	Center for Aging Gerontology Education Program, UAB	05/2012

PROFESSIONAL EXPERIENCE:

Academic Positions

<u>Year(s)</u>	<u>Title</u>	<u>Institution or Agency</u>	<u>Location</u>
05/2021 – Current	Scientist	UAB McKnight Brain Institute	Birmingham, AL

10/2020 – Current	Associate Professor	UAB School of Nursing	Birmingham, AL
06/2016 – Current	Scientist	UAB Comprehensive Center for Healthy Aging	Birmingham, AL
06/2016 – Current	Scientist	UAB Center for AIDS Research	Birmingham, AL
06/2016 – Current	Assistant Professor	UAB School of Nursing	Birmingham, AL
01/2015 – 05/2016	Postdoctoral Fellow	UAB Department of Psychology	Birmingham, AL
09/2012 – 12/2014	Postdoctoral Fellow	UCSD Department of Psychiatry	San Diego, CA
08/2008 – 05/2012	Graduate Fellow	UAB Department of Psychology	Birmingham, AL

HONORS AND AWARDS:

2017	Merit-based Travel Award to Attend HIV & Aging Conference	Emory University
2017	Merit-based Travel Award to Attend HIV & Aging Conference	UAB CFAR
2015	Career Enhancement Award	UAB Office of Postdoctoral Education
2014	Young Investigator Scholarship	Conference on Retroviruses and Opportunistic Infections
2012	Outstanding Graduate Student in Developmental Psychology Award	UAB Department of Psychology
2010 & 2011	Merit-based Travel Awards	Graduate Student Association and Psychology Department
2010-2011	UAB Center for Aging Research Scholarship	UAB Center for Aging
2006-2008	Dean's List	University of Alabama

NATIONAL/REGIONAL/STATE LEADERSHIP ACTIVITIES:

2018	NIH Grant Reviewer (SBIR panel)
2018	International Task Force for Revisions of HIV-Associated Neurocognitive Disorder (HAND) Criteria
2018-2021	UC San Diego Sustained Training in HIV and Aging Research (STAHR) Mentor
2020	NIH Grant Reviewer (2 study sections: P30 panel and HIV/AIDS panel)

JOURNAL REVIEWS:

<u>Journal</u>	<u>Role</u>	<u>Year(s)</u>
<i>The Clinical Neuropsychologist</i>	Editorial Board	2021
<i>Psychiatry Research</i>	Ad-hoc reviewer	2020
<i>Contemporary Clinical Trials</i>	Ad-hoc reviewer	2020
<i>Neuropsychology</i>	Editorial Board	2021
<i>The Gerontologist</i>	Ad-hoc reviewer	2020
<i>AIDS Research & Treatment</i>	Ad-hoc reviewer	2019
<i>Applied Neuropsychology Adult</i>	Ad-hoc reviewer	2019
<i>Journal of the International Neuropsychological Society</i>	Ad-hoc reviewer	2020
<i>Journal of the International AIDS Society</i>	Ad-hoc reviewer	2018
<i>International Journal of Geriatric Psychiatry</i>	Ad-hoc reviewer	2018
<i>PLoS One</i>	Reviewer	2018-2020

Journal of Nursing Practice Applications & Reviews of Research	Ad-hoc reviewer	2018
The Journal of the International Association of Providers of AIDS Care	Ad-hoc reviewer	2018
Experimental Gerontology	Ad-hoc reviewer	2018
AIDS Care	Ad-hoc reviewer	2018
AIDS and Behavior	Reviewer	2017–2020
BMC Geriatrics	Reviewer	2011–2018
Journal of Health Disparities Research & Practice	Ad-hoc reviewer	2017
Journal of Acquired Immune Deficiency Syndromes	Reviewer	2016–2017
Archives of Clinical Neuropsychology	Reviewer	2012–2020
Journal of Gerontology: Social Sciences	Ad-hoc reviewer	2016
Traffic Injury Prevention	Ad-hoc reviewer	2015
Antiviral Therapy	Ad-hoc reviewer	2015
The Spanish Journal of Psychology	Ad-hoc reviewer	2015
Alzheimer's & Dementia: Translational Research & Clinical Interventions	Ad-hoc reviewer	2015
Gerontology & Geriatric Medicine	Ad-hoc reviewer	2015
Acta Psychiatrica Scandinavica	Ad-hoc reviewer	2013–2014
Journal of Neurovirology	Ad-hoc reviewer	2014
Clinical Psychology Reviews	Ad-hoc reviewer	2013
Journal of HIV/AIDS & Social Services	Ad-hoc reviewer	2012

RESEARCH/GRANTS:

Extramural Grants

NIH 3K23AT010567-03S1; Feasibility of the Mindfulness-Based Stress Reduction Intervention for Black Women Living with HIV. Role: Co-Investigator; Dates: 8/05/2021-07/31/2022. Amount Requested: \$126,120 direct; Status: **funded**

NIH 1 R21 AG076377-01; Testing the Efficacy and Mechanisms of an Adapted Resilience Building Intervention in People Aging with HIV Role: Principal Investigator; Dates: 09/01/2021-08/31/2023; Amount Requested: \$275,000 direct; Status: scored July 2021, 22 percentile, 36 impact.

NIH 1R01 AG071588-01: Determining the Mechanisms and Efficacy of a Validated Resilience Building Intervention in Mid-Life Stage Adults; Role: Principal Investigator; Dates: 04/01/2021-03/31/2026; Amount Requested: \$1,499,997.00 direct; Status: pending review in October 2020.

NIH 1R01NR019537-01; Disparities in Cognitive Outcomes in Older African Americans Living with HIV Across Four Diverse Clinical Cohorts; Role: Principal Investigator; Dates: 07/01/2020-06/30/2025; Amount Requested: \$2,401,821.00 direct; Status: not discussed March 2020.

NIH 1R01NR (Application ID not assigned yet); Promoting Dementia Prevention Knowledge in HIV Using Spaced Retrieval Practice; Role: Multiple Principal Investigator; Dates: 07/01/2020-06/30/2025; Amount Requested: \$2,499,995.00 direct; Status: scored March 2020, 40 impact, 28%ile.

NIH 1R01AG063779-01A1; Determining the Mechanisms and Efficacy of a Validated Resilience Building Intervention in Mid-Life Stage Adults; Role: Principal Investigator; Dates: 04/01/2020-03/31/2023; Amount Requested: \$1,499,997.00 direct; Status: scored October 2019, 43 impact, 41%ile, October 2019.

NIH 3R01NR018391-02S2; Identifying Non-Pharmacological Strategies to Mitigate Mild Cognitive Impairment in the PROSPER-HIV Study. Role: Multiple Principle Investigator; Dates: 07/01/2019-06/30/2020; Amount Requested: \$303,476.00 direct; Status: **funded**.

NIH 1R01AG063779-01; Determining the Mechanisms and Efficacy of a Validated Resilience Building Intervention in Mid-Life Stage Adults; *Role*: Principal Investigator; *Dates*: 07/01/2019-06/30/2022; *Amount Requested*: \$1,436,818.00 direct; *Status*: scored February 2019, impact 45, 38% percentile, not funded (resubmitted).

NIH 1R21AG059954-01A1; A Multidomain Approach to Preventing Dementia in African Americans: Cognitive Prescriptions; *Role*: Principal Investigator; *Dates*: 04/01/2019-03/31/2021; *Amount Requested*: \$275,000 direct; *Status*: **funded**

NIH 1R21AG059954-01; Feasibility of and Adherence to a Multi-Domain Lifestyle Modification Approach to Preventing Dementia: Cognitive Prescriptions; *Role*: Principal Investigator; *Dates*: 07/01/2018-06/31/2020; *Amount Requested*: \$275,000 direct; *Status*: Not-funded (resubmitted).

NIH L30 AG045921; Loan Repayment Program Renewal #2: Successful Aging Across Diverse Populations: Protective Factors and Health Disparities; *Role*: Principal Investigator; *Dates*: 07/01/2018 – 06/30/2020; *Amount*: \$11,867.36 student loan payment; *Status*: **funded**

NIH L30 AG045921; Loan Repayment Program Renewal #1: Successful Cognitive and Functional Aging with HIV: Mechanisms, Neurorehabilitation, and Implications for Diverse Populations; *Role*: Principal Investigator; *Dates*: 07/01/2016 – 06/30/2018; *Amount*: \$28,860.58 student loan payment; *Status*: **funded**

NIH L30 AG045921; Initial Loan Repayment Program: Mechanisms of Successful Cognitive and Functional Aging with HIV; *Role*: Principal Investigator; *Dates*: 07/01/2013 – 06/30/2015; *Amount*: \$34,440.88 student loan payment; *Status*: **funded**

NIH R00 AG048762; A Novel Neurorehabilitation Approach for Cognitive Aging with HIV; *Role*: Principal Investigator; *Dates*: 06/01/2016 – 5/31/2019; *Amount*: \$747,000 total (direct and indirect); *Status*: **funded**

NIH K99 AG048762; A Novel Neurorehabilitation Approach for Cognitive Aging with HIV; *Role*: Principal Investigator; *Dates*: 09/15/2014 – 05/31/2016; *Amount*: \$226,077 total (direct and indirect); *Status*: **funded**

Intramural Grants

UAB Resource Centers for Minority Aging Research (RCMAR) Pilot Award; Associations between dementia biomarkers, lifestyle factors, and cognitive functioning in middle-aged African American adults. *Role*: Principal Investigator; *Dates*: 07/01/2019 – 06/30/2020; *Amount*: 25,000.00 direct; *Status*: Not-funded.

UAB Center for AIDS Research Pilot Award; Testing and Refining a Resilience Building Intervention to Promote Successful Aging in HIV; *Role*: Principal Investigator; *Dates*: 06/01/2018– 05/31/2019; *Amount*: \$50,000 direct, no indirects; *Status*: **funded**

UAB School of Nursing Dean's Scholar Award; A Resilience Building Intervention to Promote Successful Aging; *Role*: Principal Investigator; *Dates*: 10/01/2017– 03/31/2019; *Amount*: \$16,798 direct, no indirects; *Status*: **funded**

PUBLICATIONS:

*Refereed Articles (*denotes trainee):*

Submitted/Under Review

1. Li, W., **Fazeli, P.L.**, Wang, G., & Vance, D.E. Predictors of An Active Lifestyle in Persons Living with HIV in the United States Deep South. Manuscript submitted to *AIDS and Behavior*.
2. Vance, D. E., Pope, C. N., **Fazeli, P. L.**, Azuero, A., Frank, J. S., Wadley, V. G., Raper, J. L., Byun, J. Y., & Ball, K. K. (submitted 5-2021). A randomized clinical trial on the impact of individually-targeted computerized cognitive training on quality of life indicators in adults with HIV-associated neurocognitive disorder in Alabama. *Journal of the Association of Nurses in AIDS Care*. Manuscript in revision.
3. Jacob, A., Fazeli, P. L., Crowe, M. G., & Vance, D. E. (submitted 8-2021). Predictors of subjective and objective everyday functioning in middle-aged and older adults with HIV. Manuscript submitted to *AIDS and Behavior*.
4. Hopkins, C.N., Lee, C.*, Lambert, C.C., Vance, D.E. Haase, S.R., Delgadillo, J.D., & **Fazeli, P.L.**, Psychological Resilience is an Independent Correlate of Health-Related Quality of Life in Older Adults with HIV in the Deep South. Revise and resubmit *Journal of Health Psychology*.
5. Kham-ai, P.*, **Fazeli, P.L.**, & Heaton, K. Psychological Distress and Acute Exacerbation of Chronic Obstructive Pulmonary Disease in Farmers. *Journal of Agromedicine*. Manuscript in revision.
6. Wells, A.*, Childs, G., & **Fazeli, P.L.** A Concept Analysis of Infertility Associated Stress. *Journal of Obstetrics, Gynecologic, & Neonatal Nursing*. Manuscript submitted for publication.
7. **Fazeli, P.L.**, Hopkins, C.N., Vance, D.E., Wadley, V., Lee, C.*, Turan, B., Bowen, P., Clay, O. Cognitive Prescriptions for Reducing Dementia Risk Factors in African Americans: Rationale and Protocol for a Pilot Randomized Controlled Trial. *Nursing Research and Reviews*. Manuscript in revision.
8. **Fazeli, P.L.**, Hopkins, C.N., Lambert, C.C., Lee, C.*, & Vance, D.E. Examining the preliminary efficacy and acceptability of a resilience building intervention in middle-aged and older adults. *Aging and Mental Health*. Manuscript submitted for publication.
9. Campbell, L. M.*, Montoya, J. L., **Fazeli, P. L.**, Marquine, M. J., Ellis, R. J., Jeste, D. V., Moore, D. J., & Moore, R. C. Additive Effects of Physical Activity and Nutrition on Physical Health-Related Quality of Life in Persons Living with HIV. *International Journal of Behavioral Medicine*. Manuscript in revision.

In Preparation

1. Lambert, C.C., Wright, N.C., Azuero, A., **Fazeli, P.L.**, King, K., Raper, J., Holstad, M.M., Turan, J.M., & Mugavero, M.J. Missed visit and antiretroviral adherence among Black women living with HIV in the US South: The role of stressful life events. Manuscript in preparation.
2. Hopkins, C.N. Wells, A., Vance, D.E., & **Fazeli, P.L.** Resilience is associated with treatment management in older adults with HIV. Manuscript in preparation.
3. **Fazeli, P. L.**, Cheatwood, J., Morrison, S., & Vance, D. E. Cognitive leisure activities are associated with better neurocognitive functioning in adults aging with HIV. Manuscript in preparation.
4. **Fazeli, P. L.** Health disparities and HAND: Racial and social determinants of risk factors and cognitive impairment in aging with HIV. Manuscript in preparation.

5. Moore, R. C., **Fazeli, P. L.**, Delano-Wood, L., Kim, R., Hanson, K., Sorg, S., Clark, A. L., Zlatar, Z. Z., Eyler, L. T., & Schiehser, D. M. Engagement in an active lifestyle is associated with better neurocognitive functioning among veterans with mild traumatic brain injury. Manuscript in preparation.
6. White-Williams, C., **Fazeli, P. L.**, Grady, K. L., & Rybarczyk, B. Use and helpfulness of interventions 5 and 10 years after heart transplantation. Manuscript in preparation.
7. Marcotte, T. D., Rosenthal, T., Sakamoto, M., **Fazeli, P. L.**, Roberts, E., Scott, J. C., Meyer, R., Gross, M. F., & Allen, R. W. Simulation-based predictors of on-road driving deficits across the lifespan. Manuscript in preparation.
8. **Fazeli, P. L.**, Moore, D. J., Blackstone, K., & Rooney, A. Factors related to medication management abilities in older adults with HIV. Manuscript in preparation.

Published and In Press

1. Woods, B., Patrician, P.A., **Fazeli, P.L.**, Ladores S. (In Press) Infertility-related stress: A concept analysis. *Nursing Forum*.
2. Wion, R.K., Vance, D.E., & **Fazeli, P.L.** The Association Between Leisure Activity Engagement and Health-Related Quality of Life in People Aging with HIV. *The Gerontologist*. Manuscript in press.
3. Pope, C.N., Stavrinou, D., **Fazeli, P.L.**, & Vance, D.E. Transportation Barriers and Health-related Quality of Life in a Sample of Middle-aged and Older Adults Living with HIV in the Deep South. *AIDS and Behavior*. Manuscript in press.
4. **Fazeli, P.L.**, Woods, S.P., Lambert, C.C., Li, W., Hopkins, C.N., & Vance, D.E. Differential Associations Between BDNF and Memory Across Older Black and White Adults with HIV Disease *JAIDS*. Manuscript in press.
5. Lambert, C.C., **Fazeli, P.L.**, Yigit, I., Eloppe, L., King, K., Guthrie, B., Kempf, M.C., & Mugavero, M.J. HIV-related Stigmas and Patient Activation Among Younger Black Women Living with HIV: The Mediating Role of Social Support and Resilience. (2021). *Journal of the Association of Nurses in AIDS Care*. Manuscript in press.
6. Vance, D. E., Lee, Y., Batey, D. S., Li, W., Chapman-Lambert, C., Nakkina, S. R., Anderson, J. N., Triebel, K., Byun, J. Y., & **Fazeli, P. L.** (2021). Emerging directions of cognitive aging with HIV: Research and practice implications for social work. *Journal of Gerontological Social Work*. Manuscript in press.
7. Vance, D.E., Robinson, J., Hopkins, C.N., **Fazeli, P.L.**, & Pope, C.N. (2021). Driving Habits, Cognition, and Health-Related Quality of Life in Middle-aged and Older Adults with HIV. *Applied Neuropsychology: Adult*. Manuscript in press.
8. Vance, D. E., Del Bene, V., Frank, J. S., Billings, R., Triebel, K., Buchholz, A., Rubin, L. H., Woods, S. P., Wei, L., & **Fazeli, P. L.** (2021). Cognitive intra-individual variability in HIV: An integrative review. *Neuropsychology Reviews*. Manuscript in press.
9. **Fazeli, P. L.** Cheatwood, J. C.*, Vance, D. E., Shirey, M. R., Azuero, A., Crowe, M. G. (2021). The Association Between Personality and Cognitive Performance in Middle-aged and Older Adults with HIV. *Applied Neuropsychology: Adult*. Advanced online publication.
10. Grady, K.L., **Fazeli, P.L.**, Kirklin, J.K., Pamboukian, S.V., & White-Williams, C. 2021. Factors Associated with Health-related Quality of Life 2 Years after Left Ventricular Assist Device Implantation: Insights from the

Interagency Registry for Mechanically Assisted Circulatory Support. *Journal of the American Heart Association*, 10(14), e021196.

11. Vance, D. E., **Fazeli, P. L.**, Azuero, A., Wadley, V. G., Raper, J. L., & Ball, K. K. (2021). Can individualized-targeted computerized cognitive training benefit adults with HIV-Associated Neurocognitive Disorder? *AIDS and Behavior*. In press.
12. Vance, D. E., Fazeli, P. L., Azuero, A., Frank, J., Wadley, V. G., Raper, J. L., Pope, C. N., & Ball, K. K. (2021). Can individualized-targeted computerized cognitive training improve everyday functioning in adults with HIV-associated neurocognitive disorder? *Applied Neuropsychology: Adult*. Manuscript in press.
13. Vance, D.E., Perazzo, J., & **Fazeli, P.L.** Considering the Connections between NeuroAIDS and NeuroCOVID on Cognition with Implications for a Post-COVID Era. (2021). *Journal of the Association of Nurses in AIDS Care*. Manuscript in press.
14. Combs, B., Heaton, K., Brown, D.A., Gallagher, S., Jones, A., & **Fazeli, P.L.** Description of nature of musculoskeletal shoulder injuries in a cohort of commercial truck drivers: A retrospective cross-sectional study. *Workplace Health & Safety*. Manuscript in press.
15. Woods, S.P., Babicz, M.A.*, Matchanova, A.*, Sullivan, K.L., Avci, G., Hasbun, R., Giordano, T.P., **Fazeli, P.L.**, & Morgan, E.E. (2021) A Clinical Pilot Study of Spaced Retrieval Practice with a Self-Generation Booster to Improve Health-Related Memory in Persons with HIV Disease. *Archives of Clinical Neuropsychology*. Advance online publication. PMID: 33517368 DOI: [10.1093/arclin/acia130](https://doi.org/10.1093/arclin/acia130)
16. Pope, C.N., **Fazeli, P.L.**, Vance, D.E., Mrug, S., Ball, K.K., & Stavrinou, D. (2020). Cognitive reserve attenuates the association between HIV serostatus and cognitive performance in adults living in the Deep South. *Applied Neuropsychology: Adult*. Advance online publication. PMID: 33054407, PMCID: PMC8044258, DOI: [10.1080/23279095.2020.1832095](https://doi.org/10.1080/23279095.2020.1832095)
17. **Fazeli, P.L.**, Hopkins, C.N., Wells, A.*, Lambert, C.C., Turan, B., Kempf, M.C., & Vance, D.E. (2021). Examining the Acceptability of a Resilience Building Intervention in Older Adults with HIV. *Journal of the Association of Nurses in AIDS Care*. Advance online publication. PMID: 33427766, PMCID: PMC8257766, DOI: [10.1097/JNC.0000000000000229](https://doi.org/10.1097/JNC.0000000000000229)
18. Bell, T. R.*, Pope, C.N.*, **Fazeli, P.L.**, Crowe, M, Ball, K.K. (2020). Persistent low back pain on older adult falls and collisions: A longitudinal analysis. *Journal of Applied Gerontology*. Advance online publication. PMID: 33095077 DOI: [10.1177/0733464820966517](https://doi.org/10.1177/0733464820966517)
19. Matchanova, A.*, Babicz, M.*, Medina, L., **Fazeli, P.L.**, Vance, D.E., & Woods, S.P. (2020). Latent Structure of Health Literacy and Its Association with Self-Efficacy for Health Management and Health-Related Decision-Making in HIV. *Psychology and Health*. Advance online publication. PMID: 32897101, DOI: [10.1080/08870446.2020.1817453](https://doi.org/10.1080/08870446.2020.1817453)
20. Waldrop-Valverde, D., Irwin, C., Nicholson, W.C., Lee, C.L., Webel, A., **Fazeli, P.L.**, & Vance, D.E. (2021). The Intersection of Cognitive Ability and HIV: State of the Nursing Science. *Journal of the Association of Nurses in AIDS Care*. Advance online publication. PMID: 33449578. DOI: [10.1097/JNC.0000000000000232](https://doi.org/10.1097/JNC.0000000000000232)
21. Lee, Y., Batey, D.S., Clay, O.J., Emlet, C.A., **Fazeli, P.L.**, & Vance, D.E. (2021). Older caregivers with HIV: An unrecognized gap in the literature. *Journal of the Association of Nurses in AIDS Care*, 32(1), 29-36. PMID: 32541195. DOI: [10.1097/JNC.0000000000000180](https://doi.org/10.1097/JNC.0000000000000180)

22. Babicz, M.*, Woods, S. P., Morgan, E. E., & **Fazeli, P. L.** (2020). Apathy is associated with critical psychological determinants of medication adherence in HIV disease. *Journal of Clinical Psychology in Medical Settings*. Advance online publication. PMID: 32253661; PMCID: PMC7541422. Doi: 10.1007/s10880-020-09715-7
23. Pope, C. N.*, Gaini, M. S.*, **Fazeli, P. L.**, Vance, D. E., Bell, T. R., & Ball, K. K. (2020). Longitudinal predictors of vehicle crashes in community dwelling over adults: Do falls predict crashes? *Journal of Aging & Health*, 32(9), 1258-1266. PMID: 32340518. DOI: [10.1177/0898264320915111](https://doi.org/10.1177/0898264320915111)
24. **Fazeli, P.L.**, Woods, S.P., Lambert, C. C., Waldrop-Valverde, D., & Vance, D.E. (2020). Neurocognitive functioning is associated with self-reported and performance-based treatment management abilities in people living with HIV with low health literacy. *Archives of Clinical Neuropsychology*, 35(5), 517-527. doi: <https://doi.org/10.1093/arclin/acia005>; PMID: 32090235
25. **Fazeli, P.L.**, Waldrop-Valverde, D., Yigit, I., Turan, B., Edberg, J., Kempf, M., & Vance, D.E. (2020). An exploratory study of correlates of allostatic load in older people living with HIV. *Journal of Acquired Immune Deficiency Syndromes*, 83(5), 441–449. doi: <https://doi.org/10.1097/QAI.0000000000002293>; PMID: 31914006; PMCID: PMC7424692.
26. White-Williams, C., **Fazeli, P.L.**, Myers, S., Kirklin, J. K., Pamboukian, S. V., Naftel, D., & Grady, K. L. (in press). Health-related quality of life improves from before to two years after left ventricular assist device implantation, regardless of implant strategy: analyses from INTERMACS. *Journal of Heart and Lung Transplantation*.
27. Woods, S.P., **Fazeli, P.L.**, Matchanova, A.M., Vance, D.E., Medina, L.D., & Morgan, E.E. (2019). Dementia knowledge is low in individuals with HIV disease [Letter to the editor]. *International Psychogeriatrics*, 32(3), 415-416. <https://doi.org/10.1017/S104161021900139X>
28. **Fazeli, P.L.**, Woods, S.P., & Vance, D.E. (2019). Successful functional aging in middle-aged and older adults with HIV. *AIDS and Behavior*, 24, 1592–1598. Doi: <https://doi.org/10.1007/s10461-019-02635-0>; PMID: 31414298; PMCID: PMC7018561
29. Vance, D. E., Jensen, M., Tende, F., Walker, T. J., Robinson, J., Diehl, D., Fogger, S. A., & **Fazeli, P. L.** (2019). Informing adults with HIV of cognitive performance deficits indicative of HIV-Associated Neurocognitive Disorder: A content analysis. *Journal of Psychosocial Nursing and Mental Health Services*, 57(12), 48-55. doi: <https://doi.org/10.3928/02793695-20190821-03>; PMID: 31437282
30. Vance, D. E., Robinson, J., Walker, T. J., Tende, F., Bradley, B., Diehl, D., McKie, P., & **Fazeli, P. L.** (in press). Reaction to a probable diagnosis of HIV-Associated Neurocognitive Disorder: A content analysis. *Journal of the Association of Nurses in AIDS Care*, 31(3), 2790-289. Doi: <https://doi.org/10.1097/JNC.000000000000120>; PMID: 31436599
31. Morrison, S. A., **Fazeli, P. L.**, Gower, B., Willig, A. L., Younger, J., Sneed, M.*, & Vance, D. E. (2019). Cognitive Effects of a Ketogenic Diet on Neurocognitive Impairment in an Adults Aging with HIV: A Pilot Study. *Journal of the Association of Nurses in AIDS Care*, 31(3):312-324. doi: 10.1097/JNC.000000000000110.
32. **Fazeli, P. L.**, Woods, A. J., Vance, D. E., Pope, C. N.*, & Ball, K. K. (2019). The effect of transcranial direct current stimulation combined with cognitive training on cognitive functioning in older adults with HIV: A pilot study. *Applied Neuropsychology: Adult*, 26(1), 36-47. doi: 10.1080/23279095.2017.1357037. PMID: 29020472; PMCID: PMC5661972.

33. **Fazeli, P. L.**, Woods, S. P., Gakumo, C. A., Mugavero, M. J., & Vance, D. E. (2019). Critical, and not functional health literacy, is associated with missed HIV clinic visits in adults and older adults living with HIV in the Deep South. *AIDS Care*, 32(6):694-700. doi: 10.1080/09540121.2019.1622641 .doi: <https://doi.org/10.1080/09540121.2019.1622641>; PMID: 31137958; PMCID: PMC6881544
34. Vo, J. B.*, **Fazeli, P. L.**, Benz, R., Bail, J. R., Triebel, K., Vance, D. E., & Meneses, K. (2019). Effects of a speed of processing training intervention on self-reported health outcomes in breast cancer survivors. *Nursing: Research and Reviews*, 2019(9), 13-19.
35. **Fazeli, P. L.**, & Turan, B. (2019). Experience sampling method vs. questionnaire measurement of HIV stigma: Psychosocial predictors of response discrepancies and associations with HIV outcomes. *Stigma and Health*, 4(4), 487–494. <https://doi.org/10.1037/sah0000170>.
36. Vance, D. E., Cody, S. L., Nicholson, C.*, Cheatwood, J.*, Morrison, S., & **Fazeli, P. L.** (2019). The association between olfactory function and cognition in aging African American and Caucasian men with HIV: A pilot study. *Journal of the Association of Nurses in AIDS Care*, 30(5), e144-e155.
37. Vance, D. E., Cody, S. L., Nicholson, C.*, Cheatwood, J.*, Morrison, S., & **Fazeli, P. L.** (in press). Olfactory dysfunction in aging African American and Caucasian men with HIV: A pilot study. *Journal of the Association of Nurses in AIDS Care*. doi: 10.1097/JNC.0000000000000061
38. Vance, D. E., Lee, L., Muñoz-Moreno, J., Morrison, S., Overton, T., Willig, A., & **Fazeli, P. L.** (2019). Cognitive reserve over the lifespan: Neurocognitive implications for aging with HIV. *Journal of the Association of Nurses in AIDS Care*, 30(5):e109-e121. doi: 10.1097/JNC.0000000000000071.
39. Vance, D. E., **Fazeli, P. L.**, Cheatwood, J.*, Nicholson, C.*, Morrison, S., Moneyham, L. D. (2019). Targeting HIV-related neurocognitive impairments with cognitive training strategies: Insights from the cognitive aging literature. *Current Topics in Behavioral Neuroscience*, ePub ahead of print. doi: 10.1007/7854_2018_80
40. Vance, D. E., DeMarco, R., Blake, B., Ing, M. G., Relf, M., **Fazeli, P. L.** (2019). Revisiting successful aging with HIV through a revised biopsychosocial model: An update of the literature. *Journal of the Association of Nurses in AIDS Care*, 30(1), 5-14.
41. Vance, D. E., **Fazeli, P. L.**, Cheatwood, J., Nicholson, C.*, Morrison, S., & Moneyham, L. (2019). Computerized cognitive training for the neurocognitive complications of HIV infection: A systematic review. *Journal of the Association of Nurses in AIDS Care*, 30(1), 51-72.
42. **Fazeli, P. L.**, Moore, R. C., & Vance, D. E. (2019). Resilience attenuates the association between neurocognitive functioning and everyday functioning in individuals aging with HIV in the Deep South. *International Journal of Geriatric Psychiatry*, 34(1), 72-78.
43. Cody, S. L., **Fazeli, P. L.**, Crowe, M. G., Kempf, M-C., Moneyham, L., Stavrinos, D., & Vance, D. E. (2019). The effects of speed of processing training and transcranial direct current stimulation on global sleep quality and speed of processing in older adults with and without HIV: A pilot study. *Applied Neuropsychology: Adult*. doi: 10.1080/23279095.2018.1534736
44. Morrison, S. A., **Fazeli, P. L.**, Gower, B., Willig, A., Younger, J., & Vance, D. E. (2018). The Ketogenic diet as a non-pharmacological treatment for HIV-associated neurocognitive disorder: A descriptive analysis. *Journal of Psychiatry and Behavioral Sciences*, 3, 1014.
45. **Fazeli, P. L.** Montoya, J. L., McDavid, C. N., & Moore, D. J. (2018). Older HIV+ and HIV- adults provide similar definitions of successful aging: A mixed methods examination. *The Gerontologist*. Advance online publication. 60(3):385-395. doi: 10.1093/geront/gny157

46. Pope, C. N.*, Stavrinos, D., Vance, D. E., Woods, A. J., Bell, T. R., Ball, K. K., & **Fazeli, P. L.** (2018). A pilot investigation on the effects of combination transcranial direct current stimulation and speed of processing cognitive remediation therapy on simulated driving behavior in older adults with HIV. *Transportation Research Part F: Psychology and Behaviour*, 58, 1061-1073.
47. Sayegh, P., Moore, D.J., & **Wheeler, P.F.** (2018). HIV/AIDS in Later Life. In *Oxford Research Encyclopedia of Psychology*. Oxford University Press. doi: <http://dx.doi.org/10.1093/acrefore/9780190236557.013.430>
48. Vance, D. E., Jensen, M., Tende, F., Raper, J. L., Morrison, S., & **Fazeli, P. L.** (2018). Individualized-targeted computerized cognitive training to treat HIV-associated neurocognitive disorder: An interim descriptive study. *Journal of the Association of Nurses in AIDS Care*, 29(4), 604-611.
49. Moore, D. J., **Fazeli, P. L.**, Moore, R. C., Woods, S. P., Letendre, S. L., Jeste, D. V., & Grant, I. (2018). Positive psychological factors are linked to successful cognitive aging among older persons living with HIV/AIDS. *AIDS and Behavior*, 22(5), 1551-1561.
50. Meneses, K., Benz, R. Bail, J., Vo, J. B.*, Triebel, K., **Fazeli, P. L.**, Frank, J., & Vance, D. E. (2018). Speed of processing training in middle-aged and older breast cancer survivors (SOAR): Results of a randomized controlled pilot. *Breast Cancer Research and Treatment*, 168, 259-267. doi: 10.1007/s10549-017-4564-2. PMID: 29128897; PMCID: PMC5823754.
51. Moore, R.C., Hussain, M.*, Watson, W.*, **Fazeli, P. L.**, Marquine, M. J., Yarns, B., Jeste, D. V., Moore, D. J. (2018). Grit and ambition are associated with better neurocognitive and everyday functioning among adults infected with HIV. *AIDS and Behavior*, 22(10), 3214-3225.
52. Dufour, C. A.*, Marquine, M. J., **Fazeli, P. L.**, Umlauf, A., Henry, B. L., Zlatar, Z., ...Moore, D. J. (2018). A longitudinal analysis of the impact of physical activity on neurocognitive functioning among HIV-Infected adults. *AIDS and Behavior*, 22(5), 1562-1572. doi: 10.1007/s10461-016-1643-z PMID: 27990580; PMCID: PMC5476522.
53. Vance, D. E., **Fazeli, P. L.**, Wadley, V. G., Jensen, M., & Raper, J. L. (2018). Can computerized cognitive training reverse the diagnosis of HIV-Associated Neurocognitive Disorder?: A methodological perspective. *Research in Nursing & Health*, 41(1), 11-18. doi: 10.1002/nur.21841. PMID: 29266286; PMCID: PMC5780199.
54. Marquine, M.J., Heaton, A., Johnson, N., Rivera-Mindt, M., Cherner, M., Bloss, C., Hulgan, T., Umlauf, A., Moore, D.J., **Fazeli, P.**, Morgello, S., Franklin, D., Letendre, S., Ellis, R., Collier, A.C., Marra, C.M., Clifford, D.B., Gelman, B.B., Sacktor, N., Simpson, D., Mc. Cutchan, J.A., Grant, I., & Heaton, R.K. (2018). Differences in neurocognitive impairment among HIV-infected Latinos in the United States. *Journal of the International Neuropsychological Society*, 24(2), 163-175. doi: 10.1017/S1355617717000832. PMID: 28874213; PMCID: PMC5777885.
55. Moore, R.C., Paolillo, E.W., Heaton, A., **Fazeli, P.L.**, Jeste, D.V., & Moore, D.J. (2017). Clinical utility of the UCSD Performance-Based Skills Assessment – Brief (UPSA-B) in adults living with HIV: Associations with neuropsychological impairment and patient-reported everyday functioning difficulties. *PLoS One*, 12(8), e0183614. doi: 10.1371/journal.pone.0183614. PMID: 28837678; PMCID: PMC5570272.
56. Vance, D. E., Gakumo, C. A., Childs, G. D., Enah, C., & **Fazeli, P. L.** (2017). Perceptions of brain health and cognition in older African Americans and Caucasians with HIV: A focus group study. *Journal of the Association of Nurses in AIDS Care*, 28(6), 862-876. doi: 10.1016/j.jana.2017.07.006. PMID: 28802912; PMCID: PMC5633495.
57. Hossain, S., **Fazeli, P. L.**, Tende, F., Bradley, B., McKie, P., & Vance, D. E. (2017). The potential of computerized cognitive training on HIV-Associated Neurocognitive Disorder: A case comparison study.

58. Vance, D. E., Gakumo, C. A., Childs, G. D., Enah, C., & **Fazeli, P. L.** (2017). Feedback on a multimodal cognitive intervention for adults aging with HIV: A focus group study. *Journal of the Association of Nurses in AIDS Care*, 28(5), 685-697.
59. **Fazeli, P. L.**, Casaletto, K. B., Woods, S. P., Umlauf, A., Scott, J. C., & Moore D. J. (2017). Everyday multitasking abilities in older HIV+ adults: Neurobehavioral Correlates and the Role of Metacognition. *Archives of Clinical Neuropsychology*, 32(8), 917-928. doi: 10.1093/arclin/acx047. PMID: 28575231.
60. Montoya, J. L.* , Iudicello, J., Oppenheim, H. A., **Fazeli, P. L.**, Potter, M., Ma, Q., Moore, D. J. (2017). Coagulation imbalance and neurocognitive functioning in older HIV+ adults on suppressive antiretroviral therapy. *AIDS*, 31(6), 787-795. doi: 10.1097/QAD.0000000000001404. PMID: 28099190; PMCID: PMC5466004
61. Vance, D. E., **Fazeli, P. L.**, Shacka, J. J., Nicholson, W. C., McKie, P., Raper, J. L., Azuero, A., Wadley, V., & Ball, K. K. (2017). Testing a computerized cognitive training protocol in adults aging with HIV-associated neurocognitive disorder: An RCT in the Southern United States. *Journal of Medical Internet Research: Research Protocols*, 6(4), e68. doi: 10.2196/resprot.6625; PMID: 28446421; PMCID: PMC5422019.
62. Montoya, J. L.* , Iudicello, J., **Fazeli, P. L.**, Potter, M., Ellis, R. J., Letendre, S. L., Grant, I., Moore, D. J., & the HNRP Group. (2017). Elevated markers of vascular remodeling and arterial stiffness are associated with neurocognitive function in older HIV+ adults on suppressive antiretroviral therapy. *Journal of Acquired Immune Deficiency Syndromes*, 74(2):134-141, PMC5233588
63. **Fazeli, P. L.**, Castaletto, K. B., Paolillo, E.* , Moore, R. C., & Moore, D. J. (2017). Screening for neurocognitive impairment in HIV+ adults aged 50 and older: Montreal Cognitive Assessment relates to everyday functioning. *Journal of Clinical and Experimental Neuropsychology*, 39(9), 842-853. doi: 10.1080/13803395.2016.1273319. PMID: 28122474; PMCID: PMC5542876.
64. **Fazeli, P. L.**, Turan, J. M., Budhwani, H., Smith, W., Raper, J. L., Mugavero, M. J., & Turan, B. (2017). Moment-to-moment within-person associations between acts of discrimination and internalized stigma in people living with HIV: An experience sampling study. *Stigma and Health*, 2(3), 216-228. doi: 10.1037/sah0000051. PMID: 28966982; PMCID: PMC5614514.
65. Turan, B., Budhwani H., **Fazeli, P. L.**, Browning, W. R.* , Raper, J. L., Mugavero, M. J., & Turan, J. M. (2017). How does stigma affect people living with HIV? The mediating roles of internalized and anticipated HIV stigma in the effects of perceived community stigma on health and psychosocial outcomes. *AIDS and Behavior*, 21(1), 283-291. PMID: 27272742 PMCID: PMC5143223.
66. Sakoda, M. E.* , **Fazeli, P. L.**, Letendre, S. L., Jeste, D. V., Grant, I., & Moore, D. J. (2017). Higher cystatin C levels are associated with neurocognitive impairment in older HIV+ patients. *Journal of Acquired Immune Deficiency Syndromes*, 74(3), 243-249. PMC5303169
67. Vance, D. E., **Fazeli, P. L.**, Cody, S. L.* , Bell, T. R.* , & Pope, C. N.* (2016). A description and critical analysis of transcranial direct current stimulation: Implications for clinical practice and research. *Nursing: Research and Reviews*, 6, 23-31. doi: 10.2147/NRR.S115627. PMC5058330
68. Warman, G. A., Williams, F., Herrero, A., **Fazeli, P. L.**, & White-Williams, C. (2016). The design and redesign of a clinical ladder program: Thinking big and overcoming challenges. *Journal for Nurses in Professional Development*, 32(6), E1-E7. PMID: 27846090
69. Marquine, M. J., Montoya, J.* , Umlauf, A., **Fazeli, P. L.**, Gouaux, B., Ellis, R. J., Letendre, S. L., Grant, I., & Moore, D. J. (2016). The Veterans Aging Cohort Study (VACS) Index and Neurocognitive Change: A

Longitudinal Study. *Clinical Infectious Diseases*, 63(5), 694-702. doi: 10.1093/cid/ciw328. PMID: 27199461. PMCID: PMC4981756.

70. Vance, D. E., Cody, S. L.*, Nicholson, W. C.*, McManus, B. J.*, Stavrinou, D., Hoenig, A. K.*, & **Fazeli, P. L.** (2016). The neuroprotective influence of employment on cognitive reserve: Implications for an aging HIV population. *Journal of HIV/AIDS & Social Services*, 15(3), 284-298. DOI:10.1080/15381501.2016.1165159
71. Turan, B., **Fazeli, P. L.**, Raper, J. L., Mugavero, M. J., & Johnson, M. (2016). Social support and moment-to-moment changes in treatment self-efficacy in men living with HIV: Psychosocial moderators and clinical outcomes. *Health Psychology*, 35(10), 1126-1134. doi: 10.1037/hea0000356. PMID: 27089459. PMCID: PMC5033657.
72. Bryant, A. K*, **Fazeli, P. L.**, Letendre, S. L., Ellis, R. J., Potter, M., Burdo, T. H., Singh, K. K., Jeste, D. V., Grant, I., & Moore, D. J. (2016). Complement component 3 is associated with metabolic comorbidities in older HIV-positive adults. *AIDS Research and Human Retroviruses*, 32(3), 271-278. doi:10.1089/AID.2015.0179. PMID: 26499082. PMCID: PMC4779974.
73. **Fazeli, P. L.**, Moore, D. J., Letendre, S., Franklin, D. R., Umlauf, A., Heaton, R. K., Letendre, S. L. (2016). Lower CSF A β is associated with HAND in HIV-infected adults with a family history of dementia. *Current HIV Research*, 14(4), 324-330. PMCID: PMC4916008.
74. Marquine, M. J., Sakamoto, M., Dufour, C.*, Rooney, A., **Fazeli, P. L.**, Umlauf, A., ...Moore, D. J. (2016). The impact of ethnicity/race on the association between the Veterans Aging Cohort Study (VACS) Index and neurocognitive function among HIV-infected persons. *Journal of NeuroVirology*, 22(4), 442-454. PMCID: PMC4912471
75. Cody, S. L.*, **Fazeli, P. L.**, Moneyham, L., & Vance, D. E. (2016). The influence of neurocognitive functioning on proactive coping behaviors in adults with HIV. *Journal of Neuroscience Nursing*, 48(5), 285-294. doi: 10.1097/JNN.0000000000000216. PMID: 27579965.
76. Moore, R. C., **Fazeli, P. L.**, Patterson, T. L., Depp, C. A., Moore, D. J., Granholm, E., Jeste, D. V., & Mausbach, B. T. (2015). UPSA-M: Feasibility and initial validation of a mobile application of the UCSD Performance-Based Skills Assessment. *Schizophrenia Research*, 164(1-3), 187-192. doi: 10.1016/j.schres.2015.02.014. PMID: 25790903. PMCID: PMC4409538.
77. **Fazeli, P. L.**, Marquine, M. J., Dufour, C.*, Henry, B. L., Montoya, J.*, Gouaux, B., ...Moore, D. J. (2015). Physical activity is associated with better neurocognitive and everyday functioning in older adults with HIV disease. *AIDS and Behavior*, 19(8), 1470-1477. doi: 10.1007/s10461-015-1024-z, PMID: 25731660; PMCID: PMC4527965.
78. James, D., Jukkala, J. A., **Fazeli, P.**, McClab, A. (2015). Infusing Safety and Quality into Nursing Education. *Infusion Nurse Society (INS) Newsline*, 37(1), 11-13.
79. Moore, R. C., Eyler, L. T., Mausbach, B. T., Zlatar, Z. Z., Thompson, W. K., Peavy, G., **Fazeli, P. L.**, & Jeste, D. V. (2015). Complex interplay between health and successful aging: Role of perceived stress, resilience, and social support. *American Journal of Geriatric Psychiatry*, 23(6), 622-632. doi: 10.1016/j.jagp.2014.08.004, PMCID: 432984
80. Cody, S. L.*, **Fazeli, P. L.**, & Vance, D. E. (2015). Feasibility of a home-based speed of processing training program in middle-aged and older adults with HIV. *Journal of Neuroscience in Nursing*, 47(4), 247-254. PMID: 26153789; PMCID: 4545608; doi: 10.1097/JNN.0000000000000147
81. White-Williams, C., Grady, K. L., **Fazeli, P. L.**, Myers, S., Moneyham, L., Meneses, K., & Rybarczyk, B. (2014). The partial mediation effect of satisfaction with social support and coping effectiveness on health

related quality of life and perceived stress long-term after heart transplantation. *Nursing: Research and Reviews*, 2014(4), 129-134. doi: <http://dx.doi.org/10.2147/NRR.S71231>

82. Vance, D. E., **Fazeli, P. L.**, Dodson, J. E., Ackerman, M., Talley, M., & Apple, S. (2014). The synergistic effects of HIV, diabetes, and aging on cognition: Implications for practice and research. *Journal of Neuroscience Nursing*, 46(5), 292 – 305. PMID: 25099061; PMCID: PMC4156544.; doi: 10.1097/JNN.0000000000000074
83. Moore, R. C., **Fazeli, P. L.**, Jeste, D. V., Moore, D. J., Grant, I., Woods, S. P., & the HNRP Group. (2014). Successful cognitive aging and health-related quality of life in older adults infected with HIV. *AIDS and Behavior*, 18(6), 1186 – 1197. PMID: 24633788; PMCID: PMC4020963.
84. **Fazeli, P. L.**, Woods, S. P., Heaton, R. K., Umlauf, A., Gouaux, B., Rosario, D., Moore, R. C., Grant, I., & Moore, D. J. (2014). An active lifestyle is associated with better neurocognitive functioning in adults living with HIV-infection. *Journal of NeuroVirology*, 20(3), 233 – 242. PMID: 24554483; PMCID: PMC4040153.
85. Vance, D. E., **Fazeli, P. L.**, Ball, D. Z., Slater, L., & Ross, L. A. (2014). Cognitive functioning and driving simulator performance in middle-aged and older adults with HIV. *Journal of the Association of Nurses in AIDS Care*, 25(2), e11-e26.
86. **Fazeli, P. L.**, Doyle, K. L.*, Scott, J. C., Iudicello, J. E., Blackstone, K.*, Weber, E.*, ...Woods, S. P. (2014). Shallow encoding and forgetting are associated with dependence in instrumental activities of daily living among older adults living with HIV infection. *Archives of Clinical Neuropsychology*, 29(3), 278 – 288. PMID: 24695591; PMCID: PMC4000232.
87. **Fazeli, P. L.**, Crowe, M. G., Ross, L. A., Wadley, V., Ball, K. K., & Vance, D. E. (2014). Cognitive functioning in adults aging with HIV: A Cross-sectional analysis of cognitive subtypes and influential factors. *Journal of Clinical Research in HIV/AIDS and Prevention*, 1(4), 1-15.
88. Marquine, M. J., Umlauf, A., Rooney, A., **Fazeli, P. L.**, Gouax, B., Woods, S. P., ...Moore, D. J. (2014). The Veterans Administration Cohort Study (VACS) Index is associated with concurrent risk for neurocognitive impairment. *Journal of Acquired Immune Deficiency Syndromes*, 65(2), 190-197. PMID: 24442225; PMCID: PMC3907119.
89. Dufour, C. A.*, Marquine, M. J., **Fazeli, P. L.**, Henry, B., Ellis, R. J., Grant, I., Moore, D. J., & the HNRP Group. (2013). Physical exercise is associated with less neurocognitive impairment in HIV-infected adults. *Journal of Neurovirology*, 19(5), 410-417. PMID: 23934585; PMCID: PMC3795938; doi: 10.1007/s13365-013-0184-8
90. White-Williams, C., Patrician, P., **Fazeli, P. L.**, Degges, M. A., Graham, S., Andison, M., Shedlarski, A., Harris, L., & McCaleb, K. A. (2013). Use, knowledge, and attitudes toward evidence based practice among nursing staff. *Journal of Continuing Education in Nursing*, 44(6), 246-254. PMID: 23565602; doi: 10.3928/00220124-20130402-38.
91. **Fazeli, P. L.**, Ball, K. K., Ross, L. A., & Vance, D. E. (2013). The relationship between computer experience and computerized cognitive test performance among older adults. *The Journals of Gerontology, Series B: Psychological Sciences and Social Sciences*, 68(3), 337-346. PMID: 22929395; PMCID: PMC3627654; doi: 10.1093/geronb/gbs071.
92. Vance, D. E., **Fazeli, P. L.**, Kaur, J., Pearce, P. P., & McGuinness, T. (2012). Neuropsychology and cognitive health in healthy older adults: A brief overview for psychiatric nurses. *Journal of Psychosocial Nursing and Mental Health Services*, 50(6), 31-37. PMID: 22589228; doi: 10.3928/02793695-20120508-03.
93. Vance, D. E., **Fazeli, P. L.**, Grant, J. S., Slater, L. Z., & Raper, J. L. (2013). The role of neuroplasticity and cognitive reserve in aging with HIV: Recommendations for cognitive protection and rehabilitation. *Journal of*

Neuroscience Nursing, 45(5), 306-316. PMID: 24025470; PMCID: PMC3772535; doi: 10.1097/JNN.0b013e31829d8b29.

94. Vance, D. E., **Fazeli, P. L.**, & Gakumo, C. A. (2013). The impact of neuropsychological performance on everyday functioning between older and younger adults with and without HIV. *Journal of the Association of Nurses in AIDS Care*, 24(2), 112-125. PMID: 22943982; PMCID: PMC3515709; doi: 10.1016/j.jana.2012.05.002.
95. Vance, D. E., **Fazeli, P. L.**, Moneyham, L., Keltner, N. L., & Raper, J. L. (2013). Assessing and treating forgetfulness and cognitive problems in adults with HIV. *Journal of the Association of Nurses in AIDS Care*, 24(1S), S40-S60. PMID: 23290376; PMCID: PMC3591816; doi: 10.1016/j.jana.2012.03.006.
96. Vance, D. E., **Fazeli, P. L.**, Ross, L. A., Wadley, V., & Ball, K. K. (2012). Speed of processing training with middle-aged and older adults with HIV: A pilot study. *Journal of the Association of Nurses in AIDS Care*, 23(6), 500-510. PMID: 22579081; PMCID: PMC3422374; doi: 10.1016/j.jana.2012.01.005.
97. Vance, D. E., Kaur, J., **Fazeli, P. L.**, Talley, M. H., Yuen, H. K., Kitchin, B., & Lin, F. (2012). Neuroplasticity and successful cognitive aging: A brief overview for nursing. *Journal of Neuroscience Nursing*, 44(4), 218-227. PMID: 22743813; PMCID: PMC3828033; doi:10.1097/JNN.0b013e3182527571.
98. Vance, D. E., Graham, M., **Fazeli, P. L.**, Heaton, K., & Moneyham, L. (2012). An overview of non-pathological geroneuropsychology: Implications for nursing practice and research. *Journal of Neuroscience Nursing*, 44(1), 43-53. PMID: 22210304; PMCID: PMC3252207; doi: 10.1097/JNN.0b013e31823ae48b.
99. Vance, D. E., Bayless, H., Kempf, M. C., Keltner, N. L., & **Fazeli, P. L.** (2011). Aging, HIV, and wellness: Augmenting the components of successful aging. *Aging Health*, 7(3), 435-446.
100. Vance, D. E., McGuinness, T., Musgrove, K., Orel, N. A., & **Fazeli, P. L.** (2011). Successful aging and the epidemiology of HIV. *Clinical Interventions in Aging*, 6, 181-182. PMID: 21822373; PMCID: PMC3147048; doi: 10.2147/CIA.S14726
101. Vance, D. E., Heaton, K., Eaves, Y., & **Fazeli, P. L.** (2011). Sleep and cognition on everyday functioning in older adults: Implications for nursing practice and research. *Journal of Neuroscience Nursing*, 43(5), 261-273. PMID: 21926521; doi: 10.1097/JNN.0b013e318227efb2.
102. **Fazeli, P. L.**, Marceaux, J. C., Vance, D. E., Slater, L., & Long, C. A. (2011). Predictors of cognition in adults with HIV: Implications for nursing practice and research. *Journal of Neuroscience Nursing*, 43(1), 36-50. PMID: 21338043; PMCID: PMC3039887
103. Vance, D. E., Heaton, K., **Fazeli, P. L.**, & Ackerman, M. L. (2010). Aging, speed of processing, and everyday functioning: Implications for practice and research. *Activities, Adaptation and Aging*, 34(4), 276-291. doi: 10.1080/01924788.2010.523867
104. Vance, D., Eagerton, G., Harnish, B., Mckie-Bell, P., & **Fazeli, P. L.** (2011). Cognitive prescriptions across the lifespan: A nursing approach to increasing cognitive reserve. *Journal of Gerontological Nursing*, 37(4), 22-29. doi: 10.3928/00989134-20101202-03. PMID: 21175110.
105. Vance, D. E., Roberson, A. J., McGuinness, T., & **Fazeli, P. L.** (2010). How neuroplasticity and cognitive reserve protect cognitive functioning. *Journal of Psychosocial Nursing and Mental Health Services*, 48(4), 23-30. PMID:20349891; doi: 10.3928/02793695-20100302-01.

Book Chapters:

1. Moore, D.J., **Fazeli, P.L.** (2017). Geriatric psychiatry: Assessment of functioning. In B.J. Sadock, V. A., Sadock, & P. Ruiz (Eds.), *Kaplan and Sadock's Comprehensive Textbook of Psychiatry* (9th Edition). Philadelphia, PA: Lippincott Williams & Wilkins.
2. Fazeli, P.L., & Pope, C.N. AIDS Dementia and HIV-related cognitive decline. (2021). In Farrer, T. J. (Ed.) *Introduction to Dementia for Healthcare and Human Services Professionals*. Wiley Blackwell.
3. Moore, D.J., Kohli, M., **Fazeli, P.L.** (2021). Geriatric psychiatry: Assessment of functioning. In B.J. Sadock, V. A., Sadock, & P. Ruiz (Eds.), *Kaplan and Sadock's Comprehensive Textbook of Psychiatry* (10th Edition). Philadelphia, PA: Lippincott Williams & Wilkins.

PRESENTATIONS:

Peer-reviewed posters

International

1. **Fazeli, P.L.**, Woods, S.P., Lambert, C.C., Li, W., Hopkins, C.N., & Vance, D.E. Synergistic Effects of BDNF and Race on Memory Functioning in Older Adults with HIV. *Oral Presentation to the 50th Annual Meeting of the International Neuropsychological Society*, New Orleans, LA, February 2022.
2. Vance, D. E., **Fazeli, P. L.**, Cheatwood, J., Nicholson, C., Morrison, S., & Moneyham, L. D. (2018, October). *Can HIV-associated neurocognitive disorder (HAND) be treated with computerized cognitive training? Evidence from a systematic review*. Poster presented at the 20th International Workshop on Co-morbidities and Adverse Drug Reactions in HIV, New York, NY.
3. **Fazeli, P. L.**, Cheatwood, J., Morrison, S., & Vance, D. E. (2018, July). *Cognitive leisure activities are associated with better neurocognitive functioning in adults aging with HIV*. Abstract submitted to the International Neuropsychological Society Mid-Year Meeting, Prague, Czech Republic.
4. Vance, D., **Fazeli, P. L.**, Cheatwood, J., Nicholson, C., Morrison, S., & Moneyham, L. (2018, July). *A systematic review of cognitive training protocols for the treatment of neurocognitive impairments in HIV infection: Implications for an aging population*. Poster presented at the 22nd International AIDS Society, Amsterdam, Netherlands.
5. Vance, D., **Fazeli, P. L.**, Morrison, S., Cheatwood, J., & Nicholson, C. (2018, March). *Cognitive interventions and cognitive training in adults with HIV: A state of the science*. Poster presented at the 12th CONy World Congress on Controversies in Neurology, Warsaw, Poland.
6. Vance, D. E., & **Fazeli, P. L.** (2017, March). *The Think Fast Study – A randomized controlled study to improve speed of processing in adults with HIV-Associated Neurocognitive Disorder*. Poster presented at the 10th World Congress on Neurology and Therapeutics, Madrid, Spain.
7. Vance, D. E., & **Fazeli, P. L.** (2017, March). *HIV-Associated Neurocognitive Disorder: How useful is the diagnosis?* Poster presented at the 10th World Congress on Neurology and Therapeutics, Madrid, Spain.
8. Vance, D. E., & **Fazeli, P. L.** (2017, April). *Do older adults with HIV know how to protect or improve their cognition?* Poster presented at the 3rd World Congress of Nursing, Barcelona, Spain.
9. Vance, D. E., & **Fazeli, P. L.** (2017, April). *Are computerized cognitive training programs worth it?* Poster presented at the 3rd World Congress of Nursing, Barcelona, Spain.

10. Montoya, J. L.*, Iudicello, J., Oppenheim, H. A., **Fazeli, P. L.**, Potter, M., Ma, Q., Mills, P. J., Ellis, R. J., Grant, I., Letendre, S. L., Moore, D. J., & the HNRP group (2016, September). *Coagulation and neurocognitive functioning in older adults HIV+ adults on suppressive antiretroviral therapy*. Poster presented at the 7th International Workshop on HIV and Aging, Washington, DC.
11. Montoya, J. L.*, Iudicello, J., **Fazeli, P. L.**, Hong, S., Potter, M., Ellis, R. J., Grant, I., Letendre, S. L., Moore, D. J., & the HNRP Group. (2016, September). *Pulse pressure is associated with neurocognitive function in older adults with HIV disease on suppressive antiretroviral therapy*. Poster presented at the International Workshop on Co-morbidities and Adverse Drug Reactions in HIV. New York, NY.
12. Pope, C. N., Stavrinou, D., & **Fazeli, P. L.** (2016, August). *The effects of combination tDCS and speed of processing training on simulated driving behavior in adults living with HIV*. Abstract submitted to the International Conference on Traffic and Transport Psychology, August 2016, Brisbane, Australia.
13. White-Williams, C., **Fazeli, P. L.**, Crosswy, A., & Kirklin, J. K. (2016, April). *Associations and differences in behavioral and emotional symptoms among parents, teachers, and school-aged youth: The school experience after pediatric heart transplantation (HT)*. Poster presented at the International Society for Heart and Lung Transplantation 36th Annual Meeting, Washington, D.C.
14. **Fazeli, P. L.**, Casaletto, K. B., Moore, R. C., Moore, D. J., & the HNRP Group. (2016, February). *The Montreal Cognitive Assessment to screen for HIV-associated neurocognitive disorders in older adults: Sensitivity, specificity, and external validity*. Poster presented at the 44th Annual Meeting of the International Neuropsychological Society, Boston, MA.
15. Moore, R. C., Delano-Wood, L., Kim, R., Hanson, K., Sorg, S., Clark, A. L., Zlatar, Z. Z., **Fazeli, P. L.**, Eyler, L. T., & Schiehser, D. M. (2016, February) *Engagement in an active lifestyle is associated with better neurocognitive functioning among veterans with mild traumatic brain injury*. Poster presented at the 44th Annual Meeting of the International Neuropsychological Society, Boston, MA.
16. White-Williams, C., **Fazeli, P.**, Crosswy, A., & Hubbard, M. (2015, April). *Factors associated with behavioral and emotional symptoms in school-aged youth after pediatric heart transplantation: Preliminary findings*. Poster presented at the International Society for Heart and Lung Transplantation 35th Annual Meeting, Nice, France.
17. **Fazeli, P. L.**, Marquine, M. J., Dufour, C., Henry, B. L., Montoya, J., Gouaux, B., Moore, R. C., Letendre, S. L., Woods, S. P., Grant, I., Jeste, D. V., Moore, D. J., & the HNRP Group (2015, February). *Physical activity is associated with better neurocognitive and everyday functioning in older adults with HIV disease*. Poster presented at the annual meeting of the International Neuropsychological Society, Denver, CO.
18. Moore, D. J., **Fazeli, P. L.**, Casaletto, K. B., Letendre, S. L., Scott, J. C., Woods, S. P., Jeste, D. V., Grant, I., & the HNRP Group (2015, February). *Neuropsychological functioning is associated with multitasking in older HIV+ adults*. Poster presented at the annual meeting of the International Neuropsychological Society, Denver, CO.
19. Casaletto, K. B., **Fazeli, P. L.**, Woods, S. P., Moore, D. J., & the HNRP group (2015, February). *Metacognition partially mediates the relationship between neurocognitive and everyday functioning in older HIV+ adults*. Poster presented at the annual meeting of the International Neuropsychological Society, Denver, CO.
20. Sakoda, M.E., **Fazeli, P.L.**, Letendre, S.L., Jeste, D.V., Grant, I, Moore, D.J. & the HNRP Group (2015, February). *Cystatin C is associated with neurocognitive impairment in older HIV+ adults*. Poster presented at the annual meeting of the Conference on Retroviruses and Opportunistic Infections, Seattle, WA.
21. **Fazeli, P.L.**, Moore, D. J., Franklin, D. R., Umlauf, A., Heaton, R. K., Collier, A., Marra, C., Clifford, D., Gelman, B., McArthur, J., Morgello, S., Simpson, D., McCutchan, J. A., Grant, I., Letendre, S. L., & the

CHARTER Group (2015, February). *Lower CSF amyloid- β levels are associated with worse neurocognitive functioning in HIV-infected adults with a family history of dementia*. Poster presented at the annual meeting of the Conference on Retroviruses and Opportunistic Infections, Seattle, WA.

22. Moore, D. J., **Fazeli, P. L.**, Marquine, M. J., Moore, R. C., Woods, S. P., Letendre, S., Jeste, D. V., Grant, I., & the HNRP Group (2014, June). *Higher levels of social interaction are associated with less neurocognitive impairment in older adults with HIV*. Poster presented at the 7th Symposium on Neuropsychiatry and HIV, Barcelona, Spain.
23. **Fazeli, P. L.**, Doyle, K. L., Scott, J. C., Iudicello, J. E., Blackstone, K., Weber, E., Moore, D. J., Morgan, E. E., Grant, I., Woods, S. P., & the HNRP Group. (2014, February). *Shallow encoding and forgetting are associated with dependence in instrumental activities of daily living among older adults living with HIV infection*. Poster presented at the annual meeting of the International Neuropsychological Society, Seattle, WA.
24. Blackstone, K., Scott, J. C., **Fazeli, P. L.**, Woods, S. P., Moore, D. J., & the HNRP Group, (2014, February). *Metacognition of everyday multitasking among HIV+ adults*. Poster presented at the annual meeting of the International Neuropsychological Society, Seattle, WA.
25. Moore, R. C., **Fazeli, P. L.**, Jeste, D. V., Moore, D. J., Grant, I., Woods, S. P., & the HNRP Group. (2013, October). *Successful cognitive aging and health-related quality of life in older adults infected with HIV*. Poster presented at the 4th International Workshop on HIV and Aging, Baltimore, MD.
26. **Fazeli, P. L.**, Dufour, C., Marquine, M. J., Moore, R. C., Letendre, S., Woods, S. P., Jeste, D. V., Grant, I., Moore, D. J., & the HNRP Groups. (2013, October). *Moderate physical activity is associated with better executive functioning in older adults with HIV*. Poster presented at the 4th International Workshop on HIV and Aging, Baltimore, MD.
27. **Fazeli, P. L.**, Blackstone, K., Rooney, A., & Moore, D. J. (2013, February). *Factors related to medication management abilities in older adults with HIV: A pilot study*. Poster presented at the annual meeting of the International Neuropsychological Society, Waikoloa, HI.
28. **Fazeli, P. L., Vance, D. E., McKie-Bell, P., & Ross, L. A. (2011, February). Speed of processing training in adults with HIV. Poster presented at the Annual Meeting of the** International Neuropsychological Society, Boston, MA.
29. **Fazeli, P. L., Vance, D. E., McKie-Bell, P., & Ross, L. A. (2011, February). The effect of age and HIV on neuropsychological and everyday performance. Poster presented at the Annual Meeting of the** International Neuropsychological Society, Boston, MA.
30. Vance, D. E., **Fazeli, P. L.**, & Marceaux, J. (2010, February). *Predictors of neuropsychological functioning in adults with HIV*. Poster presented at the International Neuropsychological Society Annual Conference, Acapulco, Mexico.
31. Vance, D. E., Marceaux, J., & **Fazeli, P. L.** (2010, February). *Improving speed of processing in adults aging with HIV: A pilot study*. Poster presented at the International Neuropsychological Society Annual Conference, Acapulco, Mexico.

National

32. Bell, T. R., Pope, C., **Fazeli, P.L.**, Crowe, M, Ball, K.K. (2019). Persistent low back pain on older adult falls and collisions: A longitudinal analysis. Gerontological Society of America Annual Convention. Austin, Texas.

33. Vance, D. E., Tende, F., Robinson, J. J., Walker, T., Bradley, B., McKie, P., Cheatwood, J., & **Fazeli P. L.** (November, 2019). Does speed of processing training improve cognitive efficiency in adults with HIV-Associated Neurocognitive Disorder? Findings from the THINKFAST Study. Poster presented at the Association of Nurses in AIDS Care, Portland, OR.
34. Ashley, K. D., Vance, D. E., & **Fazeli, P. L.** (2019, April) *Predictors of Employment in Middle-Aged and Older Adults with HIV: Implications for Occupational Health Nursing*. Poster to be presented at the 2019 Annual Conference of the American Association of Occupational Health Nurses, Jacksonville, FL.
35. Morrison, S. A., Fazeli, P. L., Gower, B., Willig, A. L., Younger, J., Sneed, M., & Vance, D. E. (2018, November). *Effects of the ketogenic diet on cognitive performance in older adults with cognitive deficits: A randomized pilot trial*. Poster presented at annual meeting of the Association of Nurses in AIDS Care (ANAC), Denver, CO.
36. Vance, D. E., **Fazeli, P. L.**, Cheatwood, J., Nicholson, C., Morrison, S., & Moneyham, L. D. (2018, November). *Can computerized cognitive training address the neurocognitive complications of HIV?: A systematic review*. Poster presented at the annual meeting of the Association of Nurses in AIDS Care, Denver, CO.
37. **Fazeli, P. L.**, Woods, S. P., Gakumo, A., & Vance, D. E. (2018, November). *Neurocognitive functioning is associated with self-reported HIV treatment management in HIV+ adults with low health literacy*. Poster presented at the annual meeting of the Association of Nurses in AIDS Care (ANAC), Denver, CO.
38. Pope, C. N., Stavrinou, D., Vance, D. E., Ball, K. K., Mrug, S., & **Fazeli, P. L.** (2018, August). *Associations between age, HIV disease state, and cognitive reserve on cognitive performance*. Poster presented at the 2018 American Psychological Association Convention, San Francisco, CA.
39. Diehl, D., Pope, C.N., Stavrinou, D., Bell, T., Vance, D.E., & **Fazeli, P.L.** (2018, August). *Association between executive function difficulty and quality of life in older adults with HIV*. Poster presented at the 2018 American Psychological Association Convention, San Francisco, CA.
40. Cysique, L., Rourke, S., Ances, B., Arendt, G., Antinori, A., Becker, J., Brew, B. J., Brouwers, P., Byrd, D. A., Carvalhal, A., Cavassini, M., Chang, L., Cherner, M., Clifford, D., Cinque, P., Cohne, R., Penalva De Oliveira, C., Falutz, J., **Fazeli, P.**, Fellows, L., Fennema-Notestine, C., Gissien, M., Grant, I., Hestad, K., Hoare, J., Imran, D., Jahanshad, N., Jeymohna, J., Joska, J., Kallianpur, K. J., Kanmongne, G., Kessels, P. P. C., Heaton, R. K., Hinkin, C., Lal, L., Letendre, S., Levine, A., Li, P., Ludicello, J., Marcotte, T., Martin, E., Meade, C., Marquine, M., McArthur, J. C., Milan, J., Morgello, S., Munoz-Moreno, J., Morgan, E., Nakasujja, N., Moore, D., Nath, A., Njamnshi, N., Nir, T., Renaud du Pasquier, R. P., Power, C., Price, R. W., Rivera-Mindt, M., Rao, V. R., Robertson, K., Robins, R., Underwood, J., Sacktor, N., Schouten, J., Spudich, S., Stein, D., Thames, A., Thompson, P., Valcour, V., Vance, D., Waldrop-Valverde, D., Vidal, J., Winston, A., Wojna, V., Woods, S., & Wright, E. (2017, October). *Establishing an international task force to address potential revisions of HAND Frascati criteria: Rationale, proposal/goals, areas to review/update, logistics and timeline*. Poster presented at the NeuroHIV in ART Era, sponsored by NIH (NINDS, NIAID, NIDA, NIA, NICHD, Division of AIDS Research at NIMH, & Office of AIDS Research, Bethesda, MD.
41. Gaini, M.*, Pope, C. N.*, Bell, T.*, **Fazeli, P. L.**, & Ball, K. K. (2017, April). *Do baseline falls predict motor vehicle collisions over time in older drivers? A longitudinal investigation of falls and collisions from the Maryland Driving Study*. Poster presented at the National Conference on Undergraduate Research, Memphis, TN.
42. Moore, R. C., Marquine, M. M., Depp, C.A., **Fazeli, P.L.**, Woods, Steven P., & Moore, David J. (2016, March). *Successful aging with HIV: clinical Considerations for care providers*. Poster presented at the annual meeting of the American Association of Geriatric Psychiatry, Washington, D.C.

43. **Fazeli, P. L.**, Raper, J. L., Mugavero, M. J., Willig, J. H., & Turan, B. (2016, January). *Predictors and consequences of moment to moment changes in treatment self-efficacy in men living with HIV: An experience sampling study*. Poster presented at the Annual Meeting of the Society for Personality and Social Psychology, San Diego, CA.
44. Owens, M. A., **Fazeli, P. L.**, Raper, J. L., Mugavero, M. J., & Turan, B. (2016, January). *Momentary experiences of discrimination and internalized stigma for persons living with HIV: An experience sampling study*. Poster presented at the Annual Meeting of the Society for Personality and Social Psychology, San Diego, CA.
45. Sakoda, M.E.*, **Fazeli, P.L.**, Letendre, S.L., Jeste, D.V., Grant, I, Moore, D.J. & the HNRP Group (2015, April). *Cystatin C is associated with neurocognitive impairment in older HIV+ adults*. Poster presented at the 67th annual American Academy of Neurology Meeting, Washington, D.C.
46. Humphrey, S. C., **Fazeli, P.**, & Vance, D. E. (2014, November). *Remote speed of processing training in middle-aged and older adults with HIV*. Abstract presented at the National Academy of Neuropsychology (NAN), Fajardo, Puerto Rico.
47. **Fazeli, P. L.**, Gouaux, B., Rosario, D., Heaton, R. K., & Moore, D. J. (2013, October). *Neurocognition and protective factors in HIV: Implications for cognitive reserve*. Poster presented at the annual meeting of the National Academy of Neuropsychology, San Diego, CA.
48. **Fazeli, P. L.**, Vance, D. E., Ball, K. K., Crowe, M. G., Wadley, V., & Ross, L. A. (2012, November). *Cognitive functioning in adults aging with HIV: Exploring cognitive subtypes and influential factors*. Poster presented at the annual meeting of the Gerontological Society of American, San Diego, CA.
49. **Fazeli, P. L.**, Vance, D. E., Ross, L. A., & Ackerman, M. L. (2010, November). *Neuropsychological and functional comparisons of older and younger adults with and without HIV*. Poster presented at the Annual Meeting of the Gerontological Society of America, New Orleans, LA.
50. Vance, D. E., **Fazeli, P. L.**, Ross, L. A., & Ackerman, M. L. (2010, October). *The effect of a speed of processing intervention on adults with HIV*. Poster presented at the National Academy of Neuropsychology Annual Conference, Vancouver, Canada.
51. **Fazeli, P. L.**, Vance, D. E., Ross, L. A., & Ackerman, M. L. (2010, October). *Comparison of older and younger adults with and without HIV on neuropsychological and everyday functioning*. Poster presented at the National Academy of Neuropsychology Annual Conference, Vancouver, Canada.
52. **Fazeli, P. L.**, Marceaux, J. C., & Vance, D. E. (2009, November). *Aging with HIV: Predictors of neuropsychological functioning*. Poster presented at the Gerontological Society of America Annual Conference, Atlanta, GA.
53. **Fazeli, P. L.**, Marceaux, J. C., & Vance, D. E. (2009, November). *Predictors of neuropsychological performance among HIV-positive aging adults*. Poster presented at the National Academy of Neuropsychology Annual Conference, New Orleans, LA.
54. Marceaux, J. C., **Fazeli, P. L.**, & Vance, D. E. (2009, November). *Speed of processing training in adults with HIV: A pilot study*. Poster presented at the National Academy of Neuropsychology Annual Conference, New Orleans, LA.

55. Robinson, J. J., Walker, T., **Fazeli P. L.** & Vance, D. E. (2019, March). *What is the utility of the HIV-Associated Neurocognitive Disorder (HAND) diagnosis?* Poster submitted for presentation at the 2019 Southeastern Psychological Association Annual Meeting, Jacksonville, FL.
56. Pope, C. N., Stavrinos, D., Vance, D. E., Ball, K. K., Mrug, S., & **Fazeli, P. L.** (2018, May). *The association between age, disease state, and cognitive reserve on cognitive performance in adults aging with and without HIV.* Poster presented at the 2018 Cognitive Aging Conference, Atlanta, GA.
57. Cody, S. L., Crowe, M. G., **Fazeli, P. L.**, Heaton, K., Kempf, M-C., Moneyham, L. D., Stavrinos, D. & Vance, D. E. (2017, November). *The effects of speed of processing training and transcranial direct current stimulation on sleep and global processing in older adults with and without HIV.* Poster presented at the HIV & Aging: From Mitochondria to the Metropolis Conference, Nell Hodgson Woodruff School of Nursing, Emory University, Atlanta, GA.
58. Vance, D. E., Tende, F., Bradley, B., Hart, K., McKie, P., Roberts, J., & **Fazeli, P. L.** (2017, November). *A case comparison study of reversing HIV-Associated Neurocognitive Disorder with cognitive training technology.* Poster presented at the HIV & Aging: From Mitochondria to the Metropolis Conference, Nell Hodgson Woodruff School of Nursing, Emory University, Atlanta, GA.
59. Vance, D. E., Bradley, B., Tende F., Hart, K., & **Fazeli, P. L.** (2017, November). *What do older adults with HIV know about brain health? Feedback on a multi-modal lifestyle intervention.* Poster presented at the HIV & Aging: From Mitochondria to the Metropolis Conference, Nell Hodgson Woodruff School of Nursing, Emory University, Atlanta, GA.
60. Pope, C.N. Stavrinos, D., Bell, T.R., & **Fazeli, P.L.** (2016, April). *The effects of combination tDCS and speed of processing training on simulated driving behavior in older HIV-positive adults.* Poster presented at Cognitive Aging Conference, Atlanta, GA.
61. **Fazeli, P. L.**, Payne, K. L., & Allen, R. S. (2008, March). *A case study focusing on experiences with cancer treatment and healthcare staff.* Poster presented at the annual meeting of Student Mentoring Conference in Gerontology and Geriatrics, Tybee Island, GA.

State/Local

62. Bell, T.* , Pope, C.* , Stavrinos, D., Vance, D. E., & Fazeli, P. (2017, March). *Social dysfunction explains the relation between pain and depressive symptoms in older adults with HIV.* Poster presented at the 12th Annual Health Disparities Symposium, University of Alabama at Birmingham, Birmingham, AL.
63. Pope, C. N.* , **Fazeli, P. L.**, Vance, D. E., & Stavrinos, D. (2017, March). *On the road to better healthcare access: Assessing transportation barriers in older adults with HIV.* Poster presented at the 12th Annual Health Disparities Research Symposium, University of Alabama at Birmingham, Birmingham, AL.
64. Pope, C. N.* , Stavrinos, D., & **Fazeli, P.L.** (2016, April). *The effects of combination tDCS and Speed of Processing training on simulated driving behavior in adults living with HIV.* Poster presented at the 11th Health Disparities Research Symposium, The University of Alabama at Birmingham, Birmingham, AL.
65. Humphrey, S. C., **Fazeli, P.**, & Vance, D. E. (2014, September). *Evaluation of a home-based speed of processing training program in middle-aged and older adults with HIV.* Poster presented at the Annual Magnet Evidence Based Practice and Research Day, University Hospital, Birmingham, Alabama.
66. **Fazeli, P. L.** (2014, August). *Lower levels of moderate physical activity are associated with neurocognitive impairment and IADL dependence in older HIV+ adults.* Poster presented at the UCSD Interdisciplinary Research Fellowship in NeuroAIDS Annual Retreat. San Diego, CA.

67. **Fazeli, P. L.**, Doyle, K. L., Scott, J. C., Iudicello, J. E., Blackstone, K., Weber, E., Moore, D. J., Morgan, E. E., Grant, I., Woods, S. P., & the HNRP Group. (2014, March). *Shallow encoding and forgetting are associated with dependence in instrumental activities of daily living among older adults living with HIV infection*. Poster presented at the 2014 9th Annual UCSD Lewis L. Judd Young Investigators Research Symposium, San Diego, CA.
68. **Fazeli, P. L.**, Blackstone, K., Rooney, A., & Moore, D. J. (2013, March). *Factors related to medication management abilities in older adults with HIV: A pilot study*. Poster presented at the UCSD 8th Annual Junior Faculty & Postdoctoral Fellows Research Symposium, San Diego, CA.
69. **Fazeli, P. L., Vance, D. E., McKie-Bell, P., & Ross, L. A. (2010, October). *The effect of visual speed of processing training on middle-aged and older adults with HIV*. Poster presented at the annual meeting of the UAB Center for Aging, Birmingham, AL.**
70. **Fazeli, P. L., Vance, D. E., McKie-Bell, P., & Ross, L. A. (2010, October). *Neuropsychological and functional comparisons of older and younger adults with and without HIV*. Poster presented at the UAB Center for Aging, Birmingham, AL.**
71. **Fazeli, P. L.**, Marceaux, J. C., & Vance, D. E. (2009, August). *Predictors of neuropsychological performance among HIV-positive aging adults*. Poster presented at the annual meeting of **the UAB Center for Aging, Birmingham, AL.**

Peer-reviewed oral presentations

International

9. Pope, C. N., Stavrinou, D., **Fazeli, P. L.**, & Vance, D. E. (September 2020). The association between transportation barriers and health status in middle-aged and older adults living with HIV in the Deep South. Abstract accepted for oral presentation at the International Workshop on HIV & Aging 2020, New York, NY.
10. White-Williams, C., **Fazeli, P.L.**, Grady, K. (April 2020). Health-related quality of life differs by pre-operative implant strategy from before through mid-term after surgery: Findings from INTERMACS. Paper accepted for oral presentation at the International Society for Heart and Lung Transplantation, Montreal, Canada.
11. Vance, D. E., Cody, S. L., Nicholson, C., Cheatwood, J., Morrison, S., & **Fazeli, P. L.** (2019, August). *The Relationship between Olfaction and Cognition: Implications for Men Aging with HIV*. Paper presentation at the 19th World Psychiatric Association World Congress of Psychiatry, Lisbon, Portugal.
12. Vance, D. E., Robinson, J. J., Walker, T., Tende, F., Bradley, B., Diehl, D., McKie, P., & **Fazeli P. L.** (2019, August). *Should patients be told they have HIV-Associated Neurocognitive Disorder?* Paper presentation at the 19th World Psychiatric Association World Congress of Psychiatry, Lisbon, Portugal.
13. Vance, D. E., Cody, S. L., Nicholson, C., Cheatwood, J., Morrison, S., & **Fazeli, P. L.** (2019, June). *Does olfactory dysfunction predict cognitive dysfunction?: Implications for men aging with HIV*. Paper presentation at the 5th Congress of the European Academy of Neurology, Oslo, Norway.
14. Vance, D. E., & **Fazeli, P. L.** (2017, April). *Neuroplasticity, cognitive interventions, and cognitive training in older adults with HIV: A state of the science*. Podium presentation at the 3rd World Congress of Nursing, Barcelona, Spain.
15. Vance, D. E., & **Fazeli, P. L.** (2017, April). *What does successful aging with HIV mean for mental health? Tips for guiding patients*. Podium presentation at the 3rd World Congress of Nursing, Barcelona, Spain.

16. Marquine M. J., Montoya, J.* , Umlauf, A., **Fazeli, P. L.**, Gouaux, B., Heaton, R. K., Ellis, R., Letendre, S. L., Grant, I., & Moore, D. J. (2016, July). *The Veterans Aging Cohort Study (VACS) Index and neurocognitive change: A longitudinal study*. Oral presentation at the Mid-year Meeting of the International Neuropsychological Society.
17. Grady, K. L., **Fazeli, P. L.**, White-Williams, C., Myers, S. L. Pamboukian, S., Naftel, D. C., & Kirklin, J. K. (2016, April). *Implant Strategy is related to Health-related Quality of Life at 2 years after LVAD Implantation: An INTERMACS Analysis*. Oral presentation at the International Society for Heart and Lung Transplantation 36th Annual Meeting, Washington, D.C.
18. White-Williams, C., **Fazeli, P. L.**, Myers, S. L. Kirklin, J. K., Pamboukian, S., Naftel, D. C., & Grady, K. L. (2016, April). *HRQOL improves from before to 2 years after MCS, regardless of implant strategy: Analyses from INTERMACS*. Oral presentation at the International Society for Heart and Lung Transplantation 36th Annual Meeting, Washington, D.C.
19. Burdo, T. H., **Fazeli, P. L.**, Letendre, S. L., Jeste, D., Grant, I., & Moore, D. J (2015, June). *Associations between monocyte biomarkers and successful cognitive aging in HIV+ older adults*. Oral presentation at the 13th International Symposium on NeuroVirology, San Diego, CA.
20. White-Williams, C., **Fazeli, P.**, Rybarczyk, B., & Grady, K. L. (2015, April). *A closer look at adherence: Sociodemographic differences long-term after heart transplantation*. Oral presentation at the International Society for Heart and Lung Transplantation 35th Annual Meeting, Nice, France.
21. Moore, D. J., **Fazeli, P. L.**, Moore, R. C., Letendre, S. L., Jeste, D. V., Grant, I., & the HNRP Group. (2014, October). *Prevalence and Correlates of Research-Defined Successful Aging Among Older HIV+ Adults*. Oral presentation at the 5th International Workshop on HIV and Aging, Baltimore, MD.
22. Moore, D. J., **Fazeli, P. L.**, Marquine, M. J., Dufour, C., Montoya, J. L., Henry, B., Moore, R. C., Woods, S. P., Letendre, S., Jeste, D. V., Grant, I., & the HNRP Group (2014, June). *Lower levels of moderate physical activity are associated with neurocognitive impairment among older HIV+ adults*. Oral Presentation at the 7th Symposium on Neuropsychiatry and HIV, Barcelona, Spain.
23. White-Williams, C., **Fazeli, P.**, Rybarczyk, B., & Grady, K. L. (2014, April). *A longitudinal examination of quality of life and survival long-term after heart transplantation*. Oral presentation at the International Society for Heart and Lung Transplantation 34th Annual Meeting, San Diego, CA.
24. White-Williams, C., **Fazeli, P.**, Grady, K. L., & Rybarczyk, B. (2013, April). *Use and Helpfulness of Interventions 5 and 10 Years after Heart Transplantation*. Oral presentation at the International Society for Heart and Lung Transplantation 33rd Annual Meeting, Montréal.

National

25. **Fazeli, P.L.**, Lambert, C.C., Hopkins, C.N, & Vance, D.E. (November, 2020). Correlates of psychological resilience in people aging with HIV in the Deep South. Paper presentation at the Association of Nursing in AIDS Care annual conference, virtual.
26. **Fazeli, P.L.**, Woods, S.P., & Vance, D.E. (November, 2019). Successful functional aging in middle-aged and older adults with HIV. Paper presentation at the Association of Nursing in AIDS Care annual conference, Portland, OR.
27. Cody, S. L., **Fazeli, P. L.**, Cheatwood, J., Robinson, J., & Vance, D. E. (November, 2019). The impact of individualized cognitive training on quality of life and medication adherence in adults with HIV-associated neurocognitive disorder. Podium presentation at the Association of Nurses in AIDS Care annual conference, Portland, OR.

28. Ellis, R., Moore, D. J., Taylor, J., **Fazeli, P. L.**, Jeste, D. V., & Grant, I. (2014, October). *Successful neurocognitive aging with HIV: Findings to date, future plans, and community support*. Workshop Presentation at the 18th Annual U.S. Conference on AIDS, San Diego, CA.
29. Moore, R. C., Shelton, A., Shay, C., **Fazeli, P. L.**, Marquine, M. J., Woods, S. P., Moore, D. J., Jeste, D. V., Grant, I., & Eyler, L. T. (2014, October). *A mental health needs assessment of older HIV+ veterans*. Workshop Presentation at the 18th Annual U.S. Conference on AIDS, San Diego, CA.
30. **Fazeli, P. L.**, Vance, D. E., Ball, K. K., & Ross, L. A. (2011, November). *The effect of computer experience, anxiety, and attitudes on computerized cognitive test performance among older adults*. Paper presented at the annual meeting of the Gerontological Society of American, Boston, MA.
31. **Vance, D. E., Fazeli, P. L., Ross, L. A., & Ackerman, M. L. (2010, November). The effect of visual speed of processing training on middle-aged and older adults with HIV. Paper presented at the Gerontological Society of America Annual Conference, New Orleans, LA.**

Regional

32. Vance, D. E., Robinson, J. J., Walker, T., Tende, F., Bradley, B., Diehl, D., McKie, P., & **Fazeli P. L.** (2019, March). *Participant reactions to possible diagnoses of HIV-Associated Neurocognitive Disorder: A qualitative analysis*. Paper presentation at the 2019 Southeastern Psychological Association Annual Meeting, Jacksonville, FL.
33. Vance, D. E., Cody, S. L., Nicholson, C., Cheatwood, J., Morrison, S., & **Fazeli, P. L.** (2019, March). *The association between cognition and olfaction in middle-age and older African American and Caucasian men with HIV: A pilot study*. Paper presentation at the 2019 HIV and Aging: From Mitochondria to the Metropolis Conference, Emory University, Atlanta, GA.
34. Vance, D. E., Robinson, J. J., Walker, T., Tende, F., Bradley, B., Diehl, D., & **Fazeli P. L.**, & McKie, P. (2019, March). *Participant reactions to possible diagnoses of HIV-Associated Neurocognitive Disorder: A qualitative analysis*. Paper presentation at the 2019 HIV and Aging: From Mitochondria to the Metropolis Conference, Emory University, Atlanta, GA.

State/Local

35. Pope, C. N.*, Stavrinos, D., & **Fazeli, P.L.** (2016, March). *Effect of training and brain stimulation on simulated driving performance in older adults with HIV*. Oral presentation for UAB Graduate Student Research Day Competition 2016, Birmingham, AL.
36. Vance, D. E., & **Fazeli, P. L.** (October, 2011). *HIV & Aging: Complications and Successes*. Co-talk presented at the UAB CFA/VA GRECC Scientific Seminar Series, Birmingham, AL.
37. Vance, D. E., & **Fazeli, P. L.** (September, 2011). *Increasing speed of processing and IADLs in aging adults with HIV*. Paper presented on behalf of Dr. Vance to the Annual Magnet Evidence Based Practice and Research Day, UAB Center for Nursing Excellence, Birmingham, AL.
38. **Fazeli, P. L.**, Vance, D. E., Ball, K. K., & Ross, L. A. (April, 2011). *Computerized Cognitive Testing Among Older Adults: Exploring the Relationship of Computer Anxiety, Attitudes, & Experience on Performance*. Paper presented at the UAB CFA/VA GRECC Scientific Seminar Series, Birmingham, AL.

Invited community presentations

1. **Fazeli, P.L.** (November 2021). Exercise as a potential target for promoting successful aging outcomes in HIV. 2021 UAB Center for Exercise Medicine Fall Research Retreat, Birmingham AL.
2. Vance, D. E., & **Fazeli, P. L.** (2018, April). *Cognitive training in older adults with HIV: Lessons from THINKFAST and TOPS studies*. UAB Comprehensive Center for Health Aging Monthly Seminar Series, Birmingham, AL.
3. **Fazeli, P. L.** (2015, May). *Cognitive Aging with HIV: Findings to Date*. UAB 1917 HIV/AIDS Clinic Weekly Cohort Meeting. Birmingham, AL.
4. **Fazeli, P. L.,** & Moore, D. J. (2014, May). *Aging Successfully with HIV: Optimizing Cognitive Health*. Workshop presented at the San Diego LGBT Center Senior Resource Fair, San Diego, CA.
5. Moore, D. J., & **Fazeli, P. L.** (2014, March). *Aging with HIV: Promoting Cognitive Health*. UCSD Division of Geriatrics Seminar, San Diego, CA.
6. Moore, D. J., & **Fazeli, P. L.** (2012, December). *Successful Aging with HIV Infection*. Talk presented to the Participant Advisory Board Meeting of the UCSD HIV Neurobehavioral Research Programs, San Diego, CA.
7. **Fazeli, P. L.** (2012, June). *A Taste of Statistics Workshop*. UAB Center for Nursing Excellence, Birmingham, AL.

MEDIA/PRESS RELEASES:

<u>Date</u>	<u>Type of Media</u>	<u>Topic of Interview</u>
<u>Winter 2020</u>	<u>Online Publication</u>	On the Lookout for Cognitive Problems in Patients Living with HIV (https://www.apaservices.org/practice/good-practice/winter-2020.pdf)
<u>07/31/2020</u>	<u>Online Resource</u>	Allostatic Load Markers in Older PLWHIV (https://www.physiciansweekly.com/allostatic-load-markers-in-older-plwhiv)
<u>07/24/2019</u>	<u>Online Newspaper</u>	NIH Grant Studying Cognitive Aging in African Americans (https://www.uab.edu/nursing/news/home/sustainable-scholarship/item/2342-nih-grant-studying-cognitive-aging-in-african-americans?fbclid=IwAR3EyE1nQibPpq5lQL2MazXvurdDKo3QaKJT9-BEdeGt-geNrvJTX21Y7Sk)
<u>08/15/2019</u>	<u>Online Newspaper</u>	Study Examines How to Reduce Dementia, Alzheimer's Risk in African Americans (https://www.birminghamtimes.com/2019/08/study-examines-how-to-reduce-dementia-alzheimers-risk-in-african-americans/)
<u>08/08/2019</u>	<u>Website</u>	University of Alabama Studies How to Reduce Dementia Risk in African American Population (https://www.trialsitenews.com/university-of-alabama-studies-how-to-reduce-dementia-risk-in-african-american-population/)
<u>08/01/2017</u>	<u>Online Resource and CME</u>	Recommended Treatment Strategies for Clinicians Managing Older Patients with HIV (https://aahivm-education.org/hiv-age/contents)
<u>10/17/2016</u>	<u>Magazine</u>	Wheeler's K99/R00, adds another layer to research into cognition and HIV (https://issuu.com/uabson1950/docs/uab_school_of_nursing_magazine_fall/15)

PROFESSIONAL SOCIETY MEMBERSHIPS:

<u>2018-present</u>	<u>Association of Nurses in AIDS Care</u>	<u>Member</u>
<u>2015-present</u>	<u>Society for Personality and Social Psychology</u>	<u>Member</u>
<u>2012-present</u>	<u>International Neuropsychological Society</u>	<u>Member</u>
<u>2010-present</u>	<u>Gerontological Society of America</u>	<u>Member</u>
<u>2009-present</u>	<u>National Academy of Neuropsychology</u>	<u>Member</u>
<u>2009-present</u>	<u>American Geriatric Society</u>	<u>Member</u>

ACADEMIC SERVICE:

University-wide:

<u>2019-present</u>	UAB Human Research Advisory Committee (HRAC)
<u>2019-present</u>	UAB Research Administration Networking Group (RANG), Co-Chair
<u>2018-present</u>	Comprehensive Center for Healthy Aging Steering Committee Member

School of Nursing:

<u>2018-present</u>	<u>Project Oversight Review Form (PORF) Coordinator in the ORS</u>
<u>2019-2021</u>	Academic Implementation Group (AIG), PhD Program Group Chair
<u>2021-present</u>	Appointment, Promotion, and Tenure Committee

TEACHING RESPONSIBILITIES: *(*note this only includes courses taught since joining the SON, not courses taught in the Psychology Department from 2009-2016)*

<u>Course Number and Name</u>	<u>Academic Term</u>	<u>Role</u>	<u>Course Description</u>
NST778QL/03A Data Management	Fall 2018, Fall 2019, Fall 2020 Fall 2021	Instructor	A hands-on exposure to data management with common statistical software packages, including concepts of types of variables, data entry and cleaning, importing and converting datasets, merging datasets, sorting, sub-setting, and producing reports and descriptive statistics.
NRM798QL Research Immersion	Summer 2018, Summer 2019, Summer 2020	Instructor/ Mentor	The purpose of this course is to provide PhD students the opportunity to participate as a member of an established research team and get hands on experience analyzing data and writing up results.
NUR760 Scientific Dissemination	Summer 2020 Summer 2021	Instructor	The purpose of this course is to provide PhD students with hands-on experience with manuscript preparation, with the end objective of submitting a scholarly product to a journal for publication.
NUR790 Independent Study	Summer 2020	Instructor/ Mentor	The purpose of this course is to provide remediation to a student who failed the qualifying exam in order to prepare the student to retake the exam.

ACADEMIC MENTORSHIPS:

<u>Name of Mentee</u>	<u>Type of Mentorship</u>	<u>Summary of Outcomes</u>
Cheryl Lee	Dissertation Chair	Student began PhD program Fall 2019 and is developing her research topic.

Bryan Combs	Dissertation committee member	Student has successfully defended dissertation and received PhD. This manuscript is in revision with a peer reviewed journal.
Kristin Ashley	Research immersion mentor	Student gained hands on experience working with a dataset which resulted in an accepted abstract for presentation at a conference.
William C. Nicholson	Dissertation committee member	Student has successfully defended dissertation and received PhD. He has also prepared a manuscript to be submitted for publication.
Shameka Cody	Dissertation committee member and mentor on publishing	Student successfully defended dissertation and received PhD in 2017. I have mentored her on several accepted publications, including one of her dissertation papers.
Jacqueline Vo	Mentor on statistical analysis and publishing	During her time as a doctoral student as well as during her current postdoc, I have mentored this student on analyzing and publishing with the SOAR study data (PI: K Meneses)
Caitlin N. Pope	Dissertation committee member, mentor on publishing, and current postdoctoral mentor via the UCSD STAHR Program	I have worked with this student since 2015, initially during her doctoral studies in the Psychology Dept. and now during her postdoc. We have published several papers together and have several in preparation.
Meghana Gaini	Undergraduate Neuroscience Honors Thesis mentor	I mentored this student on her neuroscience thesis project in the Psychology Dept., which is currently under review with the journal.