



MEMORANDUM

To: Julio Frenk
University President

From: Linda L. Neider
Chair, Faculty Senate

Date: October 29, 2020

Subject: Faculty Senate Legislation #2020-15(B) – Creation of the Comprehensive Center for Brain Health at the University of Miami Miller School of Medicine.

The Faculty Senate, at its October 28, 2020 meeting, had no objections to the proposal to create the Comprehensive Center for Brain Health at the University of Miami Miller School of Medicine for five years and any extensions thereafter¹. The creation of this center will integrate well with the Department of Neurology’s and Miller’s overarching focus on patient-centered care.

This legislation is now forwarded to you for your action.

LLN/rh/vpa

cc: Jeffrey Duerk, Executive Vice President and Provost
Henri Ford, Dean, Miller School of Medicine
James Galvin, Professor, Department of Neurology

¹ C18.2.1 If the Faculty Senate approves a UNIVERSITY CENTER OR INSTITUTE established under Bylaw 6.5, it may do so for an initial term of up to five years. Continued approval by the Faculty Senate for a defined term of up to ten years requires a review of the unit upon receiving such a recommendation, forwarded by the Executive Vice-President and Provost after consultation with the cooperating departments and schools.

C18.2.2 Other NAMED or TITLED ACADEMIC UNITS established under Bylaw 6.6 may be approved by the Faculty Senate and the President. For each such approved unit, the Executive Vice-President and Provost shall consult with the dean of the host school at five year intervals to determine whether the unit remains active and shall report to the Faculty Senate the names of those that should be disestablished.

C18.2.3 Periodic five year reviews may be conducted on all programs, centers, institutes and similar academic units as deemed appropriate by the Faculty Senate or the Executive Vice-President and Provost.

CAPSULE: Faculty Senate Legislation #2020-15(B) – Creation of the Comprehensive Center for Brain Health at the University of Miami Miller School of Medicine.

PRESIDENT’S RESPONSE

APPROVED:  DATE: 11/18/20
(President’s Signature)

OFFICE OR INDIVIDUAL TO IMPLEMENT: Henri Ford, Dean, Miller School of Medicine

EFFECTIVE DATE OF LEGISLATION: IMMEDIATELY
(pending any additional approval by the Board of Trustees)

NOT APPROVED AND REFERRED TO: _____

REMARKS (IF NOT APPROVED): _____



Non-Curricular Proposal Submission Form

Please refer to the [Procedures for Program Changes](#) document for information on the approvals and notifications needed for program changes and the [Proposal Submissions Specifications](#) document for an explanation of the process and a list of the materials required.

(Please note that change approvals can take 2 semesters to complete.)

FORM INSTRUCTIONS:

1. Save/download the form as a pdf.
2. After completing the information below, print and scan the form.
3. Insert it with the background materials that are specified, in the order listed, and submit to facsen@miami.edu.

Please note: only scanned versions can be accepted.

Include this checklist at the beginning of each proposal.

KEY CONTACT PERSONNEL INFORMATION

First Name

Last Name

Proponent's Title

Department, if applicable

School/College

E-mail

Phone

Title of Proposal

MANDATORY MEMORANDA AND FORMAT

Please check that each item listed below is included in the proposal package of materials, in the ORDER as listed. The applicable title (i.e. Letter of Explanation, Memo from the Dean, etc.) is to precede each section in the materials.

Only proposals conforming to this format will be accepted.

1. This completed checklist.

2. Letter of explanation. (2-3 pages only, double spaced, 12 pt font)

Yes No

If no, explain why:

3. A memo from the dean(s) signifying approval of the faculty of the relevant School(s) / Colleges(s).

Yes No

If no, explain why:

4. A memo that all affected or relevant School / College Council(s) have approved.

Yes No

If no, explain why:

5. A memo from the department chair(s) signifying approval of the faculty of the relevant department(s).

Yes No

If no, explain why:

6. A memo from the Office of Accreditation and Assessment (OAA) if the proposal involves academic programs (degrees, certificates, majors, minors, concentrations, specializations, tracks, etc.) such as new programs, closing programs, or program changes (such as changes in requirements, program length, modality, name, location).

Applicable Not applicable.

If not, explain why:

7. A memo from the Graduate School Dean signifying approval of the Graduate Council (for graduate programs only) OR the University Curriculum Committee (for undergraduate programs only) recommendation form.

Applicable Not applicable.

If not, explain why:

8. Academic Deans Policy Council (ADPC) approval, for interdisciplinary issues and as appropriate. Please consult with the Dean of the Graduate School or the Secretary of the Faculty Senate to check if this is needed.

Yes

No

If no, explain why:

9. Additional required documents as listed on the "Proposal Submissions Specifications," i.e. market analysis, budget information, assessment of library collections, etc. as specified.

List additional documents included:

End form.

Date: July 1, 2020

From: James E. Galvin, MD, MPH
Professor of Neurology
Cognitive Neurology Chief for Palm Beach and Broward County
University of Miami Miller School of Medicine

Re: Proposal for the Establishment of the Comprehensive Center for Brain Health at the University of Miami Miller School of Medicine

This request is to establish the Comprehensive Center for Brain Health (CCBH) at the University of Miami Miller School of Medicine as a research unit in the Department of Neurology. The Vision of CCBH is to provide comprehensive clinical care, conduct cutting edge research, and offer outstanding educational, training, and outreach programs on healthy brain aging and neurodegenerative disease. Further, our goals are to collaborate with, expand upon existing, and develop new innovative clinical and research programs with the researchers, clinicians, and educators in the Department of Neurology and other Departments, Centers, and Institutes throughout the University of Miami. Through comprehensive clinical care, research, outreach, education, and training, we seek to prevent or delay the onset of Alzheimer's Disease and Related Disorders, curbing the suffering of hundreds of thousands of Americans in South Florida and beyond. The creation of the Comprehensive Center for Brain Health at the University of Miami Miller School of Medicine will accurately reflect the location, affiliation, and scope of our innovative clinical and research work in the areas of healthy brain aging and neurodegenerative disease, transfer an existing "brand", integrate with the many existing clinical and research programs already in existence, help to develop new clinical and research programs, create new philanthropic opportunities, and support the ongoing academic mission of the University of Miami Miller School of Medicine.

1. Mission

The Comprehensive Center for Brain Health (CCBH) will integrate its innovative clinical, research and educational work focusing on brain health and neurodegenerative disease with all components of the Department of Neurology. A comprehensive, customized focus on prevention and health, rather than disease, is at the heart of our work at CCBH. Our mission is to better understand how the aging brain works and design treatments and prevention plans that will result in longer, better lives. Our transdisciplinary approach to clinical research, clinical care, education and training and community outreach can make a significant positive impact on the lives of individuals and families living in South Florida and beyond. The establishment of CCBH as a Center will foster our substantial fundraising and philanthropy efforts drawing upon private and family foundations, research participants, and grateful patients.

Mission Area 1: Research

Build upon and expand existing efforts to develop innovative lines of clinical-translational research into the cause, detection, prevention, and cure of Alzheimer's Disease and Related Disorders (ADRD) and harmonize CCBH efforts with investigators throughout the University of Miami.

Mission Area 2: Clinical Care

Create an innovative trans-disciplinary collaborative care team comprised of neurologists, nurse practitioners, licensed clinical social workers, gerontologists, integrative nutritionist and physical therapists to evaluate, diagnose and treat ADRD conditions and harmonize CCBH efforts with clinicians throughout the University of Miami.

Mission Area 3. Education and Training

Develop unique training opportunities for students, residents, fellows, staff, and faculty to gain training, knowledge, and expertise in brain health and neurodegenerative diseases and provide structured mentoring opportunities for early-stage investigators on their path to research independence.

Mission Area 4: Community Outreach and Engagement

Work with community-service partners, organizations, and associations to develop educational opportunities to increase knowledge, health literacy, and research readiness. Engagement activities will be coordinated with UM Development for fundraising and philanthropy purposes.

2. Background and History

Alzheimer's disease and related dementias (ADRD) affect more than eight million Americans with substantial costs to patients, families, and society. As the number of aging Americans increases, so will their struggles with cognition, memory — and quality of life. ADRD conditions are particularly relevant in Florida, where there are more than 500,000 diagnosed individuals; this formidable number also reveals an unprecedented opportunity for to provide novel research and clinical approaches to address ADRD.

The University of Miami Miller School of Medicine has a long history of ADRD research and clinical care. The Departments of Neurology and Psychiatry, and the Center for Cognitive Neuroscience and Aging, Evelyn F. McKnight Brain Institute, John P. Hussman Institute for Human Genomics, Brain Endowment Bank, and the Miami Clinical and Translational Science Institute have all contributed significant person-time, intellectual capital, and resources towards investigating the molecular, genetic, and pathobiology of ADRD. Dr Galvin is developing clinical and research collaborations with members of the Department of Neurology (e.g., Dr Barry Baumel, Dr Christian Camargo, Dr Bonnie Levin), Department of Psychiatry (Dr David Loewenstein, Dr Rosie Curiel), McKnight Brain Institute and Clinical Translational Research Institute (Dr Ralph Sacco, Dr Tanjana Rundek), Hussman Institute (Dr. Peggy Vance, Dr. Jeff Vance, Dr Karen Nuytemans), and Brain Endowment Bank (Dr Bill Scott, Dr Xiaoyan Sun) among others. He is also establishing new research collaborations with faculty in other departments such as Radiology (Dr Noam Alperin), Nuclear Medicine (Dr Mike Georgiou), and General Internal Medicine (Dr Olveen Carrasquillo)

In 2015, CCBH was originally created by Dr James Galvin at Florida Atlantic University, bringing together his strong clinical, research, outreach, education, and training programs on Healthy Brain Aging and Alzheimer's Disease, Lewy Body Dementia, and related neurodegenerative disorders. The entire CCBH lab, clinic, faculty, and staff were recruited to the University of Miami Miller School of Medicine in January 2020. Our research, clinical, educational, and outreach work as well as the Comprehensive Center for Brain Health as an entity are already a well-known "brand" to our grant funders, donors, scientific collaborators, disease associations and foundations, patients, research participants, and community partners.

Dr Galvin and the entire CCBH faculty and staff are excited about the opportunities to collaborate with the talented clinicians, researchers, and educators at the University of Miami Miller School of Medicine.

3. The Comprehensive Center for Brain Health Research Programs

The Comprehensive Center for Brain Health is housed in the Department of Neurology with a direct reporting line to Dr Ralph Sacco, Chair of Neurology and Dr Barry Baumel, interim Chief of the Division of Cognitive Neurology. CCBH is composed of 3 faculty and 13 staff members in the Department of Neurology. CCBH is supported by multiple grants from NIH and Foundations

Our currently funded projects include

- R01 NS101483-01A1: Galvin (PI) *Reducing Disparities in Dementia and VCID Outcomes in a Multicultural Rural Population*
The major goals of this project are to study disparities in health outcomes related to vascular contributions to cognitive impairment and dementia (VCID) in a multicultural rural community, determine rates of impairment, and provide community-based interventions to improve care and reduce costs
Role: PI
- R01 AG057681-01A1: Butler, Galvin, Atwood (MPI) *The LUCINDA Trial: Lupron + Cholinesterase Inhibition to Reduce Neurologic Decline in Alzheimer's Disease*
The major goal is to conduct a randomized double-blind, placebo-controlled trial of Lupron and donepezil in women with mild to moderate Alzheimer's disease to improve cognition and activities of daily living. **NOTE:** This R01 is a 3-site trial with UM being the only site in the Southeast US
Role: Multi-PI
- P30 AG059295: Buchwald, Manson, Galvin (MPI) *Native Alzheimer's Disease Resource Center for Minority Aging Research (NAD-RCMAR)*
Role: Multi-PI
The major goals of this Center is to describe, understand, intervene on, and mitigate the Alzheimer's disease health disparities experienced by American Indians, Alaska Natives, Native Hawaiians, and Pacific Islanders by funding social and behavioral Pilot Studies that advance the field, emphasizing the

recruitment and mentorship of Native junior and mid-level researchers. **NOTE:** P30 AG059295 is an NIA-funded Alzheimer-focused Research Center for Minority Aging Research, one of 8 such Centers in the Country and the only RCMAR affiliated with Florida

- U54AG063546: Mor & Mitchell (MPI) *NIA AD/ADRD Health Care Systems Research Collaboratory*
The NIA AD/ADRD Collaboratory will provide the national infrastructure necessary to catalyze and support embedded pragmatic clinical trials of non-pharmacological interventions for persons with dementia. By convening national experts to provide consultation and guidance to Collaboratory-funded pilot projects and NIA-funded trials, the Collaboratory has the potential to transform care delivery, quality, and outcomes for millions of Americans suffering with AD/ADRD.
Role: Pilot Core Steering Committee (subcontract)
- U01 NS100610: Leverenz (PI) *Dementia with Lewy Bodies Consortium*
The major goals of this project are to develop a national network to study Dementia with Lewy bodies including longitudinal clinical and cognitive characterization, imaging and CSF biomarkers, and autopsy. **NOTE:** This U01 is part of a 9-site consortium, this is the only site in Florida
Role: Site PI and Executive committee (subcontract)
- R01 AG056610-01: Brody (PI) *A Multi-Site Cluster RCT of the Dementia Symptom Management at Home Program*
The major goal of this project is to conduct a randomized trial of the Dementia Symptom Management at Home Program for efficacy in improving quality of care for persons living with dementia and their informal caregivers receiving home healthcare. **NOTE:** This R01 is a 3-site trial with UM being the only site in the Southeast US
Role: Site PI (subcontract)
- R01 AG054425-01A1: Boltz (PI) *Family-centered Function Focused Care (Fam-FFC) Intervention to Improve Health Outcomes*
The major goals of this project are to test and validate a family-centered function focused care (Fam-FFC) plan to improve physical function, cognitive function, and medicoeconomic outcomes in hospitalized patients with dementia.
Role: Co-Investigator (subcontract)
- R01 AG056531-01A1: Osorio (PI) *Slow Wave Sleep and the Effect of African Ancestry on Amyloid Burden: A Longitudinal Study*
The major goal of this project is to study the effect of disruption of sleep wave sleep duration and efficacy on the accumulation of amyloid protein in the brains of African American older adults.
Role: Co-Investigator (subcontract)
- Albert Charitable Trust: Galvin (PI) *The Dementia Prevention Initiative*
The major goal of this project is to develop a dementia prevention initiative using a precision medicine approach with personalized tailored interventions in deeply phenotyped individuals
Role: PI
- Florida Department of Health: Ghoraani (PI) *Technology-based Systems to Measure Dual-Task (Motor-Cognitive) Performance as a Biomarker for Early Detection of Alzheimer's Disease*
The major goal of this project is to develop an accurate data analysis approaches to translated body movement and speech data using sensor-based assessment systems into biomarkers that can identify individual at risk for MCI.
Role: Co-Investigator (Subcontract)

These grants were transferred to UM with **total costs of \$8,588,455**. We have IRB approval for all proposals.

Since January, seven (7) new NIH grants were submitted with **total costs over \$73 Million**.

- R01 AG071514-01 Galvin (PI)
Multicultural Community Dementia Screening
The major goals of this project are to conduct a population-based dementia screening, validate findings in a longitudinal study of AD/ADRD biomarkers, and establish the potential benefits and harms of dementia screening in a multicultural sample. This grant is a competing renewal. Role: PI

- R01 AG0071643-01 Caggiano, Galvin (MPI)
A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Phase 2 Study to Evaluate the Safety and Efficacy of CT1812 in Subjects with Dementia with Lewy Bodies
The major goal of this project is to conduct a Phase 2 clinical trial of CT1812, a novel disease-modifying compound, in patients with mild to moderate dementia with Lewy bodies (DLB). Role: MPI
- R01 AG069765-01 Boustani, Ben-Miled, Galvin (MPI)
Digital Detection of Dementia (D³)
The major goals of D³ includes two complementary studies at diverse urban, suburban, and rural primary care practices within Central Indiana and South Florida that will evaluate the predictive performance, the utility and effectiveness of the Passive Digital Marker, the Quick Dementia Rating Scale (QDRS), and the combined approach (Passive + QDRS) in the early detection of Alzheimer's disease and related dementia (ADRD). Role: MPI
- R24 AG071443-01 Galvin (PI)
Multimodal Approaches to Increase Research Participation in Alzheimer Disease Clinical Studies
The major goal of this project is to develop social messaging to increase AD clinical trial recruitment in underrepresented groups and deliver novel interventions through the public library system and traveling educational program ("The Healthy Brain Caravan"). Role: PI
- R35 AG071603-01 Galvin (PI)
Leadership Award in Alzheimer Disease Research
The major goals of this project are to harmonize data across ADRD related research projects to address precision medicine approaches in underserved populations, create a shared biorepository, and promote early stage investigators in ADRD with pilot grants and structured mentoring activities. Role: PI
- P01 AG066584-01 Buchwald, Galvin, Kauwe (MPI)
Natives Engaged in Alzheimer's Research (NEAR)
The major goals of this project are to engage, enroll and study American Indians, Alaskan Natives, and Native Hawaiians and Pacific Islanders in novel Alzheimer detection and treatment interventions and encourage biomarker and autopsy program participation. Role: MPI and Scientific Director
- R01 HD103713 Ghoraani (PI)
A Home-Based Response to Medication Monitoring System for Personalized Therapy Adjustments in Parkinson's Disease
The major goal of this study is to use data gather from wearable remote sensors to develop an algorithm to improve medical management of individuals with Parkinson's disease. Role: Site PI

CCBH has also been designated by the Lewy Body Dementia Association as a *Research Center of Excellence*. The major goal of this project is to provide a Center of Excellence in clinical care, research, outreach, and education for Lewy Body Dementia and coordinate with a research network of 25 funded centers. This is the only such center in South Florida. Dr Galvin is the Director and Principal Investigator and serves on the Management Council for the program.

Dr Galvin has been fortunate to engage a number of donors raising \$4.9 Million while based at Florida Atlantic University. At least one donor, the Leo and Anne Albert Charitable Trust has agreed to transfer the fund balance to the University of Miami and initiate a new gift agreement. We submitted two new proposals to donors totaling \$2.2 Million since our start at UM. We are working with the Department of Neurology Development Officer to re-connect with our previous donors and identify new potential donors.

4. The Comprehensive Center for Brain Health Clinical Programs

In addition to our cutting-edge research programs, the clinicians at the Comprehensive Center for Brain Health provide innovative and compassionate clinical care for patients with ADRD and their families using an pioneering transdisciplinary collaborative care model. Dr Galvin has published on this model of care and has been asked to consult with other health systems wishing to copy it. The existing clinical team is composed of a cognitive neurologist, 2 nurse practitioners, 2 licensed clinical social workers, a doctor of physical therapy, and 2 psychometrists. Our clinical operation is supported by clinical revenue and gifts from grateful patients.

Our Clinical Programs include:

- Diagnostic and Treatment Clinic

- Individuals with memory disorders
- Individuals with memory complaints
- Individuals worried about memory problems
- Comprehensive medical evaluation with longitudinal follow-up
- Executive Brain Health Program
 - Individuals looking to stay sharp and reduce risk of brain disease who are motivated for preventive and precision medicine services
 - Comprehensive, full day evaluation with personalized prevention plan
- Mindfulness-Based Psychotherapy
 - Individual, couples, family, and group sessions
 - Specialized support groups (e.g., Lewy Body Dementia, Early Onset)
- Integrative Nutrition Program
 - Individualized health coaching and nutritional guidance

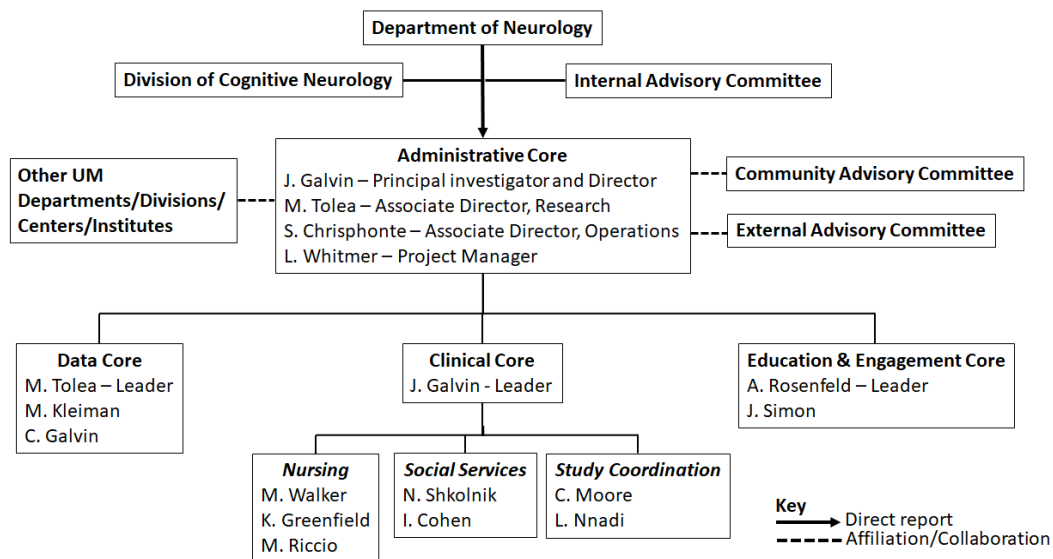
Once established, CCBH will work closely with the Department of Neurology and other UM Departments, Divisions, Centers, and Institutes to harmonize clinical efforts towards program building and improving patient care and clinical outcomes. This includes integrating our clinical activities with the Divisions of Cognitive Neurology and Neuropsychology in the Department of Neurology, the Florida Department of Health Memory Disorder Clinic in the Department of Psychiatry, the Departments of Radiology, Nuclear Medicine, Laboratory Medicine, Cardiology, Family Medicine, and Internal Medicine for referrals, clinical collaborations, and cross-fertilization of academic scholarly efforts. We propose to collaborate with the Division of Neuropsychology to incorporate a neuropsychologist and create a neuropsychology service. This will not only include testing for patients evaluated by CCBH clinicians, but also local referrals from primary care, neurology and psychiatry practices in Palm Beach and Broward County seeking neuropsychological services for their patients. We also plan to establish a new Cognitive Rehabilitation program in conjunction with the Division of Neuropsychology. As the clinical operation grows, we anticipate expansion of clinical services with the incorporation of other cognitive neurologists seeing patients at the Center with direction from Dr Sacco. CCBH will also participate in training for medical students, residents, fellows, neuropsychology interns, and other trainees.

5. Governance

The Center will be led by a Director. The Center director reports to Ralph Sacco, MD, Chair of Neurology and Senior Associate Dean for Clinical Translational Research at the University of Miami Miller School of Medicine. Center Director and Dr Barry Baumel, interim Chief of the Division of Cognitive Neurology.

The Director of the Comprehensive Center for Brain Health at the University of Miami Miller School of Medicine will be responsible for strategic direction, financial support and fundraising, general oversight, and ongoing development and operations of the Center. James E. Galvin, MD, MPH, Professor of Neurology and Chief of Cognitive Neurology for Palm Beach and Broward County is the founding Center Director. He is in the Division of Cognitive Neurology. The Center Director is assisted by two Associate Directors and a Program Manager. The Center is composed of 4 Cores: Administrative, Data Management, Clinical, and Education & Engagement

CCBH Organizational Chart and Reporting Structure



- **Administrative Core:** Provides research, thematic, regulatory, operational, and financial oversight
- **Clinical Core:** Provided clinical, cognitive, functional, and behavioral evaluations for patients and research participants; study coordination for federal grants and industry sponsored trials
- **Data Management Core:** Provides data management and security; tracking of biospecimens, study design and statistical support; machine learning and big data analyses
- **Education & Engagement Core:** Provides curriculum development for trainees; lay educational seminars and conferences; community engagement and recruitment activities

As the Center grows, additional Cores will be developed

In addition to Cores, CCBH will seek input and guidance from 3 Committees:

1. **Internal Advisory Committee:** This committee will be led by Dr Sacco and composed of senior Medical School leadership
2. **External Advisory Committee:** This committee will be composed of faculty from respected expert programs in Brain Health and Neurodegenerative Disease research and clinical care from around the country
3. **Community Advisory Committee:** This committee is composed of patients, caregivers, research participants, and members of the community

6. Space

Dedicated clinical and research space (6710 square feet) has been secured by the Department of Neurology in Pembroke Pines, located at 9050 Pine Boulevard to support of the establishment of the Comprehensive Center for Brain Health at the University of Miami Miller School of Medicine. The space will predominantly provide research space to conduct NIH- and industry-funded clinical translational research. The space will also include clinical areas to see patients 5 days a week and generate clinical revenue.

7. Budget and Finances

The Comprehensive Center for Brain Health at the University of Miami Miller School of Medicine will be supported by a combination of grants, clinical income, philanthropy, and donations. Additional dollars will be actively sought from a variety of donors, legacy gifts, educational, and research activities. In addition, clinical services provided by the Center will generate revenue to assist in sustaining the Center. Center designation is critically important to develop and foster fundraising and philanthropic efforts in conjunction with UM Development Officers. Dr Galvin will work with Dr Sacco and the Department of Neurology to ensure the financial viability and sustainability of CCBH.

8. Attachments/Appendices

1. Appendix 1. Leadership – James E. Galvin, MD, MPH Professional Biography

2. Appendix 2. Key Collaborations

3. Letters of Support

- a. Ralph L. Sacco, MD, MS, FAHA, FAAN
Professor and Olemberg Chair of Neurology
- b. Henri R. Ford, MD, MHA
Dean and Chief Academic Officer

Appendix 1. Leadership

Profession Biography – James E. Galvin, MD, MPH

James E. Galvin, MD, MPH is a Board-certified Neurologist and Professor of Neurology at the University of Miami Miller School of Medicine. He is Chief of Cognitive Neurology for Palm Beach and Broward County in the Department of Neurology. He completed his Bachelor's degree in Chemistry at New York University, his Master's degree in Nutrition at Rutgers University, his Medical degree at New Jersey Medical School/Rutgers University, and his Master's in Public Health at Saint Louis University. He completed his Neurology residency at Hahnemann University in Philadelphia and a post-doctoral fellowship in Experiment Neuropathology in the prestigious Center for Neurodegenerative Research at the University of Pennsylvania. Prior to his recruitment to the University of Miami Miller School of Medicine, he served as Instructor and Assistant Professor at Hahnemann University, Assistant and Associate Professor at Washington University, Professor at New York University, and Professor and Associate Dean for Clinical Research at Florida Atlantic University.

Dr Galvin's prior leadership positions included Director of Neurology Resident Continuity Clinics at Hahnemann University (1996-2000), Director of the Memory Diagnostic Center at Washington University (2006-2010), Director of the Education Core and Rural Satellite, Knight Alzheimer Disease Research Center at Washington University (2007-2010), Director of Clinical Operations, Center of Excellence on Brain Aging at New York University (2010-2015), Director of the Pearl I. Barlow Center for Memory Evaluation and Treatment at New York University (2010-2015), Associate Director, Clinical Core Leader and Outreach and Education Core Leader for the Alzheimer Disease Research Center at New York University (2010-2015), Executive and Founding Director of the Institute for Healthy Aging and Lifespan Studies at Florida Atlantic University (2015-2018), Medical Director and Founder of the Clinical Translational Research Unit at Florida Atlantic University (2015-2019), and Associate Dean for Clinical Research at Florida Atlantic University (2015-2019).

Dr Galvin has an international reputation as an expert in Alzheimer's Disease, Lewy Body Dementia, and Cognitive Aging. He served on the Strategic Planning Panel for the Alzheimer Centers Program for the National Institute on Aging (2016-2019) and Chaired the workgroup to create a Module for Lewy Body Dementia for the NIA Alzheimer Center Program (2015-present). He serves as a member of the International Consortium for the Diagnostic criteria for Lewy Body Dementia. He served on external advisory committees for 13 NIA funded center programs and currently chairs 6 Data Safety Monitoring Boards for NIH-funded clinical trials. He has served on the Board of Directors for the Lewy Body Dementia Association since 2007 and sits on the Executive Management Committee for the LBDA Research Centers of Excellence Program.

His current research portfolio includes 9 NIH grants and subcontracts (4 as PI/MPI) and three foundation grants. Dr Galvin research themes focus around:

- Characterizing the clinical, cognitive, behavioral, and biomarker features of neurodegenerative disorders
- Developing and validating new clinical assessment scales to improve detection of cognitive impairment in multicultural community samples to improve health outcomes
- Studying the interaction between race, ethnicity, socioeconomic status, and multiple chronic conditions on the risk of cognitive impairment
- Creating novel precision-medicine based interventions based on individual phenotypic, biomarker, and genomic profiles aimed at ADRD risk reduction and dementia prevention.

Over the past 20 years, Dr Galvin has been an invited speaker at over 350 local, national, and international conferences. He has authored 257 peer-reviewed publications (h-index 57), 25 book chapters, and three textbooks on cognitive aging, Alzheimer's disease, Lewy Body dementia, and related disorders. He has created 13 instruments with copyright protection. Several are highly marketed with licensing agreements with industry, biotech, and agencies, generating over \$2M in revenue for his prior institutions. Since his arrival at UM, he has started the copyright process for a new instrument, the Dementia Literacy Assessment (DELA) scale.

Over the course of his research career, Dr Galvin has pioneered dementia screening measures that offer quick, valid, reliable, and culturally sensitive assessments of older adults regardless of race, language, or

educational attainment in collaborative projects across North and South America, Europe and Asia. He developed regression models characterizing the transition from healthy aging to dementia with inflection points in cognitive performance that occur 1-3 years before the clinical detection of cognitive impairment. These activities guided the selection of brief cognitive measurements sensitive to early decline for use in screening programs in several NIH grants and constitute 2 of the 4 screening tools recommended by NIH. Dr Galvin characterized the older adults' intention to consent to dementia screening using population-based survey methods and helped develop MRI biomarkers of dementia. To assist family caregivers, he led efforts to characterize the diagnostic experience of family caregivers getting a diagnosis for their loved ones, analyzed the societal and economic costs of disease, and studied caregiver burden, grief, and well-being to develop novel interventions.

Dr Galvin served as a mentor for 14 early stage investigators to provide the necessary mentorship for them to be successful. He has been highly successful in ensuring my mentees are able to compete for research funding, publish their research in high profile journals, and advance to independence. Two are now Full Professors, seven have been promoted to Associate Professor, all with NIH research funding. The other five are progressing nicely in their career ladders as Assistant Professors with two just receiving their first K01 awards.

Dr Galvin's clinical expertise has been recognized locally and nationally with awards from the Rotary Club Honor Thy Doctor Award (2019), Heroes in Medicine for Healthcare Innovation from the Palm Beach County Medical Society (2018), Castle Connolly Top Doctors, New York City Area (2014, 2015), and Alene and Meyer Kopolow Award for Excellence in Geriatrics, Neurology and Psychiatry from Washington University (2002). In his clinical practice, Dr Galvin created an innovative transdisciplinary collaborative care model to provide personalized care using precision-medicine principles to patients and support mechanisms for family caregivers. He has published on the model and is frequently consulted by other Universities for assistance on development and implementation of collaborative care models of care.

Dr Galvin is delighted to join the faculty of the University of Miami Miller School of Medicine and the Department of Neurology. He resides in Boca Raton, Florida with his wife, three children, and four grandchildren.

Appendix 2. Key Collaborations

The Comprehensive Center for Brain Health at the University of Miami Miller School of Medicine has already established collaborative efforts with departments, centers, and institutes within the University of Miami and will continue with long established collaborations with Universities, Institutions, and local, national, and international organizations and associations.

Current Internal Collaborations include:

- Center for Cognitive Neuroscience and Aging – David Loewenstein
- Miami Brain Endowment Bank – William Scott, Xiaoyan Sun
- John P. Hussman Institute for Human Genomics – Peggy Vance
- Miami Clinical and Translational Research Institute – Ralph Sacco, Tatjana Rundek
- Evelyn F. McKnight Brain Institute – Ralph Sacco, Tatjana Rundek
- Department of Neurology
 - Division of Cognitive Neurology – Barry Baumel, Christian Camargo, Xiaoyan Sun
 - Division of Neuropsychology – Bonnie Levin
- Department of Psychiatry – David Loewenstein, Rosie Curiel
- Department of Internal Medicine
 - Division of General Internal Medicine – Olveen Carrasquillo
- Department of Radiology – Noam Alperin, Mike Georgiou

Current External Collaborations include:

- National Centralized Repository for Alzheimer Disease and Related Disorders
- Cleveland Clinic – Cleveland
- New York University
- Weil-Cornell Medical Center
- Brown University
- Washington University in St Louis
- Washington State University
- University of Colorado
- Indiana University
- Penn State University
- Mt Sinai Icahn School of Medicine
- Newcastle University (Newcastle, UK)
- Simon Fraser University (Vancouver, CA)
- Florida Atlantic University
- University of Wisconsin
- University of Florida
- MagQu Ltd Inc
- Cognition Therapeutics
- Life Molecular Imaging
- Alzheimer Association
- South Palm Beach County YMCA
- Lewy Body Dementia Association
- Lewy Body Resource Center of New York

RALPH L. SACCO, MD, MS, FAHA, FAAN, FANA
Chairman, Department of Neurology
Olemborg Family Chair in Neurological Disorders
Miller Professor of Neurology, Public Health Sciences,
Human Genetics & Neurology
University of Miami Leonard M. Miller School of Medicine

Executive Director, Evelyn F. McKnight Brain Institute
Senior Associate Dean for Clinical & Translational Science
Director, Clinical & Translational Science Institute
Chief of Neurology Service, Jackson Memorial Hospital
Past-President, American Academy of Neurology 2019-21

August 4, 2020

Linda L. Neider, Ph.D
Chair, Faculty Senate
1252 Memorial Drive
325 Ashe Administration Building
Coral Gables, FL 33146

Dear Dr. Neider,

It is with true commitment that I provide this letter in support of the Comprehensive Center for Brain Health at the University of Miami Leonard M. Miller School of Medicine.

The proposed Center is well aligned with existing initiatives and programs at the Miller School and within the Department of Neurology. We currently offer a number of programs related to brain health and cognitive neurology at both the Medical Campus and the Coral Gables campuses but to date have not had a unifying program in Palm Beach and Broward County. Dr James Galvin was recruited by me to bring his extensive portfolio of research and clinical programs in brain health and neurodegenerative disease to the Miller School and serve as the Chief of Cognitive Neurology for Palm Beach and Broward County. The creation of the Comprehensive Center for Brain Health will allow us to grow Dr Galvin's resources under one umbrella to maximize outcomes and efficiencies, as we focus on integrating clinical-translational research with a superior patient experience and serve as nidus for fundraising and philanthropy.

Once established, the Comprehensive Center for Brain Health will enable us to expand our clinical, research, outreach, training, and development reach throughout Palm Beach and Broward County and integrate with other Departmental clinicians, researchers, and educators. Further, the Center will continue its already established presence as a brand and leader in providing an innovative and comprehensive resource, and a national and international model for education, clinical care, and research for healthcare providers, trainees, medical students, patients, and their family caregivers.

I believe the work of the Comprehensive Center for Brain Health at the University of Miami Miller School of Medicine will integrate well with the Department of Neurology's and Miller School's overarching focus on comprehensive patient-centered care and cutting edge clinical-translational research. The Center was extensively discussed at our Neurology Department Executive Committee and consensus was reached to support this application.

Funding for the Center is through a combination of grants, clinical income, fundraising and philanthropy. I have the utmost confidence in Dr Galvin's ability to carry out the goals of the Center.



Ralph L. Sacco, MD, MS
Professor & Chairman

August 4, 2020

Linda L. Neider Ph.D.
Chair, Faculty Senate
1252 Memorial Drive
325 Ashe Administration Building
Coral Gables, FL 33146

Dear Dr. Neider,

As Dean and Chief Academic Officer for the University of Miami Miller School of Medicine (UM), it is my pleasure to write a letter of support for the establishment of the Comprehensive Center for Brain Health at the University of Miami Leonard M. Miller School of Medicine to be directed by James E. Galvin, MD, MPH, Professor of Neurology. Dr. Galvin joined the UM faculty on January 1, 2020 after a successful recruitment effort. He serves as Professor of Neurology, Neurology Cognitive Sciences Chief for Palm Beach and Broward County, and Director and Principal Investigator of the Lewy Body Dementia Association Research Center of Excellence. An internationally recognized expert in cognitive aging and Alzheimer's disease and related disorders (ADRD), Dr. Galvin's recruitment markedly increases the UM research portfolio in ADRD. He is Principal Investigator for R01 AG040211, and R01 NS101483, and MPI for R01 AG057681 and P30 AG059295 providing deep phenotyping and molecular and genetic characterization of ADRD in diverse populations of older adults. In addition, he is site-PI with subcontracts on another five NIH grants. Collectively, Dr. Galvin's grants bring over \$8M in total dollars to our institution.

The proposed Comprehensive Center for Brain Health will be administratively placed within the Department of Neurology, under the leadership of Dr Ralph Sacco, Olemberg Chair of Neurology. The new Center will integrate, harmonize and expand the Departments extensive portfolio of clinical and research programs in the area of brain health, cognitive aging, and neurodegenerative disease.

The University of Miami Miller School of Medicine has a long history of conducting high quality, high impact NIH-funded ADRD research with many of our outstanding clinical-translational researchers conducting cross-sectional and longitudinal studies of ADRD in underrepresented minority groups. With the Departments of Neurology and Psychiatry leading the way, UM Departments, Centers and Institutes such as the Center for Cognitive Neuroscience and Aging, Evelyn F. McKnight Brain Institute, John P. Hussman Institute for Human Genomics, and Miami Clinical and Translational Science Institute have invested significant manpower, capital, and resources studying the clinical, cognitive, molecular, genetic, and pathobiology aspects of brain health, cognitive aging, and ADRD. As neuroscience is one of the strategic scientific pillars of the UM Miller School of Medicine strategic plan, our institution is committed to support state-of-art ADRD research programs characterizing older adults from diverse communities, developing and testing novel ADRD therapies and interventions, developing innovative precision-medicine based approaches to ADRD, and training the next generation of investigators and research workforce capable to address the challenges of ADRD research. This new Center under Dr Galvin's direction will further grow UM research and clinical capacity and help extend the reach of these programs in Palm Beach and Broward County.

I believe the work of the Comprehensive Center for Brain Health at the University of Miami Miller School of Medicine will integrate well with the Department of Neurology's and Miller School's overarching focus on comprehensive patient-centered care and cutting edge clinical-translational research, as well as expanding our philanthropic efforts in Palm Beach and Broward County. I have the utmost confidence in Dr Galvin and fully support the establishment of the Center.

Sincerely



Henri R. Ford, M.D., M.H.A.

September 22, 2020

Linda Neider, Ph.D., M.A., M.B.A.
Chair, Faculty Senate
University of Miami
Ashe Building, Suite 325
252 Memorial Drive
Coral Gables, FL 33146

Re: Council Approved a Proposal for Comprehensive Center for Brain Health

Dear Dr. Neider,

This is to inform the Faculty Senate that the Medical School Faculty Council met on September 22, 2020, to review the Proposal for the Creation of "Comprehensive Center for Brain Health". The proposal brought forth to council members were subjected to a prior review by legislative oversight committee (LOC), a standing committee of the medical school faculty council. The proposal was favorably voted by 18 attending council members with 2 abstention and no negative voting. Based on the LOC approval, and their secondary reviews, the new center proposal was approved by a majority of the Faculty Council membership with the stipulation that the Director/Executive director of the center will update council every three years about the status of the center.

Respectfully submitted,



Sanjoy K. Bhattacharya, M. Tech, Ph.D.
Speaker, Medical Faculty Council