

MCKNIGHT BRAIN RESEARCH FOUNDATION (MBRF)
Meeting of the Research Committee of the Board of Trustees

Monday, June 15, 2020
5:00 pm – 6:00 pm EDT

Conference Call Number 877-934-2901 Passcode 8630398

Members: Dr. Madhav Thambisetty, Committee Chair; Dr. Robert Krikorian; Dr. Richard Isaacson; Dr. Sue Pekarske; and Dr. Mike Dockery, MBRF Chair

Also Attending: Ms. Amy Porter, Ms. Melanie Cianciotto

AGENDA

5:00 pm EDT	1.	Call to Order/Roll Call	Dr. Thambisetty
ACTION	a.	Minutes from the March 12, 2020 Meeting	
	2.	Updates on Current Grants/Programs	Dr. Thambisetty
	a.	Approved Changes to the Precision Aging Network Demonstration Project	
	b.	Report on Letters of Interest Submitted for MBRF Pilot Grants	
ACTION	c.	Status of Poster Reception at the October SfN Meeting in DC – Decision Needed before July 3	Ms. Cianciotto
ACTION	d.	Review of 2021 McKnight Scholarship RFA	Ms. Porter
	e.	Discussion of Outline of Proposed New Section on MBRF website for Primary Care Physicians (PCPs)	Dr. Isaacson
ACTION	f.	Recommendation of Diagnostic Tests to be included On MBRF website	
ACTION	3.	Current Annual Report Template	Dr. Thambisetty
	a.	Review and Recommendations	
ACTION	4.	New Request to Support Year Two of the Reserve & Resilience Workshop Pilot Grants	Dr. Thambisetty
	5.	Summary of New Grant Program – <u>IN PROGRESS</u>	Dr. Thambisetty
	a.	Discuss as a Partnership Opportunity Document	
6:00 pm EDT	6.	Adjourn	Dr. Thambisetty
ACTION			All

MINUTES
MCKNIGHT BRAIN RESEARCH FOUNDATION (MBRF)
RESEARCH COMMITTEE
CONFERENCE CALL
March 12, 2020

The Research Committee of the MBRF was called to order at 5:03 pm EST on March 12, 2020, by Dr. Madhav Thambisetty.

The following members were present:

Dr. Madhav Thambisetty, Chair of the Research Committee, Trustee
Dr. Richard Isaacson, Trustee
Dr. Robert Krikorian, Advisory Member
Dr. Sue Pekarske, Trustee

Member absent:

Dr. Mike Dockery, Chairman, MBRF

Others attending:

Ms. Melanie Cianciotto, Corporate Trustee
Dr. Lee Dockery, Chair Emeritus
Ms. Amy Porter, Executive Director

1. Call to Order/Roll Call

Dr. Thambisetty welcomed the members of the committee and Ms. Porter called roll.

2. Research Committee Activity Timeline

The Committee reviewed the highlighted updates to the activity timeline. Of note, the RFA for the Research Partnership with NIA and FNIH has been posted by the NIA. Deadline for Letter of Intent is September 1. Ms. Porter shared the link to the posting with the Communications Working Group and the Leadership Council as well as the Trustees. The link has been posted on the MBRF website. The NIA will provide \$14 million as a match to the MBRF's \$5 million grant.

It was also noted that the Cognitive Aging Conference and the AAN 2020 Meeting have been canceled due to the COVID19 pandemic. The McKnight Scholars dinner at the AAN was subsequently canceled as well. The timeline notes that edits were made to the McKnight Scholarship RFA for 2021 and were submitted to the MBRF's contact at the AAN/ABF. They will send back a draft for review and approval. Once approved and posted, Ms. Porter will send to the list of fellowship directors and will work on the advertising contract with AAN.

Action Item 1: The AAN/ABF to send draft of 2021 RFA to Ms. Porter for MBRF review and approval.

3. Pilot Grant Progress Reports

Final Reports are due on April 30 for two Pilot Grants. It is expected that Dawn Bowers, PhD, UF, will be requesting a no cost extension for "Revitalizing Cognition in Older Adults". Ms. Cianciotto will send reminders to Dr. Bowers to submit the extension and to Dr. Bonnie Levin, UM, to submit a final report by April 30.

Action Item 2: Ms. Cianciotto to send reminders to Dr. Bowers and to Dr. Levin about the April 30 deadline.

4. New Grant Program

Description and Purpose

Discussion focused on describing the MBRF's priority focus on a grant program for mid-career scientists who are carrying out clinical translational research in cognitive aging. It was suggested by Dr. Lee Dockery that the title of the program be *"The McKnight Brain Research Foundation Mid-Career Clinical Research Scientist Award in Cognitive Aging and Memory Loss."*

As background, Dr. Thambisetty outlined the MBRF's current grant portfolio as:

- 1) support for investigator-led research through pilot grant awards made to MBI researchers only
- 2) support for clinical translational research scholarships to post-doctoral or post-residency scholars. These awards are open to both MBI researchers and those outside of the MBIs. The AAN and ABF are administrative partners in these awards; the MBRF is the sole source of funding
- 3) support for stand-alone projects arising from unsolicited requests from the MBI faculty
- 4) the remaining portion of the portfolio is distributed as block grants to support identified priority research areas through inter-MBI initiatives; the research partnership with the FNIH to support specific NIA-led research initiatives; and long-standing endowments to the MBIS that support the institutes, programs and endowed chairs.

Dr. Thambisetty identified the gap in the MBRF's portfolio as the lack of support for mid-career investigators who have a proven track record of research accomplishments in cognitive aging but are "neither at the very early stage, nor at the mature end of their careers as senior or tenured faculty researchers. These investigators are at a key stage in their careers and, as they launch their careers as independent scientists, they are highly motivated to take on high-risk projects or paradigm-shifting research.

Eligibility for the McKnight Brain Research Foundation Mid-Career Clinical Research Scientist Award in Cognitive Aging and Memory Loss

Eligible individuals would have 3 to 4 years of formal post-doctoral training or 3 to 4 years of post-residency fellowship training; a proven track record of research accomplishments as indicated by their publication record; and will have been recently hired as tenure-track faculty in an academic institution with evidence of long-term institutional support as indicated by commitment of resources including laboratory space, start-up research funds and personnel. These scientists will be at a key milestone in their career trajectory, having already proven themselves committed to research in cognitive aging and having demonstrated potential to become leaders in the field.

Eligibility for these awards would be similar to the McKnight Clinical Translational Research Scholarships as the program would be open to MBI researchers as well as those outside of the MBI network.

The award would add substantial start-up support for a period of 3 years to these investigators to develop clinical translational research into cognitive aging. This support could be deployed towards developing proof-of-concept interventions to ameliorate age associated cognitive impairment, gather preclinical data to accelerate testing of potential interventions, further study of the mechanistic basis of age-associated cognitive impairment with a view to identifying novel treatment targets.

Discussion by committee members reflected the need to look to the future of clinical trials in the field. It was agreed that clinical research is to be encouraged; however, it was stated that this grant amount wouldn't be enough to support a clinical trial; however, the funds could support studies conducted in a scientifically rigorous way to develop pre-clinical data that will inform a clinical trial.

Partnerships

Two types of partnerships were discussed – an administrative partner that would provide name recognition and help in promoting and managing the review and award process (AAN/ABF does this with the McKnight Scholars) or a philanthropic partner that would contribute funds to be pooled with the MBRF's funds to increase the number or amount of the awards. The philanthropic partner might also assist with the management of the review and award process if they have that capability.

PCORI (Patient Centered Outcomes Research Initiative) was explored as a possible partner. It was suggested that a meeting with PCORI could be requested to discuss the MBRF grant program.

Other partners mentioned were the AARP and the Global Brain Health Council. HHMI was mentioned as an option although it was noted that they focus on basic research exclusively.

It was suggested that the list of partners be prioritized and that before a request for a meeting is submitted, the MBRF will prepare a summary document to describe the goals and requirements of the program.

Dr. Thambisetty will draft a summary document to be shared with the committee after the April 1 phone meeting. The target date for sharing the document with the Trustees will be the July 22 meeting.

Action Item 3: The list of potential partners should be developed and prioritized.

Action Item 4: The summary document will be drafted and shared with the committee for feedback after the April 1 Trustee meeting. The document will be shared with the Trustees at the July 22 meeting.

5. Adjourn

Dr. Thambisetty asked if there was any further discussion. Hearing none, he called for adjournment of the meeting at 6:00 p.m.

Action Item 5: Dr. Thambisetty called for adjournment.

Respectfully Submitted,

Melanie A. Cianciotto
Corporate Trustee

APPROVED CHANGES TO THE PRECISION AGING NETWORK DEMONSTRATION PROJECT

Background: On May 13, the UM MBI submitted this request in email with the accompanying budget. Discussion ensued on two issues 1) did Dr. Carol Barnes feel the demonstration project would be successful and help the U-19 resubmission in the fall, even with the requested change? and 2) should the MBRF pay the vendor directly as requested by UM?.

The Executive Committee of the MBRF (Officers - Chairman, Vice Chair, Chair Emeritus, and Corporate Trustees) were appreciative of Dr. Barnes' answer about the changes to the project. (her email is included below.) The Executive Committee concluded that as a one-time situation the MBRF could pay the vendor directly. The principals at the UM and UA MBIs were notified of approval of the changes on May 22 and responded with their appreciation.

The Email Request, Response to Questions, and Notes of Appreciation follow:

On May 13, 2020, at 4:53 PM, Fox-Rosellini, Susan Eva <sfoxrose@med.miami.edu> wrote:

Good Afternoon Amy and Melanie

Hope this finds you both well. UMMBI and UAMBI have had a number of meetings related to U19 resubmission in this Covid-19 world. We have concluded any in person recruitment is not going to be possible prior to September submission or maybe the near future.

Since, Carol and team are still committed to resubmitting the grant and we are excited to help, we have developed a strategy we will recruit and screen participants virtually. We plan to use multiple communications techniques to guide participants to Mindcrowd then creating participant pools to follow-up on, at some future time, at UM and at Arizona, both including Hispanics.

Therefore, we have revised the budget you generously agreed to. We wish to allot \$70K for a 1 year license for the Red Cap Cloud Database which will allow us to upfront capture all information quickly. Note in additional years the service will be paid for from the U19grant. This cost we will ask you to pay directly to Redcap and if you agree to the revision, Luann will send you the contract to review.

The remaining funds would come to Miami for us to create our pool of participants. \$174K. This is for project, data, marketing and neuropsychology coordination as well as mail, radio costs. This is a perfect test of a new way of doing research and we are grateful for your support.

If you have questions or time to talk tomorrow or Friday let me know. We would like to move this forward next week. Thanks as always.

Best regards, Susan

Tue, May 19,
3:34 PM

Barnes, Carol A - (barnesca)

to me, Luann, Mike, madhavtr71@gmail.com, Melanie, J, Carol

Dear Amy,

Good to hear from you. Because our entire recruitment effort has always been via the web-based MindCrowd test, we are actually in a very good position to continue to recruit the samples we intend to recruit both into Project 1 (which is the large nationally representative cohort), and into Project 2 (the “Deep Dive” face to face, 4 site experiment). The Community Engagement, Recruitment and Retention Core (CERR) efforts supported by our Tucson pilot grant has been able to show progress, and success in recruiting more individuals into the MindCrowd Catchment participant pool – we are already “up” from proportions of around 5% to 12% in Hispanic test takers this year (2020) compared to the averages before our efforts (from 2013 to 2019), and up from ~2% to 10% in African American test takers.

From the first powerpoint slide attached to this message (this is the pilot study approach we are now taking for ‘pre-resubmission’ data collection) you can see that from the Project 1 pool of individuals (“MindCrowd Catchment”), people will be chosen to participate in the Project 2 (Deep Dive) study taking into consideration the criteria for study entry (MCAuto-Screening). People who fit these criteria and gave permission to be re-contacted in the first MindCrowd test, will be contacted by email and asked if they want to participate in the MindCrowd “Deep Dive” pilot studies in Tucson and in Miami. If the answer is “yes”, they provide a phone number, they will be contacted by phone, will be screened and the details of consenting for the experiment will be done. This is no different that we had planned before the pandemic. For these pilot studies we will ask these individuals to take two additional computerized tests, and will ask to consent them for MRI and blood draws at a later date, when face-to-face experiments are again possible. This is the feasibility data that we will use for the resubmission – how many people were contacted, how many people consented to come to the lab when it is safe to do so. We believe this will be very convincing to the reviewers. Also the Data Base assistance that you are reviewing the request of funds for, will allow the entire Data Science Core pipeline to be up, running and tested by the time of resubmission. This will also be important to demonstrate to reviewers.

The second slide shows you what will happen in the actual U19 Precision Aging Proposal, once the version of the “MindCrowd Expanded” test is complete, all sites are participating, and once people can be tested face to face.

Let me know if I haven't answered questions that may remain.
I truly hope you and your families are all healthy,
Carol

C. A. Barnes, Ph.D.

After notification of approval these emails were received –

From: "Barnes, Carol A - (barnesca)" <carol@nsma.arizona.edu>
Date: May 22, 2020 at 10:12:15 AM EDT
To: Amy Porter <aporter@mcknightbrf.org>
Cc: "Snyder, Luann - (snyderlu)" <Luann@nsma.arizona.edu>
Subject: RE: [EXT]Approval -UA nd UM U19 Project redesign and Budget redeployment

Wonderful way to start a Friday morning Amy!! I love good news!
Carol

From: "Sacco, Ralph L" <rsacco@med.miami.edu>
Date: May 22, 2020 at 11:09:36 AM EDT
To: "Rundek, Tatjana" <TRundek@med.miami.edu>, Amy Porter <aporter@mcknightbrf.org>, "Fox-Rosellini, Susan Eva" <sfoxrose@med.miami.edu>
Cc: "Barnes, Carol A - (barnesca)" <carol@nsma.arizona.edu>, Mike Dockery <Mike.Dockery@OrthoCarolina.com>, J Lee Dockery <jld007@cox.net>, "madhavtr71@gmail.com" <madhavtr71@gmail.com>, Melanie Cianciotto <Melanie.Cianciotto@SunTrust.com>, Luann Snyder <luann@nsma.arizona.edu>
Subject: Re: Approval -UA nd UM U19 Project redesign and Budget redeployment

Thanks very much for the modifications given all of the current circumstances.

Hope everyone is staying well.

Best,
Ralph

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Ralph L. Sacco MD MS FAHA FAAN
Professor and Olemberg Chair of Neurology
Executive Director McKnight Brain Institute
Chief of Neurology Jackson Memorial Hospital
Director, UM Clinical & Translational Science Institute
Senior Associate Dean for Clinical & Translational Science
Miller School of Medicine, University of Miami
Immediate Past President, American Academy of Neurology 2019-21
Office: 305-243-7519

From: Tanya Rundek <TRundek@med.miami.edu>
Date: Friday, May 22, 2020 at 9:28 AM
To: Amy Porter <aporter@mcknightbrf.org>, Susan Fox-Rosellini
<sfoxrose@med.miami.edu>
Cc: Carol Barnes <carol@nsma.arizona.edu>, "Ralph L. Sacco MS MD FAHA FAAN"
<rsacco@med.miami.edu>, Mike Dockery <mike.dockery@orthocarolina.com>, "J.
Dockery" <jld007@cox.net>, "madhavtr71@gmail.com" <madhavtr71@gmail.com>,
Melanie Cianciotto <Melanie.Cianciotto@suntrust.com>, Luann Snyder
<luann@nsma.arizona.edu>
Subject: Re: Approval -UA nd UM U19 Project redesign and Budget redeployment

Thank you so much Amy and the Trustees for your understanding and support.
Best wishes, tatjana

From: "Fox-Rosellini, Susan Eva" <sfoxrose@med.miami.edu>
Date: May 22, 2020 at 8:35:33 AM EDT
To: Amy Porter <aporter@mcknightbrf.org>, Luann - Snyder <luann@nsma.arizona.edu>
Cc: Melanie Cianciotto <Melanie.Cianciotto@SunTrust.com>
Subject: Re: **Approval**

Thank you thank you so much to all

Susan Fox Rosellini
Executive Director
Marketing Neurology
Administrative Director
McKnight Brain Institute
786-246-8111

From: "Snyder, Luann - (snyderlu)" <Luann@nsma.arizona.edu>
Date: May 22, 2020 at 11:21:47 AM EDT
To: Amy Porter <aporter@mcknightbrf.org>, Susan Fox-Rosellini <Sfoxrose@med.miami.edu>
Cc: Melanie Cianciotto <Melanie.Cianciotto@SunTrust.com>
Subject: RE: [EXT]Approval

Thank you so much Amy. We greatly appreciate all of the effort that you, Melanie and Susan put into

Luann Snyder
Department Administrator
Evelyn F. McKnight Brain Institute
PO Box 245115 – LSN 362
University of Arizona
Tucson, AZ 85724-5115
Phone: 520-626-2096
Email: luann@embi.arizona.edu

McKnight Clinical Translational Research Scholarship in Cognitive Aging and Age-Related Memory Loss

Funded by the McKnight Brain Research Foundation through the American Brain Foundation,
and the American Academy of Neurology

Application Deadline: October 1, 2020

This award aims to support young investigators in clinical studies relevant to age-related cognitive decline and memory loss. The award also recognizes the importance of rigorous training in clinical research and encourages young investigators in seeking opportunities to establish future careers in the area of human cognitive aging. **Please note: the focus should NOT be solely on a neurodegenerative dementia (e.g. Alzheimer's disease); however, proposals that focus on combined study of cognitive aging and neurodegenerative cognitive changes may be considered.**

Each award will consist of a commitment of \$65,000 per year for two years, plus a \$10,000 per year stipend to support education and research-related costs for a total of \$150,000.

HOW TO APPLY

1. Visit AAN.com/view/ResearchProgram
2. Select "2021 McKnight Clinical Translational Research Scholarship in Cognitive Aging and Age-Related Memory Loss"
3. Select "Apply now"

Please only submit one application - applicants are not allowed to submit applications for more than one award. Your application may be considered for another category at the discretion of the review committee, however, the system will only allow one application per person.

Visit the [Frequently Asked Questions](#) portion of the website for more information.

IMPORTANT DATES

October 1, 2020: Application deadline – Note that this is the deadline for all documents, including those from references, the mentor, and the chair.

Applications will be declined if this information is not submitted by October 1.

January 2021: Notification of recipients

July 1, 2021: Funding begins

ELIGIBILITY

1. For the purpose of this scholarship, research is defined as "patient-oriented research conducted with human subjects, or translational research specifically designed to develop treatments or enhance identification of age-related cognitive decline and memory changes. These areas of research include epidemiologic or behavioral studies, clinical trials, studies of disease mechanisms, the development of new technologies, and health services and outcomes research." Disease related studies not directly involving humans or human tissue are also encouraged if the primary goal is the development of therapies, diagnostic tests, or other tools to prevent or mitigate neurological diseases. This award is also appropriate for junior investigators interested in an academic career in translational-based research in neurology.
2. Recipient must be interested in an academic career in neurological research who has completed a residency or a PhD degree no more than 5 years prior to the beginning of this award (July 1, 2021). If you completed a fellowship of any kind after residency, your eligibility is still based on the date you finished residency.
3. The proposed program of training and research must be performed entirely within an institution in the United States.

EVALUATION AND SELECTION

Applications are evaluated by reviewers based on the following criteria:

- Applicant's ability and promise as a clinician-scientist based on prior record of achievement and career plan, letters of reference, and NIH Biosketch (30 percent)
- Quality and nature of the training to be provided and the institutional, departmental, and mentor-specific training environment (30 percent)
- Quality and originality of the research plan to study cognitive aging and age-related memory loss (40 percent)

ANNUAL AND FINAL PROGRESS REPORTS

An annual progress report is due in May of the first year. Renewal of the award in year two is contingent upon presentation of a satisfactory progress report. Additionally, a final research report and a final expenditure report are due within 60 days following the close of the grant term. The final expenditure report must be prepared by the institution's financial office.

REQUIRED ATTACHMENTS FOR APPLICATION

1. PDF of three-page Research Plan, including brief statements of aims, background, methodology, and any supporting preliminary data/figures. References do not count toward the page limit. The research plan should be written by the applicant and should represent his/her original work. However, the applicant is expected and encouraged to develop this plan based on discussion with the proposed mentor. It is appropriate, but not required, for the proposed work to be specifically related to the mentor's ongoing research.
2. PDF of Applicant's NIH Biosketch. See this [link](#) for the most recent NIH Biosketch template.
Once the above information is fully completed and submitted by the applicant:
3. The **chair** will receive an email with a link asking them to check a box confirming that that applicant's clinical service responsibilities will be restricted to no more than 20 percent of their time. The chair will NOT be asked to submit a letter.
4. Two **references**, identified by applicant, will receive an email with a link to submit a letter of reference supporting the applicant's potential for a clinical, academic research career and qualifications for the scholarship.
5. The **mentor** will receive an email with a link to submit a letter of reference detailing his/her support of and commitment to the applicant and the proposed research and training plan. The letter should specifically indicate the mentor's role in the development and preparation of the applicant's research plan and should include:
 - How the proposed research fits into the mentor's research program
 - Expertise and experience in the area of research proposed and the nature of the mentor's proposed time commitment to the supervision and training of the applicant
 - Mentor's prior experience in the supervision, training, and successful mentoring of clinician scientists
 - Potential for applicant's future research career and comparison of applicant among other residents
6. The **mentor** will also be required to upload a NIH Biosketch.
7. Applications will not be processed or reviewed until the letters of recommendation are submitted. The applicant will receive an email confirmation upon receipt of each support letter. To send a reminder email to the letter writer, log back into the application and select "Re-send Recommendation Request" located in the Support Information section of the application.

CONTACT INFORMATION

Michelle Maxwell, Program Manager, Science Committee Activities
Phone: (612) 928-6001
Email: mmaxwell@aan.com

Content Outline for Primary Care Physicians Area of the McKnight Brain Website

Draft June 4, 2020

Overview

The McKnight Brain Research Foundation seeks to develop a designated area of its website with tools and resources to help fill educational gaps and assist primary care physicians in identifying patients at-risk for or experiencing cognitive changes due to aging. Using the information and resources provided on the website, primary care physicians will also be able to recommend or conduct cognitive screening during wellness visits and offer tips on the diet, exercise and lifestyle changes that have been proven to help maintain brain health.

Suggested Content and Resources

What is Cognitive Aging?

- Cognitive Aging 101
- General Facts on Aging/Brain Health
- Benefits of Maintaining Brain Health
- Warning Signs and Behavior Changes

Prevention

- How to Maintain Brain Health
- Exercise for Brain Health
- Brain Healthy Diet Tips

Research Snapshots

- Highlight research from McKnight Trustees or MBI scientists with patient implications

Cognitive Assessment

- Importance of Cognitive Assessment
- Warning Signs
- Online Assessment Tool (3 options)
 - Link to outside trusted resources with descriptions of what each tool does and the differences
 - Create an online form – series of 10 questions PCPs can ask patients and a scoring tool based on the questions results
 - Create our own online assessment tool – PCPs and patients can walk through the McKnight Brain Assessment Tool together and question results will generate a doctor/patient recommendation upon completion

Patient Resources

- Fact Sheets and Resources to pass along to patients showing signs of cognitive decline and age-related memory loss:
 - How to Talk to Your Doctor
 - Treatment Options
 - Lifestyle Tips to Maintain Brain Health

Annual Report

**McKnight Brain Research Foundation
Sponsored Institutes and Research Programs
(Include activity of all McKnight supported faculty and trainees)
Report Period: _____**

Some gift agreements require both Institute reports and Chair reports. If applicable, please clearly state whether a particular response relates to a Chair or Institute.

Any capitalized terms used on the template are intended to have the same meaning as the term is defined in the Gift Agreement.*

1. Summary of scientific achievements since last report
2. Publications in peer reviewed journals
3. Publications (other)
4. Presentations at scientific meetings
5. Presentations at public (non-scientific) meetings or events
6. Awards (other)
7. Faculty. Please include abbreviated CV with publications for previous 12 months
8. Trainees
 - a. Post doctoral
 - b. Pre-doctoral
 - c. Other
9. Clinical/translational programs
 - a. New programs
 - b. Update on existing clinical studies
10. Technology transfer
 - a. Patents applications
 - b. Revenue generated from technology
11. Budget update (last year's budget and actual results - with an explanation of material variances)
 - a. Status of matching funds, if applicable
 - b. Projected budget for coming year
 - c. Extramural funding

*** When using acronyms, please spell out all acronyms not universally understood.**

12. Educational programs focusing on age related memory loss
 - a. Scientific
 - b. Public
13. Collaborative programs with other McKnight Institutes, institutions and research programs
14. Collaborative programs with non McKnight Institutes, institutions and research programs
15. Briefly describe plans for future research and/or clinical initiatives
16. If applicable, please provide endowment investment results for the report period.
17. Where any funds used for a Prohibited Purpose during the report period?
18. Do you recommend any modification to the Purpose or mandates in the Gift Agreement?
19. Did all activities during the report period further the Purpose?
20. Please describe any negative events (loss of personnel, space, budget, etc.) that occurred during the report period and the possible impact on carrying out the Gift Agreement.
21. Please provide any general comments or thoughts not covered elsewhere – a response is not required. Please respond only if you would like to add something not otherwise covered elsewhere.
22. What do you consider your most important scientific achievement this year?
23. Signature, date, and title of person submitting the report.

*** When using acronyms, please spell out all acronyms not universally understood.**

McKnight Brain Research Foundation

Financial Summary Format:

(Institute) and/or (Endowed Chair)

Summary for 12 months ended _____

Account Name: _____

A.	Beginning Balance on _____	\$ _____
B.	Investment Growth	\$ _____
C.	Distributions	\$ _____
D.	Additional Contribution	\$ _____
E.	Ending Balance on _____	\$ _____

DEFINITIONS

DISTRIBUTION is the money transferred from the account to the spendable/operating account for the designated use.

BALANCE is the market value of the account as of the first or last day of the reporting year.

ADDITIONAL CONTRIBUTION is additional contribution by MBRF, the reporting institution, match etc.

INVESTMENT GROWTH (Loss) is the total undistributed interest, dividends, and realized and unrealized gains and losses.

BALANCE is the value of the account's corpus including all contributions, and applicable state match monies as of the date indicated.

McKnight Brain Research Foundation

Financial Summary Format:

Cognitive Aging and Memory Clinical Translational Program

Summary for 12 months ended _____

Account Name: _____

A.	Beginning Balance on _____	\$ _____
B.	Investment Growth	\$ _____
C.	Distributions	\$ _____
D.	Additional Contribution	\$ _____
E.	Ending Balance on _____	\$ _____

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BALANCE is the value of the account's corpus including all contributions, and applicable state match monies as of the date indicated.

REQUEST TO SUPPORT YEAR TWO OF THE RESERVE & RESILIENCE WORKSHOPS
PILOT GRANT AWARDS

Background: The second in-person Reserve & Resilience workshop scheduled for September 14 and 15, 2020, has been canceled. Last year for the first workshop, the MBRF provided \$30,000 for meals and beverages for the attendees. The Reserve & Resilience workshop was originally a recommendation from the Cognitive Aging Summit, which was supported by the MBRF and the NIA. Dr. Stern has requested a second year of funding from the MBRF at \$30,000 to support pilot proposals as the major focus of the work of the Reserve & Resilience Workshop. Please see his emails below.

On May 19, Dr. Stern wrote:

Dear Amy:

I hope all is well with you and yours in these crazy times.

I'm writing to catch you up on the progress of the Collaboratory and our plans for the Second Annual Workshop for the Collaboratory on Research Definitions for Reserve and Resilience in Cognitive Aging and Dementia, and to ask you to continue your generous support. The workshop is scheduled to occur on September 14-15 but as you probably would expect, we will hold it online rather than in person.

In the time since the first workshop, we have initiated a set of ongoing workgroups focusing on data sharing and nonhuman studies of reserve and resilience. We also had a committee focused on developing a call for pilot project proposals. In order to provide a framework for the pilot projects and to promote discussion among the research community, the executive committee decided to propose definitions for cognitive reserve and brain maintenance, and to focus the call for pilot proposals on these definitions.

At this point, we see the pilot proposals as the major focus of our work. We are asking applicants to develop experimental approaches towards operationalizing and testing the proposed definitions for brain maintenance and cognitive reserve. They can also choose other concepts such as brain reserve, resistance, resilience, etc., explaining how they would differentiate them from the concepts that we have already defined and provide a clear operational definition of their proposed concept. We are encouraging both human and nonhuman research. We expect that most people will use existing data sets and have worked to make some large data sets available for the projects. In addition, applicants can propose new research that is feasible to complete in less than one year.

Our plan is to base the upcoming workshop around these proposals. We will have selected awardees present their proposed operational definitions and analyses. We will then have panel discussions discuss each proposal, hopefully sparking focused discussions of how these concepts are operationally defined and implemented in research. We will ensure that presented proposals range between human and nonhuman, and across multiple concepts. All

proposals will be peer-reviewed by a panel of senior researchers in the field, ensuring we have a minimum of three reviews per each application. An online platform has been developed and is currently tested, allowing for transparency but also for an interactive process which will provide feedback from each reviewer to our applicants.

With funding from NIA earmarked to support the pilot proposals, we hope to be able to fund between approximately 10 or 12 of these though there is a great need to support at least 10 more. These valuable proposals are a central feature of our consensus process and would allow us a much-needed continuance and a strong start to our third-year research plan.

Last year, we were privileged to receive your generous support which helped us defray the workshop's meals (not allowed by our NIA funding). With the current in-person meeting restrictions, that expenditure is no longer applicable this year. As such, I would like to inquire if you would be interested in providing support to this year's workshop by helping us fund additional pilot awards. Proposals range between 10 and 30 thousand dollars each. Those supported directly from our NIA funding will also have to supply indirect costs. Your support at the same level as last year would help us fund up to 3 more proposals. Your support will continue to be recognized across our publications, our website and social platforms as well as in our workshop's program book.

I would be most grateful if you allowed me to call you so we have a chance to discuss this further.

With many thanks for considering this request,
Yaakov

On Tue, May 19, 2020 at 12:10 PM Yaakov Stern <ys11@cumc.columbia.edu> wrote:

Thanks for your quick reply, Amy. I think that if we knew by the end of June that would be very useful. We hope to notify awardees by the end of July, and your response will help determine how many proposals we can accept.

Best,
Yaakov

On Tue, May 26, 2020 at 3:32 PM

Yaakov Stern <ys11@cumc.columbia.edu> wrote:

Hi Amy:

Sorry for the delay in getting back to you; I needed to talk with Anna, my accounts person, to give you accurate numbers. Right now, we only have support from only our NIA grant. We anticipate spending \$100K for the workshop itself. We presently have \$400K allocated for the

pilot awards. Depending on the amounts requested, and the indirect costs of the associated institutions, this should be sufficient to fund up to 15 awards. I might have to squeeze out a little more from the NIA budget to get to that number. Last year we received additional support from MBRF, and several other organizations. We have no other confirmed support at this time. Please let me know if you need more detail, and thanks for your help on this. Best, Yaakov

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