

December 10, 2006

Charles A. Sanders, M.D.
Chairman
Foundation for the National Institutes of Health
1 Cloister Court, Suite 152
Bethesda, MD 20814

*Established by
Evelyn F. McKnight
to Alleviate Memory Loss
in the Aging.*

Dear Dr. Sanders,

This sets forth the terms of the agreement between the McKnight Brain Research Foundation ("MBRF") and the Foundation for the National Institutes of Health ("FNIH") for MBRF's support of the *Cognitive Aging Summit* to be held in the spring 2007 under the auspices of the National Institute on Aging ("NIA"), a component of the National Institutes of Health ("NIH") in partnership with the FNIH.

The purpose of FNIH pursuant to 42 U.S.C. 290b is to support the NIH in its mission and advance collaboration among universities, industry, and other non-profit organizations. Collaboration through FNIH will allow MBRF to commit financial resources and expertise in support of NIA's research in the area of normal aging and the changes in cognition related to the aging process. By advancing knowledge bases, and integration of the research outcomes in aging and changes in cognition associated with normal aging, the most promising areas of translational research for therapeutic intervention can be identified, ensuring a greater impact upon the health of the Public.

The *Cognitive Aging Summit* ("Summit") will bring together a range of experts in a variety of research fields to discuss the most cutting edge advances in our understanding of age-related brain and behavioral changes. It is anticipated that recommendations for research directions would emerge from the Summit and that subsequent research would lead to practical recommendations and interventions for maintenance of cognitive health throughout life.

The amount awarded to FNIH by MBRF under this Agreement shall be used by FNIH to facilitate collaboration in the planning and execution of the *Cognitive Aging Summit*, support all Summit-related expenses, explore opportunities for future collaboration, and serve as MBRF's primary liaison for this project. (See Attachment 1 – Cognitive Aging Summit).

The goals and objectives of the *Cognitive Aging Summit* are to:

1. assess the status of the current scientific knowledge in normal aging and changes in cognition associated with the aging process;

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2. explore new avenues of potential research within the scientific community which could lead to the development of pharmacological and behavioral interventions and, ultimately, to improved outcomes for the aging; and,
3. raise the level of awareness both within the scientific community and among the public about the importance of this area of research and its tremendous value to society.

A desired outcome of the Summit is to develop recommendations for research opportunities that could be pursued in future partnerships.

1. Funding:

- a. *Payments* – MBRF agrees to provide up to \$250,000 for all costs associated with the planning and execution of the *Cognitive Aging Summit* (See Attachment 2 – Estimated Budget). Upon execution of this agreement, MBRF shall transfer to FNIH the amount of \$125,000. An additional \$125,000 will be transferred by the Foundation to FNIH on or before April 1, 2007.
- b. *Use of funds* – FNIH will provide funds received from MBRF, less FNIH fees pursuant to (c) below, to the NIA for use by NIA for the *Cognitive Aging Summit* and related activities (i.e., planning meeting and subsequent papers, proceedings, etc.). MBRF acknowledges that the NIA will be responsible for planning and coordinating the programmatic, logistical, and administrative aspects of the summit and selection and management of any grantees and/or contracts. It is understood that neither FNIH nor MBRF will have responsibility for or control over the solicitation, funding, and administration of contracts or grants related to this project.
- c. *Budget* – The project budget covers the anticipated costs of the Summit and related activities and FNIH's indirect costs. To cover its indirect costs incurred in performing services in connection with the project, FNIH will retain a fee of five percent (5%) of the payments made by MBRF to FNIH, and may also retain a portion of each payment to reimburse FNIH for direct costs incurred by FNIH in performing its services in connection with the Summit. It is understood that cost overruns should be avoided; MBRF will not provide funding in excess of \$250,000.
- d. *Time and place of payment*. All payments shall be delivered by MBRF to:

Please address all correspondence to

Ms. Amy McGuire
Executive Director
Foundation for the National Institutes of Health
1 Cloister Court, Suite 152
Bethesda, MD 20814-1460

or sent via electronic transfer to:

SunTrust Bank
1445 New York Avenue, NW
Washington, DC 20005
Account number: 209004037
Routing number: 055002707
For the account of the Foundation for NIH.

2. Content and Administration: FNIH will work with the partners in this project in a facilitative and advisory capacity to ensure that MBRF's expectations, as set forth in this Agreement, are met. Specifically, FNIH will serve as liaison to the NIA on behalf of MBRF to facilitate MBRF's participation in the planning and execution of the Summit and any follow-up activities.

FNIH will work with MBRF to appropriately acknowledge MBRF in all widely disseminated public print or electronic communications regarding the Summit and on the Foundation's web site, www.fnih.org. FNIH agrees to share drafts of such communication with MBRF for review and comment prior to their public availability or dissemination. It is understood that MBRF will share drafts of all widely disseminated public print or electronic communications regarding the Summit, including news releases, with FNIH for review and comment prior to public availability or dissemination.

Not later than 60 days following the settlement of all Summit related costs, FNIH will deliver to MBRF a report showing the use of all funds and any balance remaining. FNIH will issue a refund of the balance to MBRF upon request. Should the project terminate prematurely, FNIH shall return to MBRF all uncommitted funds or, in keeping with MBRF wishes and at the discretion of the FNIH Board of Directors, redirect them to another FNIH project or purpose.

3. Responsible Personnel: Teresa W. Borcheck, Corporate Trustee, will represent the MBRF as the primary contact and can be reached at (407) 237-5907 or teresa.borcheck@suntrust.com. Julie Wolf-Rodda, Director, Partnership Development, Research Initiatives will serve as the primary FNIH contact and can be reached at 301.402.6027 or jwolf-rodde@fnih.org.

4. Disclosures: MBRF's participation as a supporter of the Summit may be disclosed at any time by FNIH.

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5. Donor's Business: MBRF's funding of the Summit is not in any way conditioned upon any present or future business relationship between MBRF and FNIH.

6. Entire Agreement: The terms of this Agreement shall be construed according to the laws of the State of Maryland. This Agreement shall supersede any previous understandings or agreement, written or otherwise. This Agreement may only be amended by a written instrument signed by both parties.

Please indicate acceptance of this grant and certification that these funds will be used in support of the indicated project by having an authorized representative of FNIH sign the duplicate originals of this letter. After the letter has been signed, please return one original to MBRF for our files.

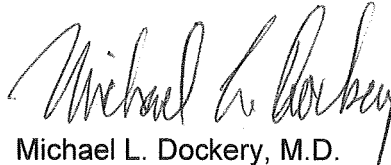
Sincerely,



J. Lee Dockery, M.D.
Trustee, McKnight Brain Research Foundation



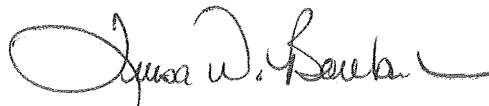
John G. Clarkson, M.D.
Trustee, McKnight Brain Research Foundation



Michael L. Dockery, M.D.
Trustee, McKnight Brain Research Foundation



Nina Ellenbogen Raim, M.D., J.D.
Trustee, McKnight Brain Research Foundation



Teresa W. Borcheck
Corporate Trustee, McKnight Brain Research Foundation

Attachments

ACCEPTED AND AGREED to this 21st day of December, 2006.

FOUNDATION FOR THE NATIONAL INSTITUTES OF HEALTH, INC.

By 

Name: Charles A. Sanders, M.D.

Title: Chairman

Tax ID No: 52-1986675

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National Institute on Aging (NIA)
Possible Collaboration Opportunities with the McKnight Brain Research Foundation (MBRF)

Cognitive Aging Summit

Rationale/Background

Most people experience some deterioration in cognitive function as they age. Still the biological and psychological bases for selective loss of such functions as memory and executive skills are not fully understood. With the aging of the U.S. population, maintenance of cognitive health into late old age is becoming more important for older workers and retirees, while the range of late-life outcomes is becoming more diverse. Given the economic and social devastation of cognitive decline and dementing illnesses and the National Institutes of Health (NIH) mandate to examine means of maintaining cognitive health, a Cognitive Aging Summit is proposed to advance and integrate knowledge bases, methods, and perspectives on aging and cognition and to identify the most promising areas of translational research.

The NIA has conducted or co-sponsored several efforts over the past decade to assess the state of cognitive aging research and to identify areas that would benefit from advancement. In 2000, the National Research Council published *The Aging Mind: Opportunities in Cognitive Research*, a report that reflected a year-long activity commissioned by the NIA. The committee identified several broad recommendations for interdisciplinary research focusing on:

- Identifying mechanisms at the behavioral and neural levels that contribute to age-related change in cognitive functioning.
- Building the scientific basis for promoting neural health in the aged brain.
- The effects of environmental context on brain cognitive functioning.
- The necessity for cross-disciplinary training and building essential infrastructure.

In 2006, the National Research Council published *When I'm 64*, a report emphasizing the importance of understanding the role of social, personality, and life-span psychology in maintaining cognitive health in old age. The report also reflected the culmination of a separate year-long activity commissioned by the NIA.

Since 2000, application of an array of new technologies has allowed us to garner a wealth of data on the aging of specific brain cells and systems, how they manifest in altered behavior, and how a variety of external influences may affect age-related cognitive change. This proposed Cognitive Aging Summit would be the first major opportunity for experts in different fields of research to discuss the most cutting edge advances in our understanding of age-related brain and behavioral changes and to develop recommendations for research directions that would facilitate advances in basic research leading to practical recommendations and interventions for maintenance of cognitive health throughout life. From interactions with investigators and assessment of the current literature on cognitive aging, NIA staff members have developed a preliminary list of areas important for inclusion on the agenda:

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- Identify cross-disciplinary research emphasizing practical approaches to the development of pharmacological and lifestyle interventions designed to facilitate positive cognitive trajectories in the aging population
- Molecular/cellular bases of age-related decline
- Genetic and epigenetic bases of cognitive change
- Early life influences on late life outcomes
- Impact/interaction of co-morbidities and cognitive function
- Lifestyle factors/predictors
- Interface of emotion and cognition
- Cognitive reserve
- Plasticity and compensatory mechanisms in the aging brain
- Impact of social engagement
- Motivation and behavioral change
- Study of the cognitively healthy oldest old

Design

Anticipated Timeframe	Format	Goal/Purpose
Pre-Meeting		
January 2007	1 day 20-25 participants	To discuss the key areas for coverage on the Summit agenda, format, and key participants
Summit		
April 2007	2 days <ul style="list-style-type: none"> • 1½ days of scientific presentations • ½ day advisory panel discussion/generation of recommendations • Evening public dinner/presentation 50 invited participants + additional evening participants	To develop recommendations for research opportunities that could be pursued jointly by the MBRF and the NIA.
Proceedings & Papers		
October 2007	Published proceedings and/or papers	To heighten awareness of current research and needs in the study of normal cognitive aging

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Outcomes

Recommendations generated by the advisory panel at the Cognitive Aging Summit will serve to foster ideas for partnership between the MBRF and the NIA on a research agenda to further our understanding and thus our approach to age-related cognitive decline and maintenance/improvement of cognitive performance with age. Additionally, publication of summit proceedings and/or papers delivered will raise the visibility of collaborative efforts in this area and bring the need for investigation into aging related changes in memory and learning to a wider scientific audience. Recognition will be given to the MBRF in all publications resulting from the Summit.

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**Proposed Budget
McKnight Brain Research Foundation Project
Cognitive Aging Summit**

Cognitive Aging Summit	2007
Pre-Meeting	
Venue rental & logistics	5,000
Travel & Hotel, 3 MBRF Reps. (@ \$1200/person)	3,600
Travel & Hotel, 3 Advisory Committee Members (@\$1200 each)	3,600
Materials	5,000
Breakfast, lunch, coffee breaks (@ \$40/person x25people)	1,000
	18,200
Scientific Symposium	
Venue rental & logistics	75,000
Summit logistical contractor	45,000
Posters and related materials	5,000
Audiovisual and videotaping	5,000
Invitations (design/printing)	500
Programs & summit materials (design/printing)	3,500
Postage (invitations)	100
Day 1: lunch, coffee breaks (@ \$30/person x 50 people)	1,500
Day 2: breakfast, lunch, coffee breaks (@ \$40/person x 50people)	2,000
Proceedings	25,000
	162,600
Public Session, Evening of Day 2	
Postage (invitations)	100
Invitations (design/printing)	1,000
Programs & summit materials (design/printing)	3,000
Speaker honoraria (@5,000 each)	15,000
Dinner (100 @ \$75/each)	7,500
Travel & Hotel, MBRF Board of Trustees (@ 1,200 each)	7,200
Travel & Hotel, speakers (@ 1,200 each)	6,000
Travel & Hotel, Other Advisory Committee members (@1,200 each)	6,000
Travel & Hotel, MBRF Fellows (@1,200 each)	6,000
	51,800
Post-Summit Follow-Up	
Teleconferences (3@1,500)	4,500
	4,500
SUBTOTAL:	237,100
FNIH Management Fee -- 5% of Revenue	12,479
TOTAL:	\$249,579

12/7/2006

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