

October 2014
Issue 4, Page 1



Center for Neurorestoration and Neurotechnology

The Center for Neurorestoration and Neurotechnology (CfNN) began with a June 2012 award from the Department of Veterans Affairs Rehabilitation Research and Development Service. The Center is a collaboration between the Providence VA Medical Center, Brown University, Butler Hospital, Lifespan, and Massachusetts General Hospital.

New CfNN Director

Leigh Hochberg, MD, PhD has been appointed by Dr. Patricia Dorn (Director, VA Rehabilitation R&D Service) the new Director of the RR&D CoE for Neurorestoration and Neurotechnology (CfNN).



John Donoghue, PhD, the founding CfNN Director, is going on a sabbatical for calendar year

2015. Dr. Hochberg, who holds a 5/8th appointment at the Providence VAMC, is Associate Professor of Engineering at Brown University, as vascular and critical care neurologist at Massachusetts General Hospital, and a Senior Lecturer in Neurology at Harvard Medical School. Dr. Hochberg is a Fellow of the American Academy of Neurology and the American Neurological Assoc., and is the recipient of a Doris Duke Charitable Foun-

ation Clinical Scientist Development Award, the Herbert Pardes Prize for Excellence in Clinical Research, and the Derek Denny-Brown Young Neurological Scholar Award. His research is focused on neural decoding of motor cortex and the development of neural prosthetics to improve the quality of life for individuals with paralysis and other neurologic disorders. He is Sponsor-investigator of the BrainGate2 pilot clinical trial, which is carrying out a VA-sponsored evaluation of linking cortical motor control with the DEKA Arm, and a VA-sponsored evaluation and further development of the investigational BrainGate technology for Veterans with amyotrophic lateral sclerosis (ALS). With Dr. Donoghue, Dr. Hochberg leads CfNN's Brain-Computer Interfaces research initiative. Dr. Donoghue will continue to be involved with CfNN as a researcher and mentor and will resume his RR&D Senior Research Career Scientist Award after his sabbatical. Thanks and best wishes to Dr. Donoghue and congratulations to Dr. Hochberg!

Happy New Year!

As we start FY 2015, we reflect on the many CfNN accomplishments in 2014

- ◆ BrainGate won first Israel Brain Technology Prize (\$1 Million for research)
- ◆ FDA approval of DEKA Arm (Resnik)
- ◆ VA Research MRI brought online, installed 32 channel coil and performed first fMRI (also enhances imaging for VA clinical studies)
- ◆ Established a 5-year contract with Brown University's MRI Research Facility to conduct functional MRIs and research-specific procedures for CfNN affiliated studies
- ◆ Established a Brown-PVAMC Memorandum of Agreement (MOU) for shared use of research space
- ◆ Participated in Providence's Waterfire "Special Salute to Veterans", November 2013
- ◆ Approved 8 CfNN-funded Pilot Projects totaling \$202,400
- ◆ 30 IRB approved research studies associated with CfNN

IMPORTANT DATES:

- October 1, 2014
Beginning of Fiscal Year 2015

MEETING DATES:

- October 8, 2014 12:00PM
IRB Mtg.
- October 14, 2014 4:00PM
CfNN Executive Council Mtg.
- October 28, 2014 4:00PM
CfNN Leadership Mtg.
- October 29, 2014
12:00 PM R&D Mtg.
- November 4, 2014 4:00PM
CfNN Executive Council Mtg.
- November 14, 2014 9:30AM
Focus Area 4 Mtg. at the
PVAMC Bldg. 32

APPROACHING DEADLINES:

- October 31, 2014 Annual
Report Info due to Nancy
Gilbride
- November 1, 2014 RR&D for
Merit or Career Development
- November 1, 2014 HSR&D
Intent to Submit (ITS) for
Merit Award

If you are planning to submit please contact:
Candace M. Shuman, Grants
Manager, at 401-273-7100
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PRESENTATION OF RESEARCH RESULTS—ACKNOWLEDGEMENTS AND AFFILIATIONS

The Veterans Health Administration (VHA) Handbook (1200.19) establishes procedures, assigns responsibilities, and specifies authority for ensuring that the contributions of the Department of Veterans Affairs (VA) to research are appropriately acknowledged and publicly disclosed. For the complete directive see [VHA Handbook 1200.19](#). Copies can also be obtained from Nancy Gilbride.

In addition to fulfilling all acknowledgement requirements for Presentation of Research Results as outlined in VA Handbook 1200.19, C/NN—affiliated authors should also list C/NN in their affiliations on the author line. Here is an example of a complete affiliation and acknowledgement:

Note, in the example below,

- Dr. Awesome is a VA-employed researcher;
- Soon -to-be Doctor Better is a WOC, and
- Dr. Competent is not affiliated with the VA

Effect of Caffeine Intake on Neurorestoration Executive Council Meetings

Awesome, AA^{1,2}; Better, BB^{3,1}; and Competent, CC^{2,3}.

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Abstract

Introduction

Methods

Results

Discussion

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Providence VA Research Service SharePoint

Have you visited the Research Service SharePoint?

Many HR forms, SOPs, calendar events, and other great resources are there. It is also where to find all of the documents required for IRB protocol submissions. This site is a collaborative effort among the Research Service and is accessible only from within the PVAMC network (right click to open hyperlink): <https://vaww.visn1.portal.va.gov/providence/RESEARCH/default.aspx>

