Welcome to the first Clinical and Translational Neuroscience newsletter of 2019! This month we’ll let you know about new funding opportunities and highlight events of interest. Please visit our program area pages for the latest news and grant opportunities. And as always, if you have an item to share with the neuroscience community at Illinois, we would be happy to feature it. Items can be submitted to Gillian Snyder, IHSI research development manager.

ILLINOIS MULTIPLE SCLEROSIS RESEARCH DAY APR. 16 | REGISTRATION NOW OPEN

Professor Jacob Sosnoff, Director of the Motor Control Research Lab (MCRL), and IHSI invite you to attend an upcoming conference that will showcase the breadth and quality of Multiple Sclerosis (MS) research on the Illinois campus. The Illinois Multiple Sclerosis Research Day will be held Tuesday, April 16, 2019, at the I Hotel. It will serve as the first public announcement of the Illinois MS Research Collaborative.

The conference will engage researchers, faculty, and students from various units; campus leaders; persons living with MS; local clinicians; pharmaceutical representatives; and other external collaborators. The conference will feature various opportunities for engagement including lightning talks, student research posters, MS research participant panel, and more. Dr. Kathy Zackowski, Senior Director of Patient Management, Care, and Rehabilitation Research at the National MS Society, will present about the
Society's research priorities and future direction of MS research. This is a great opportunity to understand how to shape our collective research at Illinois and maximize our impact. Registration for both the conference and for the opportunity to present a poster at the event is now open.

AGENDA AND ADDITIONAL DETAILS COMING SOON!

HELPING TO END ADDICTION LONG-TERM INITIATIVE

In April 2018, NIH launched the HEAL (Helping to End Addiction Long-term) Initiative, an aggressive, trans-agency effort to speed scientific solutions to stem the national opioid public health crisis. This Initiative will build on extensive, well-established NIH research, including basic science of the complex neurological pathways involved in pain and addiction, implementation science to develop and test treatment models, and research to integrate behavioral interventions with Medication-Assisted Treatment for opioid use disorder.

Over the past year, NIH has worked with experts from public and private organizations to identify the areas that would most benefit from focused efforts by NIH alone or in partnership with outside organizations. There are a range of funding opportunities in this area.

VISIT THE NIH HEAL INITIATIVE WEBSITE

ALZHEIMER'S DISEASE RESEARCH FUNDING FROM THE NIH

The NIH hereby notify Program Directors/Principal Investigators holding specific types of NIH research grants listed in the full Funding Opportunity Announcement that funds may be available for administrative supplements to meet increased costs that are within the scope of the approved award, but were unforeseen when the new or renewal application or grant progress report for non-competing continuation support was submitted.

The participating Institutes and Centers (ICs) are inviting applications to expand existing awards in these ICs that are not currently focused on Alzheimer’s disease and its related dementias (ADRD) to allow them to develop a focus on ADRD. Active awards with project end dates in FY 2020 or later are eligible. As administrative supplements the work proposed needs to be within the scope of the research or training that is already supported. Center awards and resource awards are most likely to be able to justify these supplements as they tend to have a broad content scope. Some research grants will also qualify if the current research is on a related topic (such as cognitive decline in aging; caregiving; the biology of neurodegeneration; genetics; imaging; computational methods; pain perception; or biostatistical tools that have application to research on Alzheimer’s and its related dementias).

VIEW THE FOA
PROGNOSING AND MONITORING CONCUSSIVE SYMPTOMS IN ADOLESCENTS

The National Institute of Neurological Disorders and Stroke (NINDS) intends to promote a new initiative by publishing a Funding Opportunity Announcement (FOA) to solicit applications for research on discovering validating biological measures to be used for assessing, prognosing, and monitoring recovery of adolescents who either clinically present with or are at risk for developing prolonged/persistent concussive symptoms following exposure to repetitive head impacts and/or concussion. These biological measures should then be incorporated into risk stratification algorithms to inform clinical care and patient stratification for future clinical trials. A key component of this FOA will be the broad sharing of clinical, neuroimaging, physiological, and biospecimen data to further advance research in the area of persistent concussive symptoms in early and middle adolescent (EMA; ages 11-17 years old) populations.

This Notice is being provided to allow potential applicants sufficient time to develop meaningful collaborations and appropriate projects.

The FOA is expected to be published in February 2019 with an expected application due date in April 2019. This FOA will utilize the NIH Specialized Center Cooperative Agreement (U54) activity code.

VIEW DETAILS OF THE PLANNED FOA

ANALYSIS OF PUBLIC USE DATASETS FROM THE ADOLESCENT BRAIN COGNITIVE DEVELOPMENT STUDY

The Adolescent Brain Cognitive Development (ABCD) Study is collecting data on health and mental health, cognitive function, substance use, cultural and environmental factors, and brain structure and function from youth, starting when they are 9-10 years-old and following them longitudinally to early adulthood. These data will be made available to the scientific community through the NIMH Data Archive. The purpose of these Funding Opportunity Announcements (R01, R21) is to encourage applications proposing the analysis of this public use dataset to increase knowledge of adolescent health and development.

VISIT THE ABCD STUDY WEBSITE

CLINICAL & TRANSLATIONAL NEUROSCIENCE IN THE NEWS

Researchers at Illinois advance work in clinical and translational neuroscience, addressing complex and critical challenges. Here, we highlight recent research news:

01.04.19 Environmental greenness may not improve student test scores, study finds
01.02.19 Baby Birds Can Recognize Parents' Songs While Still In The Egg

12.19.18 Study links nutrient patterns in blood to better brain connectivity, cognition in older adults

12.03.18 Illinois Researchers to Develop Neural Probe for Monitoring Brain Chemistry

IMPORTANT DATES AND DEADLINES

- Illinois Multiple Sclerosis Research Day — Registration closes April 15, 2019

Contact Gillian Snyder, IHSI research development manager, at 217-300-6709 or gcooke@illinois.edu if you have a calendar item or event to share.