American Delirium Society 2019 Annual Meeting

We're looking forward to a busy and productive 9th annual American Delirium Society meeting in beautiful Boston in just a few short weeks. We're excited about connecting with NIDUS friends and fellow delirium researchers at our NIDUS pre-conference and throughout the conference.

We'll have a dedicated NIDUS session on Monday, June 17, from 11:30 to 12:30, to show how NIDUS resources can help you advance your delirium studies or research project. (Arlington Room). NIDUS will also present two abstract sessions featuring research from former boot camp alums and pilot grant awardees on Monday. The sessions will take place in Berkeley / Clarendon from 1:45 to 2:45 and again from 2:45 to 3:45.

If you're reading this on or before May 31, you may still be able to register for the conference, space permitting. Our NIDUS pre-conference is at capacity, but we'll send out a summary of panel presentations and roundtable discussions in a future newsletter or e-blast.

Get all the details on the 2019
NIDUS News

New Delirium Measurement Resources
The Measurement and Harmonization team has completed harmonization of severity instruments! Several papers summarizing this work have recently been published or are in process (see the publications list below). Next, the team will begin harmonization of diagnostic and other case identification instruments. Check out the NIDUS website's Measurement and Harmonization pages and look for new brief screening tools (including UB-2) along with pediatric delirium measurement info cards and more great resources.

Submit your study to the Delirium Research Hub!
The Delirium Research Hub now has 192 studies. Help NIDUS reach 200 by encouraging colleagues to submit their data and resources to further the field. Our Research Hub includes new search features for better specificity of searches, and we’ve also introduced a new feature, the “Investigator Spotlight.”

Each month the Delirium Research Hub selects an investigator and research study included in the Delirium Research Hub to feature as a Spotlight Investigator. We aimed the first beam at Dr. Tanya Mailhot, PhD, RN for her study, “Evaluation of a Nurse Mentoring Intervention with Family Caregivers in the Management of Delirium (MENTOR_D)” which piloted a nursing intervention with family caregivers for delirium management following cardiac surgery. We thank her for her important work and research and for
Boot Camp Applications Due June 24

June 24 is the deadline for 2019 Delirium Boot Camp applications. The 7th Annual Delirium Boot Camp will be held October 27 – 29 at the Penn Stater Hotel and Conference Center, State College, PA. Delirium Boot Camp is an intensive two and a half day workshop on all aspects of delirium research, from study design and methodology to updates on current research in the field, to a practice grant review session. Learn more at our website and download the application here.

2020-2021 NIDUS Pilot Award Call for Proposals now open

Apply for a NIDUS Pilot Grant by November 7, 2019. The one-year pilot awards encourage innovative research by targeting priority areas of delirium investigation. At least two grants of $50,000 each (total direct costs) will be awarded. Indirect costs are supported. Awardees will be notified by March 1, 2020. Two application tracks are available: junior investigator track and established investigator track.

Congratulations to NIDUS 2019-2020 Pilot Grant Awardees!

NIDUS is thrilled to partner with a new group of researchers to further the field of delirium research. We look forward to sharing news about their studies and outcomes.

Colm Cunningham
Trinity College Dublin
Chemokine expression at the blood CSF barrier: investigating a causal role in acute cognitive dysfunction in a mouse model of delirium during dementia

Flavia C. Garcez
University of Sao Paulo
Effect of gut microbiota composition on delirium occurrence in acutely ill older adults: a prospective cohort study

Anne Donovan
University of California San Francisco
Development of a machine learning algorithm for the automated prediction
This month's featured Pilot Grant Awardee is the University of Exeter's Dr. Luke Pilling, a Research Fellow in Genomic Epidemiology.

Luke Pilling joined the Epidemiology and Public Health group at the University of Exeter in November 2010. The group's research focuses on conventional and biochemical risk factors of aging and age-related diseases.

Here's Luke describing goals for his study on genetic variation and predisposition to delirium:

"I aim to identify biomarkers that could be used to firstly identify people at increased risk of delirium episodes, and secondly determine whether these risk factors are likely to be causal. If the evidence supports a causal link between the biomarker and subsequent onset of delirium then clinical intervention could improve prognosis and quality of life in patients.

Our team at the University of Exeter have already found some evidence for a link between lower vitamin D levels increasing delirium risk, and this award from NIDUS allows us to take this research much farther."

NIDUS Career Development Webinar Series

Join NIDUS and Kirsten Fiest, PhD, on Thursday, June 20th,
Delirium Research: Lessons Learned from a Bootcamp Alumna. The webinar is targeted to Boot Camp Alums but open to all NIDUS friends and fellow researchers. Find the webinar here.

Dr. Kirsten Fiest is an Assistant Professor in the Departments of Critical Care Medicine, Community Health Sciences, and Psychiatry at the University of Calgary and the Director of Research and Innovation in the Department of Critical Care Medicine. She has a PhD in epidemiology and completed a postdoctoral fellowship in psychiatric epidemiology. Since joining the University of Calgary faculty in 2016, Dr. Fiest has received numerous peer reviewed grants and awards for teaching and mentorship. Her research program focuses on engaging critically ill patients and family members in research and care beyond the bedside.

New Publications


3. Ariba Khan, MD, MPH, Olga Boukrina, PhD, Mooyeon Oh-Park, MD, MS, Nina A Flanagan, PhD, GNP, Maharaj Singh, PhD, Mark Oldham, MD. Preventing delirium takes a village: systematic review and meta-analysis of delirium preventive models of care. Published online first May 10, 2019. doi: 10.12788/jhm.3212


Join NIDUS!

We encourage your mentees and colleagues to sign up and become a NIDUS member or just to receive our announcements/newsletter.

For more information on NIDUS, please visit our website.

Follow NIDUS on Twitter: @NIDUS_delirium

About NIDUS

NIDUS is a collaborative research network dedicated to spurring innovation and new advances in delirium research through development of new research and
measurement resources, training opportunities, pilot funding and dissemination of information. It is funded through an award from the National Institutes of Health/National Institute on Aging (grant no. R24AG054259).