November 2021 NIDUS Newsletter
Network for Investigation of Delirium: Unifying Scientists

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NIDUS II: A New Cycle
NIDUS II has now launched! During its first five years, NIDUS achieved so many milestones, which we outlined in a past newsletter. Now, we’re happy to announce NIDUS II!

So what’s the difference between NIDUS II and NIDUS I? NIDUS I was the first grant cycle where we built much of our infrastructure, and sponsored many pilot grants for junior investigators. NIDUS II is a new grant cycle that began in July 2021.

Although there are a few different aims and focus areas, the overarching goal remains the same: To support and establish a collaborative network to advance scientific research on the causes, mechanisms, outcomes, diagnosis, prevention, and treatment of delirium in older adults. NIDUS II
is still an inclusive resource for the worldwide delirium research community and remains an NIA-funded project. The new goal of NIDUS II is to use the NIDUS infrastructure to catalyze and complete collaborative research projects.

Below is a list of the NIDUS Cores and Task Forces:

- Delirium Research Hub
- Measurement & Harmonization
- Pilot Awards & Innovation
- Mentorship & Career Development
- Dissemination & Blog

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**9th Annual NIDUS Delirium Boot Camp**

The 2021 NIDUS Delirium Boot Camp focused on the inter-relationship between delirium and ADRD was held on November 8 and 9, 2021. Founded in 2013, the 2021 Boot Camp, co-directed this year by Jan Busby Whitehead MD and John Devlin PharmD, and supported by the NIA (R13185760), brought together 12 diverse researcher mentees from various professions and clinical settings along with 4 junior faculty (prior Boot Camp alums) and 16 senior faculty researchers. Due to ongoing COVID-19 concerns, the 2021 Boot Camp was held virtually.

Over two days, senior faculty presented a number interactive delirium research-related didactic presentations, moderated networking sessions, provided CAM training, and facilitated a NIH-style mock review session where another mentee and two faculty who reviewed each research proposal, provided valuable feedback to the mentee.

Below are a few screenshots of this year’s Boot Camp. Also, for those who were unable to attend, we'll make the recorded webinars available on the NIDUS website in the coming weeks.

The 10th Annual NIDUS Delirium Boot Camp will be held in the fall of 2022 (date TBD). Applications will open in early 2022. Please check the NIDUS website for updated information on the 2022 Boot Camp.
2021 Boot Camp co-directors: Jan Busby Whitehead MD and John Devlin PharmD

A 2021 NIDUS Boot Camp Mock Study session

Delirium Assessment Practicum: CAM, 3D-CAM, UB-CAM
Edward R. Marcantonio, M.D., S.M.
Professor of Medicine
Beth Israel Deaconess Medical Center
Harvard Medical School
NIDUS Bootcamp 2021
NIDUS January Webinar - Career Development Award Research Mentoring Session

Our next webinar will feature Dr. Thomas M. Gill, Dr. Esther Oh, and Dr. Nicholas Reed. This session’s Moderator/Discussant will be Dr. Jan Busby Whitehead. Register via Zoom link below. All NIDUS webinars are free!

When: Wednesday, January 26, 2022, 2:00pm - 3:00pm EST

Detailed Agenda

- **2:00-2:20**: Developing a Successful Career Development Award (Dr. Thomas M. Gill)
- **2:20-2:40**: Career Development Awards: A Story of Success (Dr. Esther Oh & Dr. Nicholas Reed)
- **2:40-3:00**: Q&A; Discussion moderated by Dr. Jan Busby Whitehead

Registration Link:
link: https://zoom.us/meeting/register/tJUrcu2tqzwiEtVCxx1LXDx8lw7Hd78cv5lS

Phone: +13126266799
Meeting ID: 916 5455 7881
Passcode: 129336

Check Out the NIDUS Blog

The NIDUS Blog features posts on a variety of topics related to delirium research with a focus on the core NIDUS II aims. Many blogs are authored by NIDUS Bootcamp alums. The latest blog post features Colm Cunningham, PhD, and his study *Brain Vulnerability, Inflammation, and Energy Metabolism in Animal Models*. New Blogs are posted monthly. If you haven’t already, we encourage you to check out the NIDUS Blog.
Other NIDUS Communications

In addition to the NIDUS Blog, we offer regular updates on delirium-related news, events and research through social media, our email listserve, and newsletters.

- **Email Listserve** - Subscribe to our email list for regular updates delivered straight to your inbox.
- **Newsletters** - Find previous editions of NIDUS newsletters on our website.
- **Social Media** – For all the latest updates, follow NIDUS on Twitter (@nidus_delirium).

If you’re interested in contributing to NIDUS communications with a blog post, newsletter item, or social media post, [contact us](#).

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Delirium Measurement Info Cards

If you’ve ever used a delirium measurement tool, you might know that they vary considerably. Although there is a wide variety of instruments for screening, it can be difficult to choose the most appropriate tool for your practice or research.

In response, we created [Delirium Info Cards](#) (see sample below). These cards provide a standardized summary of commonly used delirium measurement tools to assess delirium. There are two Info Card collections for use in both ICU and non-ICU settings:
**Adult** - Includes 34 assessment tools for delirium screening, diagnosis, or severity, and 5 brief screening tools

**Pediatric** - Includes 5 pediatric delirium screening or diagnostic tools

These measurements come from a systematic review and a 2017 online survey*. As a result, they contain information from each instrument’s original validation study.

Not seeing what you need in this measurement list? Submit information about a
Current Research Priority Areas

NIDUS is designed to help accelerate scientific discovery in the field of delirium. As a central program for all researchers interested in delirium, NIDUS provides resources for conducting research. Below are NIDUS’ four Research Priority Areas:

1. **Inter-Relationship of Delirium and ADRD**: studies on risk factors, pathophysiology, and treatment.

2. **Measurement of Delirium**: Harmonization and refinement of measurement, with a goal towards unified assessment.

3. **Pathophysiology**: Biomarker and mechanistic studies to advance our understanding and identify therapeutic targets.

4. **Clinical Trials**: Intervention Development studies for future clinical trials, especially of treatments for delirium

NIDUS Published Papers

**Measurement Core:**

**Ancillary Studies:**


**Pilot Studies:**


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Join NIDUS!

Thanks to all who have signed up to become a NIDUS member or to receive our announcements and newsletters.

NIDUS is always looking to reach new audiences – please forward this newsletter to a colleague or mentee!

For more information on NIDUS
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. R33AG071744).

Find Out More

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