



NIDUS

Network for Investigation of
Delirium : Unifying Scientists

July 2022 NIDUS Newsletter

Network for Investigation of Delirium: Unifying Scientists

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Apply to attend the 2022 NIDUS Delirium Boot Camp

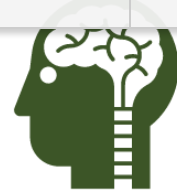
Our 10th Annual NIDUS Delirium Boot Camp ***"Building Blocks to Clinical Trials"*** will take place Sunday, November 13 to Tuesday, November 15, 2022 at the University of North Carolina-Chapel Hill.

Applications for the 2022 Boot Camp are due **July 22, 2022 at 5pm EST**.

Visit the [NIDUS Delirium Boot Camp page](#) to download and complete the 2022 NIDUS Boot Camp Application today. Or scan the QR code below for additional information.



2022 DELIRIUM BOOT CAMP



November 13-15, 2022

The University of North Carolina at Chapel Hill

**Application deadline:
July 22, 2022 at 5pm EST.**



Highlights from the 2022 American Delirium Society (ADS) Annual Meeting

From June 12 to June 14, 2022, members of the NIDUS II team gathered in Indianapolis, IN for the annual American Delirium Society's Annual Meeting. Those in attendance at this year's ADS meeting included:

- Dr. Sharon K. Inouye, MD, MPH, Harvard Medical School, MA (NIDUS II Multi-Principal Investigator)
- Dr. Richard N. Jones, ScD, Brown University, RI (NIDUS II Multi-Principal Investigator)
- Dr. Jan Busby-Whitehead, MD, UNC School of Medicine, NC
- Dr. John Devlin, PharmD, Northeastern University, MA
- Dr. Edward Marcantonio, MD, SM, Harvard Medical School, MA
- Dr. Eva Schmitt, PhD, Harvard Medical School, MA



NIDUS II Multi-PIs Dr. Sharon Inouye and Dr. Richard Jones

NIDUS II Scientific Advisory Board Meeting

On June 12, the NIDUS II Scientific Advisory Board (SAB) met and received an annual update for each NIDUS II core from each leader as well as an annual update from the NIDUS Boot Camp. Members of the SAB, the NIDUS II Investigators, and Drs. Luci Roberts, Molly Wagster, and Susan Ziemann from the NIA attended this meeting.

Dr. Sharon Inouye and Dr. Richard Jones began with an overview of NIDUS II. This included NIDUS II's structure, cores, timeline, and benchmarks. Each core leader then gave a progress update for Year 1:

- **Harmonization Core** - Dr. Jones highlighted the new crosswalk/harmonization tool for delirium identification measures on the NIDUS website. He also detailed a harmonization project currently underway with Dr. Miles Berger at Duke University.
- **Research Resource Core** - Drs. Edward Marcantonio and Thomas Trivison presented the Research Hub, a searchable online delirium research tool. They also talked the Animal Research Hub, which launched in June 2021.
- **Pilots & Exploratory Studies Core** - Drs. Michael Avidan and Sharon Inouye gave updates on the Pilots Core, which received 20 Letters of

be announced in Summer 2022.

- **Career Development & Outreach Core** - Drs. Jan Busby-Whitehead and John Devlin described NIDUS II's Dissemination network which consists of email, social media, and the NIDUS website. They also highlighted the Core's quarterly newsletters, monthly blog posts, and the delirium webinar series.
- **NIDUS Delirium Boot Camp** - Drs. Devlin and Busby-Whitehead also reviewed last year's Boot Camp and spoke about the upcoming November 2022 Boot Camp.

Statistical Consultation Roundtable for Junior Investigators

Dr. Richard Jones co-moderated a session entitled 'Statistical Consultation Roundtable for Junior Investigators'. Joined by Dr. Elizabeth Colantuoni, PhD (Bloomberg School of Public Health, Johns Hopkins University, MD) and Dr. Michael Harhay (PhD, MPH, Perelman School of Medicine, University of Pennsylvania, PA), the trio invited participants to pose statistical questions in an informal setting.



Dr. Richard Jones (L) moderating the Statistical Consultation Roundtable

Moderated by Dr. Luci Roberts (PhD, National Institute on Aging, MD), this session covered the basics of NIDUS II. Dr. Sharon Inouye, one of NIDUS II's two multi-PIs, began with an overview entitled 'What NIDUS II Can Do for You.'

Dr. Richard Jones, NIDUS II's other multi-PI, continued by presenting the NIDUS II Measurement Core: Harmonization of Delirium Measures with recent harmonization updates between the SAGES and Duke INTUIT/MADCO PC Studies. Lastly, Dr. Niccolo Terrando (DREAM Group, Duke University) explained the NIDUS II Animal Models Working Group.



Dr. Sharon Inouye, presenting an overview of NIDUS II

NIDUS Oral Abstract Presentations

During the two-day conference, several investigators who were graduates of the NIDUS Boot Camp or who had received NIDUS PILOT funding presented their research in NIDUS oral abstract sessions.



Session co-moderator Dr. John Devlin kicking off the first round of NIDUS oral abstracts

Oral Abstracts: Round 1

The first round of oral abstract presentations was moderated by Drs. John Devlin and Edward Marcantonio:

- **Dr. Michael Devinney**, MD, PhD, Duke University, NC - *Pre- and Postoperative CSF Proteomic Signatures of Postoperative Delirium*
- **Dr. Thiago J. Avelino-Silva**, MD, PhD, Division of Geriatrics, University of Soa Paulo Medical School - *Association of Gut Microbiome and Delirium in Acutely Ill Older Adults*
- **Dr. Ting Ting Wu**, PharmD, Northeastern University, MA - *Pre-ICU Anxiety and Depression and Risk of Delirium in Critically Ill Adults*
- **Dr. Jessica Ruck**, MD, Johns Hopkins School of Medicine, MD - *Characterization of ICU Delirium Among Liver Transplant Recipients*



Session co-moderator Dr. Edward Marcantonio (L) and NIDUS oral abstract presenter Dr. Ting Ting Wu (PharmD, Northeastern University, MA)

Oral Abstracts: Round 2

Drs. Jan Busby-Whitehead and Richard Jones moderated the second NIDUS oral abstract session:

- **Dr. Annmarie Hosie**, PhD, RN, University of Notre Dame Australia and St. Vincent's Health Network, Sydney, Australia - *A Feasibility Study of a Non-pharmacological Delirium Prevention Intervention for Hospitalized Māori and non-Māori with Advanced Cancer*
- **Dr. Shih Yin Lin**, MM, MPh, PhD, NYU Rory Meyers College of Nursing, NY - *Expression of Behavioral and Psychological Symptoms of Dementia With and Without Concomitant Delirium*
- **Dr. Thiago Avelino-Silva**, MD, PhD, University of Sao Paulo, Brazil - *Fog Ahead: Delirium and Post-discharge Cognitive Impairment in Severe COVID-19*
- **Dr. Natalia Jaworksa**, MD, MSc, University of Calgary, Canada - *A Scoping Review of Perceptions from Healthcare Professionals on Antipsychotic Prescribing Practices in Acute Care Settings*



Dr. Annmarie Hosie presenting her oral abstract; Seated at right is session co-moderator Dr. Jan Busby-Whitehead

NIDUS Pilot Award Research Presentations

Drs. John Devlin and Pratik Pandharipande moderated the NIDUS Pilot Award Research Presentations:

- **Dr. Joseph Hippensteel**, MD, University of Colorado School of Medicine, CO - *Potential of α -amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid Receptors (AMPA) by Highly-sulfated Chondroitin Sulfate: a Novel Contributor to Sepsis-associated Delirium*
- **Dr. Kimberly Oosterhouse**, PhD, RN, Loyola University, Chicago, IL - *Computable Phenotyping of Delirium: Analyzing the Unstructured Data*



Dr. Pratik Pandharipande, co-moderator of the NIDUS Pilot Award Research Presentations

Visit 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. Most blogs are authored by NIDUS Boot Camp alumni and Pilot Grant Awardees.

The latest blog post by Leah Acker, MD, PhD is entitled ["Do more complex brain electrical signals protect against post-operative delirium?"](#)

NIDUS posts new Blogs at least monthly. We encourage you to regularly check for new NIDUS Blog posts.

**NIDUS**
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Welcome to the NIDUS Blog

Monthly posts on new topics in delirium research

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Delirium Research Hub Spotlight: Colm Cunningham, PhD

Posted on November 4, 2021 by nidus_delirium

Every few months, the Delirium Research Hub selects an investigator and research study included in the Delirium Research Hub to feature as a Spotlight Investigator. This month, we are featuring Dr. Colm Cunningham for his study "Brain Vulnerability, Inflammation, and Energy Metabolism in Animal Models". His research focuses on the role of systemic inflammation on [...]

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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. R33AG071744).

[Find Out More](#)



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