



NIDUS

Network for Investigation of
Delirium : Unifying Scientists

July 2024 NIDUS Newsletter

Network for Investigation of Delirium: Unifying Scientists

- [Highlights from ADS 2024](#)
- [Dr. Michael Devinney Receives Silverstein Memorial Award](#)
- [Apply for the National Clinician Scholars Program](#)
- [The Latest NIDUS Blog Post](#)

Highlights from the 2024 American Delirium Society (ADS) Annual Meeting

Last month, members of the NIDUS II team gathered in Sacramento, CA from June 9 to June 11 for the Annual ADS Meeting. Those in attendance included:

- Dr. Sharon K. Inouye, MD, MPH, Harvard Medical School (NIDUS II Multi-Principal Investigator)
 - Dr. Richard N. Jones, ScD, Brown University (NIDUS II Multi-Principal Investigator)
 - Dr. John Devlin, PharmD, Northeastern University
 - Dr. Edward Marcantonio, MD, SM, Harvard Medical School
 - Dr. Eva Schmitt, PhD, Harvard Medical School
 - Dr. Fritz Sieber, MD, Johns Hopkins School of Medicine
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This year's plenary session was delivered by NIDUS PI Dr. Edward Marcantonio. He is the leader of the NIDUS Research Core and an internationally recognized expert and clinical delirium investigator.



Dr. Marcantonio is also the Section Chief for Research in the Division of General Medicine and Primary Care at BIDMC, and Professor of Medicine at Harvard Medical School.

NIDUS Oral Abstract Presentations

During the conference, several investigators presented oral abstracts on their research in two separate NIDUS sessions. Each of these presenters is either a NIDUS Boot Camp graduate or has received NIDUS PILOT funding.

Oral Abstracts: Round 1

Drs. Ed Marcantonio and Tamara Fong moderated the first round of presentations. The following delirium investigators presented their research:

- **Blair Golden, MD, MS** - University of Wisconsin, *Public Knowledge of and Attitudes Towards Delirium: Determining Targets for Patient and Family Education*
- **Rachel Skains MD, MSPH** - University of Alabama Birmingham, *Risk of Delirium Among Older Adults with Potentially Inappropriate Medication Administration in the Emergency Department*
- **Benjamin Chapin, MD** - University of Florida, *Visual Attention as a Predictor of Postoperative Delirium*
- **Annmarie Hosie, PhD, RN** - University of Notre Dame Australia, *Driving Quality in Delirium Care in Palliative Care: the MODELPC Study*



Presenters from the second oral abstract session. Pictured from L to R: Matthew Ning, Lauri Lee, Shawniqua Williams Roberson, Kelly Potter

Oral Abstracts: Round 2

Drs. John Devlin (NIDUS PI) and Ben Palanca moderated the second NIDUS oral abstract session featuring the following investigators:

- **Kelly Potter PhD, RN** - University of Pittsburgh Medical Center, *Evaluating the Quality of Delirium Discussions During Interprofessional Rounds in the Intensive Care Unit*
- **Lauri Lee, MN, NP** - Cumming School of Medicine, University of Calgary, *Caregiver's Perceptions of Delirium and the Utility of a Formal Family Administrated Delirium Assessment in Critically Ill Children*
- **Shawniqua Williams Roberson MEng, MD, MSCI** - Vanderbilt University Medical Center, *Using Brain Oscillatory Changes to Identify Delirium or Coma in the Oldest Old: Does Dementia Play a Role?*
- **Matthew Ning, PhD** - Beth Israel Deaconess Medical Center, *Prediction of Post-Operative Delirium in the Elderly from preoperative Cognition and resting-state EEG*



Dr Kelly Potter presenting during the second NIDUS oral abstract session.

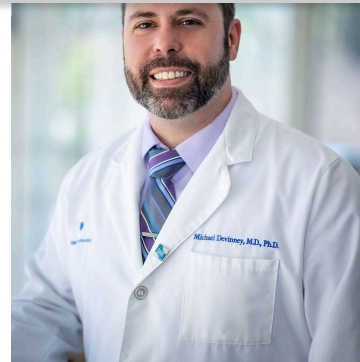
NIDUS Pilot Awardee Presentations

Drs. Fritz Sieber and Eyal Kimchi moderated a session which featured the following [NIDUS Pilot Grant awardees](#):

- **Heidi Lindroth, PhD, RN** - Mayo Clinic, *An Artificial Intelligence Model for Predicting Delirium in the Intensive Care Unit*
 - **Thiago Avelino da Silva, MD, PhD** - University of California San Francisco, *Neuropathological Correlates of Delirium in Older Adults: Foundations and Justifications of a Postmortem Case-Control Study*
 - **Allyson Palmer, MD, PhD** - Mayo Clinic, *Cellular Senescence: A Predisposing Factor for Delirium?*
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Dr. Michael Devinney Receives Silverstein Memorial Award

Devinney recently received the 2024 Silverstein Memorial Award for Emerging Investigators in the Surgical and Related Medical Specialties. The award recognizes health care researchers who are committed to careers in aging. Dr. Devinney is an Assistant Professor of Anesthesiology at Duke University and is a Board certified anesthesiologist.



[Read the full announcement and learn more about Dr. Devinney's research.](#)

Applications for NCSP Due Monday, July 15

The National Clinician Scholars Program (NCSP) offers physicians and doctorate-trained nurses an innovative two-year, postdoctoral interprofessional training program. Applications are due Monday, July 15, 2024. Admitted applicants will enter the program in July 2025. [Learn more and apply here.](#)

ADVANCING HEALTH AND HEALTHCARE THROUGH SCHOLARSHIP AND ACTION

The NCSP is an innovative two-year, postdoctoral interprofessional fellowship in health services research and leadership development for nurses and physicians.

We train change agents.

APPLICATION DEADLINE: JULY 15, 2024

Scan the code to learn more and apply, or visit nationalcsp.org/apply





Clinical EEG Findings in Stroke Patients with Delirium

In the latest NIDUS blog post, Noa Mintz and Dr. Mike Reznik highlight the utility of EEG biomarkers in the diagnosis of post-stroke delirium given the



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Blog

Prevalence of clinical electroencephalography findings in stroke patients with delirium

Noa Mintz, ScB

Fellow, Cognitive Neuroscience, Brown University

Michael Reznik, MD

Department of Critical Care Medicine & Neurology,
University of Pittsburgh

<https://deliriumnetwork.org/blog/>



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

Please visit our [website](#) for more information or 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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