NIDUS Happy Hour

Launching Collaborations!
Agenda

- Goals of Happy Hours
- Introductions
- Overview of NIDUS resources
- Forming a collaborative working group: Benefits and potential
- Requirements for pilot awards
- Q&A/Open Discussion
- Questions in Chat!
The goal of the NIDUS Happy Hours are to catalyze collaborative working groups who will work together to design projects and to compete for the NIDUS II Pilot Awards.

During the happy hour we will:

• Overview the NIDUS resources and how researchers can utilize them to accomplish their work,
• Review requirements for NIDUS pilot proposals, and
• Create a forum to enhance and launch new collaborations.
• Your Name, Organization, Role
• What area of delirium research are you interested in pursuing with potential collaboration?
Why form a collaborative group?

- Meet like-minded investigators working in related areas
- Advance your work and develop innovative projects to move forward
- Complete pilot studies to help launch future grants and papers
- Compete for **NIDUS II Collaborative awards** due Nov. 15, 2021 (for collaborative group members only)
- Bring together a group to apply for a NIDUS II Pilot award... due April 1, 2022
Using NIDUS Resources to Advance your Research
What are some NIDUS Resources?

- Delirium Research Hub
  - Human hub: > 700 indexed studies
- Animal hub: >100 indexed studies
- Collaboration Communication Site
- Measurement information cards and harmonization tools
- Pilot Award funding
Building connections and collaborations using NIDUS:

• Enter your study into the NIDUS Research Hub to help other researchers find you—potential collaborators and shared resources.
• Use the Research Hub to search for similar studies or find investigators willing to share data, resources, samples!
• Find contact information for delirium investigators working in related areas of interest.
• The NIDUS collaboration communication site is a great resource to identify collaborators, or locating other datasets of interest, or discovering studies for harmonization!
  • Sign up for the site here: https://deliriumnetwork.org/delirium-research-hub/collaboration-communication-site/
• Real-life example: Find collaborators for a biomarker validation study
  1. Search on the Delirium research hub, customize search strategy using the “Customize Table Columns” function
     • Can search for studies that included biomarkers
  2. View the project abstract to determine if the study relevant
  3. Export relevant studies to CSV file using the “Export Selected Study Information” button
  4. Create email ‘hit’ list using contact information from the studies
  5. Enter your study on the hub so other investigators looking for collaborators can find you and your study
  6. Post on the Collaboration Communication Site

• Watch full demo of use here: https://deliriumnetwork.org/career-development/webinars/
• Measurement Info Cards:
  • Includes >45 screening, diagnostic, and severity measures.
    • 35 adult instruments
    • 5 brief screening tools
    • 5 pediatric instruments
  • Updated COSMIN quality ratings on all info cards

• Delirium Severity Measure Summary Table (Systematic Review)
  • Summary information on 14 delirium severity measures such as number of items, approximate
    time to administer, certification or training required, and notes on background for development of
    the scale.

• Delirium Severity Measure Crosswalk/Harmonization Tool
  • A score conversion tool for 3 delirium severity instruments - the CAM-S, DRS-R-98, and MDAS.

• Delirium Severity Measure Symptom Coverage Table
  • Compares 17 commonly-used delirium severity measures by symptoms included in each measure.

• Coming soon: Delirium Item Bank, Measurement Tool Crosswalk software
  (GitHub)
• Quickly search the delirium literature with access to full abstracts:
  • > 4,000 key-word indexed delirium articles
  • Updated monthly by the NIDUS team
  • Abstracts are linked to Pubmed or full PMC text when available

https://deliriumnetwork.org/bibliography/
Building connections and collaborations:

• Annual NIDUS Delirium Boot Camp, a 2.5 day-long intensive workshop encompassing all aspects of delirium research, from study design & methodology to a practice grant review session.
  • View previous boot camp lectures here: https://deliriumnetwork.org/career-development/

• American Delirium Society Annual Meeting
NIDUS II Collaborative Awards

Compete for NIDUS II Collaborative Awards (10 to be offered!): one-page letters of intent are due **November 15, 2021**

- **Letter of Intent (LOI) requirements:**
  - NIDUS II focus area
  - Collaborative Group (see pilot details)
  - Use NIDUS cores and resources
  - Leading to larger study or grant
  - Letters of intent must be submitted by a single principal investigator.

- Ten $1,000 NIDUS II Collaborative Awards will be awarded based on LOI

- Link for more information: [https://deliriumnetwork.org/pilots/nidus-ii-pilots-loi/](https://deliriumnetwork.org/pilots/nidus-ii-pilots-loi/)
NIDUS II Pilot Studies Overview
Goal of NIDUS II Pilot Studies

These Awards are designed to support studies related to delirium that provide key preliminary data, exploratory or proof-of-concept pilot work, feasibility studies, or secondary analyses that define a clear pathway to future large-scale studies and grants.

In NIDUS II Priority Areas....
1. Inter-Relationship of Delirium and ADRD: studies on risk factors, pathophysiology, and treatment.


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.
Example Studies: IDEAS

- Risk of incident dementia following delirium from different etiologies or settings.
- Cross-validation of biomarkers across studies.
- Systematic reviews or meta-analyses of related studies on delirium (e.g., risk factors, prognosis, treatment).
- Comparison of delirium measures across multiple studies.

These are just a few examples: Many other studies are possible!
1. Must address NIDUS II priority areas
2. Utilization of NIDUS II resources and infrastructure is essential.
3. The work funded by the grant should be conceived such that it is intended to lead to a large independent (federal or other) grant (e.g. R01, U mechanism, PCORI, NSF, etc.).
Examples of using NIDUS resources to developing a pilot study:

- Assemble a team – Utilize NIDUS Collaboration Communication site
- Develop a protocol -- NIDUS Delirium Bibliography
- Data/specimen sources-- NIDUS Research Hub
- Data Collection/Synthesis of data—NIDUS Measurement Core
- Develop the pilot—Collaborative Working Group!!
Requirements for NIDUS Pilot Proposals

$40,000: two awards – Deadline April 1, 2022

• Required:
  • Approved pre-application (letter of intent)
  • NIDUS II methods consultation
  • Note: NIDUS II Collaborative award is NOT required to apply for a NIDUS II pilot grant
• Must complete 4-page brief NIH style proposal.
• Must focus on a NIDUS II priority area
• Must lay the groundwork for a future large grant or study
• Utilize the NIDUS Cores and resources to accomplish the work in substantive ways.
• Research from basic science to population health is eligible (i.e., research across the continuum [T0-T4])
• Involve up to 5 investigators from multiple disciplines, across 2-3 institutions (max 3 subcontracts).
• Preference for projects that include junior investigator(s).

*Indirect cost are available and cannot exceed HSL: indirect or F&A costs up to 60% (U.S. Institutions) or 8% (foreign institutions) are allowable.

Phase 1: Happy Hours

• Assemble a team – Utilize NIDUS Collaboration Communication site.
• Exploring the resources.
• Brainstorming the research.
Phase 2: Collaborative Working Groups and Awards

• Refine the research.

• Finalize the team.

• Submit Letter of Intent by Nov 15, 2021 (required)
  • https://deliriumnetwork.org/pilots/nidus-ii-pilots-loi/

• Be eligible for a NIDUS Collaborative Award
Phase 3: NIDUS II Pilot Award (due April 1, 2022)

• Prior Happy Hour participant and Collaborative Awards are helpful, but **NOT** required
• Approved Letter of Intent required
• NIDUS II Methods consultation required
• 4-page NIH-type proposal
• Must address NIDUS priority areas

The following considerations are important for pilot grants:

1. Interdisciplinary research teams are essential.
2. Specific NIDUS II research areas must be addressed.
3. There is a strong emphasis on diversity, equity, and inclusion if feasible. This applies to:
   a. Members of the transdisciplinary research team
   b. Research participants
4. Vetting and refinement process with methods consultation, and involving your colleagues and experts is recommended, increasing the likelihood of impact and success.
• Register here for upcoming Happy Hour sessions: https://redcap.link/f2d807t0.

• Sign up at NIDUS website https://deliriumnetwork.org/ to be informed of pilot grant application dates/deadlines.

• NIDUS delirium resources at: https://deliriumnetwork.org/ to help build connections with other delirium researchers.

• Reach out for help finding collaborators, building teams, and using resources.
We’re available to help build connections/schedule meetings

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Follow NIDUS online! Twitter: @nidus_delirium Facebook: NIDUSDelirium
Questions & Open Discussion