# NIDUS II Pilot Award Letter of Intent Information Session

**Presenter:** Frederick Sieber, MD

## Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Section</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>01:02</td>
<td><strong>Introductions</strong></td>
<td></td>
</tr>
<tr>
<td>01:56</td>
<td><strong>Introductions</strong></td>
<td></td>
</tr>
</tbody>
</table>
| 04:18 | **NIDUS II Pilot Studies Overview** | Goal: 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

**Priority Areas:**
- Inter-relationship of delirium and ADRD
- Measurement of delirium
- Pathophysiology
- Clinical trials—intervention development

| 06:01 | **Requirements for NIDUS Pilot Proposals** | Two awards of $40,000

**Required:**
- Approved pre-application (letter of intent)
- NIDUS II methods consultation
- Must complete 4 page brief NIH style proposal
- Must focus on a NIDUS II priority area
- Must lay 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)

| 08:02 | **The following considerations are important for pilot grants:** | Interdisciplinary research teams are essential

**Specific NIDUS II research areas must be addressed**
- There is a strong emphasis on diversity, equity, and inclusion if feasible. This applies to members of the transdisciplinary research team and research participants
- Vetting and refinement process with methods consultation, and involving your colleagues and experts is recommended, increasing the likelihood of impact and success

| 08:46 | **Review Criteria for NIDUS Pilot Grants** | Scored on NIH review criteria: Significance, Investigators, Innovation, Approach, Environment

**Relevance to aging and delirium research in a priority area**
- Feasibility/likelihood that the proposed study can be completed within one year
- Use of NIDUS Core resources (e.g. Measurement/Harmonization Core, Research Hub)
- Involvement of multiple disciplines
- Involvement of a junior investigator (optional)
- Commitment to diversity, equity, and inclusion
• Likelihood that the proposed study will lead to a future large grant proposal and/or major scientific publication that will help to advance delirium treatment

09:49 **Suggested Phase in Developing a Pilot**
- Phase 1: assemble a team (utilize NIDUS Collaboration Communication site), exploring resources, brainstorming the research
- Phase 2: refine the research, finalize the team, submit 1 page LOI (required), be eligible for a NIDUS Collaborative Award
  - NIDUS II Collaborative Awards
    - Ten $1,000 NIDUS II Collaborative Awards will be awarded based on LOI
    - These awards are intended to support and encourage development of future collaboration
- Phase 3: NIDUS II Pilot Award ➔ approved letter of intent required, NIDUS II methods consultation required, 4-page NIH type proposal, must address NIDUS Priority areas

12:08 **LOI Requirements**
- Must address NIDUS II priority areas and lay the groundwork for future collaborative paper and grant
- Utilize the NIDUS cores and resources to accomplish the work
- Must involve an interdisciplinary team of up to 5 investigators from multiple disciplines, across 2-3 institutions (max 3 subcontracts)
  - Senior investigators that can give in-kind support are encouraged—may be from another institution (if does not require payment/subcontract)
- Preference for projects that include junior investigator(s)
- Roles of each investigator involved must be clearly identified and distinct
- Investigators must be PhD, MD, or doctoral equivalent
- US citizenship not required
- There can be no overlap with other current applications. The same or closely related Aims should not currently have been submitted elsewhere (or planned for submission elsewhere)
- One page maximum
  - Overview: scientific rationale and innovation (200 words max)
  - Specific Aims and Hypotheses (100 words max)
  - Planned approach: brief summary (150 words max)
  - Significance: include how this project could lead to a future large project and/or grant (100 words max)
- NIH Biosketch for PI only
- Description of Collaborative Team (200 words max)
- Brief budget justification (200 words max) for description of how the $40,000 grant will be used. Budget must outline how project can be accomplished within the 40K budget

14:37 **Using NIDUS Resources for a Pilot Study**
- Assemble a team—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

15:48 **Overview of NIDUS Website/Resources (Nadya)**
- Guide table
- Research Hub
- Measurement Core
- Delirium Bibliography
- Collaborations (Boot Camp, ADS, webinars, research hub)

21:10 **NIDUS Information**
• Sign up and resources, link to website, contact info

Questions and Answers