NIDUS

BOOT CAMP DATES/TIMES:
- Sunday Oct 27, 2019 2:30 p. m. – Tuesday Oct. 29, 2019 3:00 p. m.

LOCATION:
- The Penn Stater Hotel and Conference Center, 215 Innovation Blvd, State College, PA 16803
  https://thepennstaterhotel.psu.edu | 814-863-5000

1. ELIGIBILITY CRITERIA

Please take a moment to determine if you are eligible to attend the 2019 Delirium Boot Camp. This Boot Camp is intended for persons with previous research training and experience. Faculty and research fellows who meet the following criteria are eligible to attend:
- Previous training in the fundamentals of clinical research
- At least 1-2 years of previous research experience
- Hold an MD, PhD, or other doctoral level degree (may consider strong advanced predoctoral candidates in this area)
- Interest and passion for delirium research
- Must have 50% protected time for research
- Once accepted, willingness to devote 8-10 hours of advance preparation time for the Bootcamp (beyond preparing the application and proposal)

Please contact *nidus@hsl.harvard.edu* with any questions about your eligibility or this application in general.

2. APPLICANT INFORMATION

First Name: _____

Last Name: _____

Institution: _____

Department: _____

Division/Unit: _____

Address: _____

City/Town: _____

State/Province: _____

Zip/Postal Code: _____

Country: _____

Email Address: _____

Phone Number: _____

3. GENDER, RACE AND ETHNICITY

Please indicate your gender:

☐ Male ☐ Female ☐ Prefer not to disclose

Please choose one or more races that you consider yourself to be:

☐ White or Caucasian

☐ Black or African-American

☐ Asian including Asian Indian, Chinese, Filipino, Korean, Vietnamese or other Asian

☐ American Indian or Alaska Native

☐ Native Hawaiian, Samoan or other Pacific Islander

☐ Other (please specify)

☐ Prefer not to disclose

Are you of Hispanic or Latino origin?

☐ YES ☐ NO ☐ Prefer not to disclose

4. MENTORSHIP

Do you have a mentor who will assist you with your research in delirium?

☐ YES ☐ NO

If yes, please provide your mentor's name, discipline, title(s), and institutional affiliation in the space below.

_____

_____

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_____

5. <u>ACADEMIC RANK</u> AND <u>DEGREE</u>, AND <u>YEAR RECEIVED</u>

Please indicate your terminal degree (MD, PhD or other doctoral degree, **and year received**)

_____

Please indicate your academic rank and years at rank (postdoc, instructor, assistant professor, associate professor, etc.) in the space below.

_____

_____

_____

6. FUNDING

Please indicate if you have any active research funding:

Name: _____

Title of grant: _____

Funding agency: _____

Years of funding: _____

Relationship to delirium research: _____

Name: _____

Title of grant: _____

Funding agency: _____

Years of funding: _____

Relationship to delirium research: _____

Name: _____

Title of grant: _____

Funding agency: _____

Years of funding: _____

Relationship to delirium research: _____

Name: _____

Title of grant: _____

Funding agency: _____

Years of funding: _____

Relationship to delirium research: _____

7. PROJECT PROPOSAL SUBMISSION – <u>required at the time of application</u>

As part of the application process applicants are **required** to submit a *mock pilot proposal* in order to be considered for the Boot Camp. Participants in previous years have reported this as the *most valuable* aspect of the Boot Camp and noted it provided a unique opportunity to engage in the proposal and review process. Please see below for more information the proposal requirements.

> **Mock Pilot Proposals:** "The mock pilot proposals will receive written scores and reviews from multiple faculty and peer reviewers, as well as feedback from the Mock Study Section and/or a 1:1 faculty consultation. This mock proposal may be for a basic, translational or clinical research project, or a QI/implementation project. All mock proposals will be reviewed using standard NIH criteria for grant review. The total page count for the mock pilot proposals should be 5 pages (of which 3 pages will be science) plus appendices. The proposal will include a study title and abstract, science, career development plan and research program plan. The appendix will include a reference list, applicant's NIH biosketch, mentor statement and mentor's biosketch, key research team members' NIH biosketches, resources and environment, budget justification, and timeline."
> **SEE Page 5 FOR PROPOSAL INSTRUCTIONS.**

Proposals <u>DO</u> need to be submitted <u>at the time of application</u> to the Boot Camp, by June 24, 2019, 5:00 pm EST. Proposals will NOT be accepted late.

8. BRIEF STATEMENT OF INTEREST

Please submit your NIH Biosketch (**maximum 5 pages**, new NIH format) along with a brief statement of interest, which should include:

    a. Prior research training (**max 100 words**)
    b. Research accomplishments related to delirium, aging, and/or cognition (**max 100 words**)
    c. Career Plans related to delirium, aging, and/or cognition (**max 100 words**)
    d. Your goals for attending the course (**max 250 words**)

Your statement of interest should be **no more than 550 words**.

9. TRAVEL AWARD

There are a limited number of travel awards available to Boot Camp attendees**.**

- Would you like to be considered for a travel award?   ☐ YES   ☐ NO

- If you are not awarded a travel grant, will you still be able to attend? ☐ YES   ☐ NO

10. COMPLETING YOUR APPLICATION

Email your complete application, including your statement of interest, NIH biosketch, grant proposal, and this completed form to nidus@hsl.harvard.edu.

- Please use the subject line: "*2019 Delirium Boot Camp Application.*"

- **Applications are due by 5:00 pm EST on Monday, June 24, 2019.**
  The application form and mock proposals <u>must be completed by this deadline</u>.

- If you do not receive confirmation of receipt of your application within 72 hours, please contact us.

- Applicants will be notified of acceptance status no later than August 5, 2019.

Mock proposals are considered as part of the application process. In addition, these proposals will be reviewed and discussed at the Boot Camp in order to provide constructive feedback to each applicant and are a critical part of this event. This is intended to give valuable feedback only – no proposals will be funded. We will give "awards" for best proposal.

PROPOSAL CRITERIA
1. Proposal must be focused on delirium research
2. Proposal must include the following sections:
    a. Study Title and Abstract (1/2 page max)
    b. Science (3 pages max)
        i. Specific aims/hypothesis
        ii. Importance of project for the candidate's career development
        iii. Background and significance
        iv. Research design and methods
            1. Study design
            2. Sample inclusion and exclusion criteria
            3. Statistical analyses
                a. Sample size and power considerations
        v. Study strengths and limitations
    c. Statement on Career Development Plans (1 page max)
    d. Statement on how applicant will grow a research program focused on delirium (1/2 page)
        i. How proposal will lead to future funding in delirium research
    e. Appendices
        i. Reference list
        ii. Applicant's NIH Biosketch
        iii. Mentor statement (1 page max) and Mentor's NIH Biosketch
        iv. Key research team members' NIH Biosketches
        v. Resources and Environment (1pg)
        vi. Budget justification (2 page max), including description and justification of research team
        vii. Timeline for pilot with quarterly milestones (specific objectives to be achieved in each quarter).

Note: A specific budget is not required as part of the submission, but we do ask that you submit a budget justification for an approximately $50,000 budget.

PROPOSALS WILL BE EVALUATED FOLLOWING NIH REVIEW CRITERIA BASED ON
1. Significance
2. Investigator(s)
3. Innovation
4. Approach
5. Feasibility
6. Environment
7. Career Development

SUBMISSION INSTRUCTIONS
Please submit your proposal in PDF format, with all elements included in a single file. Proposals should be in 11 point Arial font, with .05 inch margins on all sides. Please include a cover sheet containing the following information:
1. Your name
2. Your institution
3. Mentor(s) name and institution (if different from your own)
4. Contact information (email address, phone number, mailing address)
5. Title of project