MnDRIVE Graduate Fellowships in Neuromodulation

APPLICATION FOR THE 2015-16 FELLOWSHIP PROGRAM

Program Description
The University of Minnesota announces its MnDRIVE 2015-2016 fellowship program for graduate students pursuing research in the field of Neuromodulation. Neuromodulation is an emerging transdisciplinary field focused on treating neurological and neuropsychiatric disorders with technological interventions at the neural interface that are non-destructive, reversible, and adjustable. Neuromodulation research integrates basic science, engineering, and clinical disciplines to yield new insights into brain function and develop therapeutic innovations that include electrical, magnetic, optogenetic, and ultrasound technologies.

The program will support up to three graduate students in the basic sciences, engineering or clinical disciplines. Preference will be given to outstanding second- and third-year graduate students with strong undergraduate and graduate school records and thesis research focused on neuromodulation. Total support for each awardee is $40,000 per 12 months, which can be used to cover tuition, stipend, and fringe. The award is for one year.

Complete applications are due by February 1, 2015. Fellowship awards will be announced by March 15, 2015. Graduate Fellows are expected to start their fellowships by September 2015.

MnDRIVE – Discoveries and Treatments for Brain Conditions
This program is funded through the MnDRIVE (Minnesota Discovery, Research and InnoVation Economy) initiative, a landmark partnership between the University and the state of Minnesota. Discoveries and treatments for brain conditions; a MnDRIVE core area of research and partnership, addresses complex and debilitating brain-related disorders by leveraging university and state investments in medicine and engineering and extending our vibrant partnerships with medical device industries in Minnesota. For more information on MnDRIVE please visit: http://mndrive.umn.edu/

Criteria for Selection
Applicants will be selected based on academic record, current and future research productivity, and alignment with the goals of the MnDRIVE initiative. We seek outstanding graduate students with strong undergraduate and graduate school records whose thesis research is focused on neuromodulation. The University of Minnesota is an affirmative action/equal opportunity educator and employer.

Application Checklist
The application must include the following:
- Application form and 1 page statement of purpose,
- Curriculum vitae that includes previous education, honors/awards, research experience, publications, conference abstract titles, and patents (2 pages maximum).
- Confirmation letter from the applicant’s mentor that states the project title and confirms that s/he will mentor the applicant during the award period should the applicant receive a fellowship (1/2 page). Letter should be submitted separately to mnbc-fel@umn.edu no later than February 1, 2015.
- Recommendation letters (each letter should be no more than 2 pages). Applicants should arrange for letters from two references (other than the faculty mentor) who can comment on the applicant’s research potential. Letters should be submitted separately by recommenders to mnbc-fel@umn.edu no later than February 1, 2015.

Completion of all sections of this application is required before the application can be reviewed. The application form, Statement of Purpose, and curriculum vitae should be compiled into a single pdf using the naming convention: Name_Grad_MnDRIVE_Neuromod.pdf and submitted electronically to mnbc-fel@umn.edu no later than February 1, 2015.

For questions, please email mnbc-fel@umn.edu
For more information about these MnDRIVE fellowship opportunities go to: http://mndrive.umn.edu/brain.html#.VA8ahWMYP0b
**APPLICATION FOR MnDRIVE GRADUATE FELLOWSHIP IN NEUROMODULATION 2015-16**

**MnDRIVE BRAIN CONDITIONS UNIVERSITY OF MINNESOTA**

### Applicant Information

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### Academic Training

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### Mentor Information

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### Letters of Recommendation

1. | NAME | TITLE | INSTITUTION | EMAIL |

2. | NAME | TITLE | INSTITUTION | EMAIL |

### Title of Project:

**General statement of project significance/what is to be accomplished (see examples of previous fellows descriptions):**

[https://docs.google.com/a/umn.edu/document/d/1urYvOb_6KMpqcYE8JZXRr8TeocoAWKpEAQkd6_2uA/edit](https://docs.google.com/a/umn.edu/document/d/1urYvOb_6KMpqcYE8JZXRr8TeocoAWKpEAQkd6_2uA/edit)
STATEMENT OF PURPOSE
Please provide a succinct description of your research project, indicate how your research will advance the field of neuromodulation, and explain how obtaining this fellowship will benefit your career aspirations. (one page; bibliographical references [if any] may be listed on a second page; use existing margins, font and font size – Tahoma 11 pt).