IDEAS Funding Application 2019

Please use this google form to apply for a year of funding through the National Science Foundation Research Traineeship Program.

Learn more about the requirements and different levels of participation in IDEAS here:
http://www.ideas.ciera.northwestern.edu/traineeship/

Applications are due April 7th, and must include a transcript showing grades from the winter quarter. Send the transcript to IDEAS@northwestern.edu.

* Required

1. Last Name *

2. First Name *

3. Email Address *

4. Gender
Mark only one oval.
- Male
- Female
- Prefer not to say

5. Under-represented Minority
Under-represented minority students are U.S. citizens or permanent residents who identify themselves as Black, Hispanic, American Indian, Alaska Native, Native Hawaiian or Other Pacific Islander. Do you identify as a URM?
Mark only one oval.
- Yes
- No

6. Department *

7. Advisor *

8. Masters or PhD Student? *
If you are unsure at this point, choose "other" and explain.
Mark only one oval.
- I'm working towards a Master's Degree
- I'm working towards a PhD.
- Other:

9. Please describe the focus of your research in just a few sentences. *
Please answer this in a way that will be understandable to science and engineering professors in fields outside of your area of study.

10. Have you already completed the registration form to participate in the traineeship? *
If you are unsure of the differences, please visit:
http://www.ideas.ciera.northwestern.edu/traineeship/
Mark only one oval.
- No - I'm only interested in the Certificate
  Skip to "Certificate in Integrated Data Science. *
- No - I'm interested in the full Traineeship
  Skip to question 11.
- Yes - applying for funding now
  Skip to question 19.

Stop filling out this form.

Certificate in Integrated Data Science
Thank you for expressing interest in completing the certificate in Integrated Data Science. Priority enrollment in the required courses will be given to those students who are completing the IDEAS Traineeship. If you have questions please contact the IDEAS program director Michelle Paulsen m-paulsen@northwestern.edu

Stop filling out this form.

IDEAS Traineeship
Participation in the IDEAS Traineeship gives students priority enrollment in the Integrated Data Science certificate program as well as the Focus Summer Schools in programming and visualization, the RSG
research communication program, Internship placement, and potential leadership opportunities in the IDEAS MeetUp. Please visit
http://www.ideas.ciera.northwestern.edu/workshops
if you are not already familiar with these Traineeship components. There is no cost to Trainees to participate
in these workshop programs, but students must have funding from outside the IDEAS NRT program.

11. When did you begin graduate school at Northwestern?
Mark only one oval.
☐ 2014
☐ 2015
☐ 2016
☐ 2017
☐ 2018
☐ Other:

12. What is your GPA?

13. When do you anticipate participating in the Focus Summer School on Programming?
Mark only one oval.
☐ August 2019
☐ August 2020

14. When do you anticipate participating in the Focus Summer School on Visualizations?
Mark only one oval.
☐ September 2019
☐ September 2020

15. When do you anticipate participating in the RSG Research Communication Program?
Mark only one oval.
☐ Summer 2019
☐ Fall 2019 (Preferred, as part of the IDEAS Cohort)
☐ Summer 2020
☐ I have already completed the RSG program.
☐ I am not interested in this opportunity, as it is optional for MS students.

16. When do you anticipate participating in the Written Science Communication Program?
Mark only one oval.
☐ Winter 2020
☐ Winter 2021
☐ I have already completed a written science communication program.
☐ I am not interested in this opportunity, as it is optional for MS students.

17. When do you anticipate participating in a summer internship?
Mark only one oval.
☐ Summer 2020
☐ Summer 2021
☐ Summer 2022
☐ I have already completed an internship in data science.
☐ I do not anticipate participating in the summer internship opportunity.

18. How do you see yourself participating in the IDEAS Meet Up and other weekly meetings?
Mark only one oval.
☐ I am interested in being fully immersed in the IDEAS Meet Up, taking on a leadership role. Please contact me with details on this opportunity.
☐ I will participate on a weekly basis, most weeks.
☐ I do not anticipate participating in the IDEAS meetings.

IDEAS Traineeship with Funding
The IDEAS Fellowship includes all components of the Traineeship and it also includes a year of funding and participation in a citizen science project related to the research. To be eligible for NSF funding, you must be
a US citizen and your research should connect to the LIGO, Earthscope, or LSST projects. There is also a
very limited option for non-US citizens.

19. Are you a US citizen?
Mark only one oval.
☐ Yes
☐ No (Note: The IDEAS program is supported by an NSF grant; however we do have one
fellowship each year for international students.

IDEAS Fellowship, continued

20. Which project is your research most closely aligned with?
Mark only one oval.
☐ LIGO https://www.ligo.caltech.edu/
☐ Earthscope http://www.earthscope.org/
☐ LSST https://www.lsst.org/
☐ Not sure
☐ None of the above projects Skip to "Eligibility for Funding."

Stop filling out this form.

IDEAS Fellowship, continued
21. When did you begin graduate school?  
Mark only one oval.

- 2014
- 2015
- 2016
- 2017
- 2018
- Other:

22. What is your GPA?

23. When do you anticipate participating in the Focus Summer School on Programming?  
Mark only one oval.

- August 2019
- August 2020

24. When do you anticipate participating in the Focus Summer School on Visualizations?  
Mark only one oval.

- September 2019
- September 2020

25. When do you anticipate participating in the RSG Research Communication Program?  
Mark only one oval.

- Summer 2019
- Fall 2019 (Preferred; as part of the IDEAS cohort)
- Summer 2020
- I have already completed the RSG program

26. When do you anticipate participating in the Written Science Communication Program?  
Mark only one oval.

- Winter 2020
- Winter 2021
- I have already completed a written science communication program.

27. When do you anticipate participating in a summer internship?  
Mark only one oval.

- Summer 2020
- Summer 2021
- Summer 2022
- I have already done a summer internship in data science.

28. How do you see yourself participating in the IDEAS weekly meetings?  
Mark only one oval.

- I am interested in being fully immersed in this program, taking on a leadership role. Please contact me with details.
- I will participate regularly, attending most weeks.
- I am unable to participate in a weekly meeting for the IDEAS program.

29. Secondary Advisor Name or Department  
IDEAS Fellowship recipients are co-advised by a professor from the domain discipline (physics, astronomy, or Earth science) as well as a professor from the methods discipline (computer science, applied mathematics, statistics, etc.) If you have someone in mind, please provide their name. If not, suggest a department.