GRFP
Application Process for the 2020 GRFP Competition

July 31, 2019
Version 0.1

Prepared for:
NATIONAL SCIENCE FOUNDATION
DIVISION OF INFORMATION SYSTEMS
2415 Eisenhower Avenue
Alexandria, VA 22314
# REVISION HISTORY

<table>
<thead>
<tr>
<th>Rev.</th>
<th>Date</th>
<th>Author</th>
<th>Reason for Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.1</td>
<td>7/31/2019</td>
<td>Andra Orebaugh</td>
<td>Initial Draft</td>
</tr>
</tbody>
</table>


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1. Introduction

1.1 Document Overview

The purpose of this document is to demonstrate how GRFP applicants submit a fellowship application for the 2020 GRFP Fellowship Competition.

2. Proposal Process Screenshots

2.1 Graduate Research Fellowship Program Home Page

Applicant selects ‘Register Here’.
2.2 **Rules of Behavior**

Applicant checks box and selects ‘Accept’. 
2.3 Application Guidelines

Applicant selects ‘Register’.

Application Guidelines

BEFORE YOU START:

Check the brief guidelines below. See Notification for official requirements. Applications not meeting official requirements in the GRFP Solicitation will be

RETURNED WITHOUT REVIEW.

ELIGIBILITY:

Applicants: All races apply

New: US citizen, permanent resident, or legal alien.

Proposed Grad Institution: Full-time enrollment, beginning Fall 2020 at accredited US academic institution in the US, its territories, possessions, and Puerto Rico. NO FOREIGN INSTITUTIONS.

Approved Field of Study: Check Approved Fields of Study at (in Notification Appendix). Irrelevant fields of study include dance, journalism, health, counseling, and others.

Appointed Degree Program: Research-based STEM, Master’s and doctoral degrees. No professional or joint professional degrees (e.g., MD, DO, DVM, JD, DDS, DPT, DNP, MSW, MD/PhD, JD/MPH).

Academic Levels: Only one level can apply

Level 1: Undergraduate/Graduate’s: Current senior, or completed Bachelor’s degree, now enrolled in graduate degree program, ready to enroll fall term by Fall 2020.

Level 2: Last year graduate student: Current full-time graduate student in eligible Field of Study at US academic institution. All joint degree Master’s degree students (must have completed three academic years in program).

Level 3: 2nd year graduate student: No more than one academic year of graduate study in eligible Field of Study at US academic institution.

Level 4: Entering graduate student: Must be enrolled in a graduate school. Two-year post Master’s degree. No terminal (doctoral) degree required.

APPLICATION PREPARATION:

Format requirements: All races apply

Paper: PDF only.

Font: Times New Roman; 12 or larger; 1.5 spaced; no margins; and no table on page.

Titles: Use Research Statement template, Graduate Research Plan template.

BEFORE YOU SUBMIT Application: All races apply

Personal Statement: 3 pages PDF, use Research Statement template.

Transcripts: From all degree institutions enrolled, schedules from current institution. Must include at least one transcript.

Reference Letters: Three or more references with names included (letters are required).

Deadlines: NO extensions or exceptions. NO materials accepted by email.

CLICK HERE AND SUBMIT: Check for confirmation email. No further action needed. No reply here.

ONLY COMPLETE APPLICATIONS WILL BE ACCEPTED. INCOMPLETE APPLICATIONS ARE CONSIDERED INCOMPLETE AND WILL BE RETURNED WITHOUT REVIEW.

Register Cancel
2.4 **Register User**

Applicant selects ‘Submit’.

---

**REGISTER USER**

Privacy Act Notice

An agency may not conduct or sponsor, and a person is not required to respond to, an information collection unless it displays a valid Office of Management and Budget (OMB) control number. The OMB control number for this collection is 2900-0133. Public reporting burden for this collection of information is estimated to average 13 hours per response, including the time for reviewing instructions, blood collection, and application to fill out and submit the form. This burden is subject to change. If you have any additional comments regarding the burden estimated, your comments are welcome. Please send your comments to the National Institute for Standards and Technology, Attn: Information Collection Approval Requests, 100 Bureau Ave., E. Bldg. 2120, Springfield, VA 22161, Attn: OMB Control Number 2900-0133.

Applicant Information:

- First Name: [Field]
- Last Name: [Field]
- Middle Name: [Field]
- Suffix (e.g., Jr., Sr.): [Field]
- Email Address: [Field]

Emails are the primary source of communication used by the GRFP Administrators. Use an email account to which you will have continuity and independent access (e.g., your GMail or similar standalone account).

- E-mail Address: [Field]

Your Username and Password will be used to identify you for future access to your Application Package and to maintain a log of application activity. Your Username should be between 4 and 20 characters long and must consist of letters, numbers, and the underscore ‘_’. You may use spaces and special characters, but they will not be included in your Username. Your Password must be between 8 and 20 characters long and consist of letters and numbers only. Please note that the password will not display on your screen. You may also use a combination of letters, numbers, and the underscore ‘_’, but they will not be included in your Password. Please note that the password will not display on your screen.

- Username: [Field]
- Password: [Field]
- Confirm Password: [Field]

Please read the *Program Solicitation* and *GRFP Application FAQs* prior to completing an Application Package.
2.5 Welcome Applicants

Applicant selects ‘Prepare Application’.
2.6 **Application E-Signature**

Applicant checks box and selects 'Continue to Application'.
2.7 **Prepare Application / Instructions**
Applicant selects ‘Continue’.

2.8 **Prepare Application / Personal Information**
Applicant selects ‘Save and Continue’.
**Personal Information**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Name</td>
<td></td>
</tr>
<tr>
<td>Middle Name</td>
<td></td>
</tr>
<tr>
<td>First Name</td>
<td></td>
</tr>
<tr>
<td>Sex</td>
<td></td>
</tr>
<tr>
<td>Phone</td>
<td></td>
</tr>
<tr>
<td>Email</td>
<td></td>
</tr>
<tr>
<td>Social Security Number</td>
<td></td>
</tr>
<tr>
<td>Permanent Address</td>
<td></td>
</tr>
<tr>
<td>Street</td>
<td></td>
</tr>
<tr>
<td>City</td>
<td></td>
</tr>
<tr>
<td>State</td>
<td></td>
</tr>
<tr>
<td>Zip Code</td>
<td></td>
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<tr>
<td>Country</td>
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**Emergency Contact**

<table>
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<tbody>
<tr>
<td>Name</td>
<td></td>
</tr>
<tr>
<td>Relationship</td>
<td></td>
</tr>
<tr>
<td>Phone</td>
<td></td>
</tr>
</tbody>
</table>

**Email**

- [email address]

**Social Security Number**

- [redacted]

**High School Location**

- [redacted]

**Demographic Information**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Race and Ethnicity</td>
<td></td>
</tr>
<tr>
<td>Sex</td>
<td></td>
</tr>
</tbody>
</table>

**Disability Status**

- [redacted]
Applicant selects ‘Open Researcher and Contributor ID’ hyperlink on the above page.
2.9 Prepare Application / Education and Work Experience

Applicant selects ‘Save and Continue’.

Applicant selects ‘Privacy Act Notice’ hyperlink on this page.
Applicant selects ‘Add New’ button under Education on this page. Additional fields may be displayed depending on applicant answers.
If Applicant answers "Yes" to "Are you or were you enrolled in a degree-granting program at this institution?"
If Applicant answers 'Yes' to "Did you complete the degree?"
If Applicant answers ‘Yes’ to "Does your school use grades?"

<table>
<thead>
<tr>
<th>Privacy Act Notice</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add Academic Institution</td>
</tr>
<tr>
<td>Please click the Find Organization link to add or edit your academic institution. Select the main campus name rather than schools or colleges within the institution.</td>
</tr>
<tr>
<td>Find Organization</td>
</tr>
<tr>
<td>* Name:</td>
</tr>
<tr>
<td>* City:</td>
</tr>
<tr>
<td>* State:</td>
</tr>
<tr>
<td>* Country:</td>
</tr>
<tr>
<td>Provide the following details about your academic institution.</td>
</tr>
<tr>
<td>* Start Date: (mm/yyyy)</td>
</tr>
<tr>
<td>* End Date: (mm/yyyy)</td>
</tr>
<tr>
<td>* Are you or were you enrolled in a degree-granting program at this institution?</td>
</tr>
<tr>
<td>☐ Yes ☐ No</td>
</tr>
<tr>
<td>If yes, what degree?</td>
</tr>
<tr>
<td>Degree:</td>
</tr>
<tr>
<td>Did you complete the degree?</td>
</tr>
<tr>
<td>☐ Yes ☐ No, left without completing degree ☐ No, still enrolled in program</td>
</tr>
<tr>
<td>IMPORTANT: a transcript must be uploaded for every degree program in which you were enrolled, regardless of whether you completed the degree.</td>
</tr>
<tr>
<td>If you enter your Graduation Date,</td>
</tr>
<tr>
<td>Graduation Date: (mm/yyyy)</td>
</tr>
<tr>
<td>Field of Study:</td>
</tr>
<tr>
<td>Other Field of Study:</td>
</tr>
<tr>
<td>* Does your school use grades?</td>
</tr>
<tr>
<td>☐ Yes ☐ No</td>
</tr>
<tr>
<td>If Yes, enter your Cumulative GPA and GPA Basis.</td>
</tr>
<tr>
<td>Cumulative GPA:</td>
</tr>
<tr>
<td>GPA Basis: (e.g., out of 4.0, 3.0)</td>
</tr>
</tbody>
</table>
Applicant selects ‘Upload’ button under Education on this page.

Applicant selects ‘Add New’ button under Other Experience on this page.

If Applicant answers 'No' to "Is your Fellowship/Scholarship/Teaching/Work Experience ongoing?"
2.10 Prepare Application / Proposed Field of Study

Applicant selects ‘Save and Continue’
2.11 Prepare Application / Proposed Graduate Study

Applicant selects ‘Save and Continue’. 

2.12 Prepare Application / References

Applicant selects ‘Continue’. 

---

**PROPOSED GRADUATE STUDY**

Privacy Act Notice

* Required Field

**Proposed Academic Institution**

Your proposed academic institution must be an accredited institution in the US, its territories, possessions, or the Commonwealth of Puerto Rico. NO foreign institutions are allowed.

*Proposed Academic Institution:*

Proposed Graduate Program (if known):

If you cannot find your proposed academic institution from the list above, enter the name and location below. Please note that if you have already made a selection from the list above, the system does not require you to provide this information and will not allow you to enter it.

Nearly all U.S. institutions are listed by their full identifier names. If you cannot find your institution, click the “Contains” option in the Search Criteria function, and the City and State of your institution. Example: “Rice” in Search Criteria, “Houston” in City, and “Texas” in State, yields William Marsh Rice University. For accuracy, check with the Registrar’s office.

The information you provide in this section is collected for the GRFP's purposes but is not provided to reviewers. Applicants may discuss their proposed graduate institution in their statements if they choose. The proposed institution you list in this section is not binding.

Other:

City:

State:

Country: United States

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**REFERENCES**

Privacy Act Notice

* Required Field

**References Instructions**

After adding a reference, please click the ‘Send E-mail’ link to notify the person of your request for a reference letter. The individual will receive an email that contains instructions on how to submit a reference letter for your Fellowship application. You must click the ‘Send E-mail’ link to send the email.

To ensure your reference writers receive the email request, monitor the receipt of your reference letters using the Check Application Package Status feature on the Application Package Optional Task List.

Two Reference Letters must be received by the reference writer deadline, November 1, 2019 (Friday), for your application to be reviewed. You are strongly encouraged to provide three reference letters.

Note: If you change or update the reference writer e-mail address after you have sent the request e-mail using the “Send E-mail” link, you must send an e-mail to the reference writer via the same link. If you choose to delete a reference writer from your list after you have sent them a request to write a reference, please remember to notify the reference writer that they no longer need to write on your behalf. The system will not send this e-mail notification on its own; your action of notifying a deleted reference writer is required.

List names, organizational affiliations, and e-mail addresses of non-related individuals who will submit Letters of Reference. Reference writers must include their position and role in the reference letter. E-mail addresses should be entered exactly as provided by the reference writers, as these e-mail addresses will be used by writers to log into the GRFP Reference Letter Module. You may provide up to five names to have back-up in case one or more of your reference writers fail to submit a letter(s) by the deadline. Your application must have two reference letters received by the reference letter deadline, November 1, 2019 (Friday), to be reviewed. You are strongly encouraged to provide three reference letters. The individual Letters of Reference should be prioritized from 1 to 5 (1 being the highest priority), in the order they are to be included in the application. In the event of missing letters in the first three slots, the optional fourth and fifth letters will be used, in your ranked order, to complete the application. No more than three letters, in order of priority, will be reviewed with an eligible application. This ranking is for application management purposes only and is not disclosed to reference letter writers and reviewers. The applications will not allow two references to hold the same rank at any time. You may change rankings at any time prior to the reference letter deadline by using the Edit Reference Writer Ranking button below. If you have questions regarding the reference requirements, please refer to the GRFP FAQs link found on your applicant home page in the Quick Links.
Applicant selects ‘Add New’ button on this page.

Three references are added.
2.13 Prepare Application / Personal, Relevant Background and Future Goals Statement

Applicant selects ‘Continue’.
2.14 Prepare Application / Graduate Research Plan Statement

Applicant selects ‘Save and Continue’.
2.15 **Prepare Application / NSF GRFP Program Information**

Applicant selects ‘Save and Continue’.

---

Possible content:

- **Completed Study**
  - Select the level that most appropriately describes your stage of study at the GRFP application deadline. All enrollment in graduate or professional degree-granting programs must be included.
  - **Level 1**
    - You have not previously enrolled in a graduate degree-granting program, but plan to start graduate study next fall. Includes
    - Undergraduate in the final year of a bachelor’s degree program
    - Individual who previously earned a bachelor’s degree
  - **Level 2**
    - First-year graduate student currently enrolled in a graduate degree-granting program, who has never applied to GRFP before as a graduate student or returning graduate student, or a student currently enrolled in a joint bachelor’s-master’s degree program (must have completed three academic years in program).
  - **Level 3**
    - Second-year graduate student who has completed no more than one academic year of graduate study while enrolled in any graduate degree-granting program, does not have a graduate degree, and has never applied to GRFP before as a graduate student or returning graduate student.
  - **Level 4**
    - Returning graduate student who is not currently enrolled in a degree-granting program and may have more than one academic year in a graduate degree-granting program and/or a master’s or professional degree, followed by an interruption of at least two years prior to the GRFP application deadline.

- **Advisor**
  - If you are currently enrolled in graduate school (Levels 2 or 3), provide the name(s) of your current or potential graduate research advisor(s). If you do not have a current or potential graduate research advisor, provide the contact information of your graduate program director. Entry of at least one advisor is required with a maximum of three.
  - Note: Applicants who are not currently enrolled in a graduate program (Levels 1 and 4) do not need to complete this section.

- **Additional Program Information**
  - NSF publishes the names, the baccalaureate and current institutions, and the fields of study of fellowship recipients on the NSF GRFP site. This information will be made public upon announcement of awards and this listing cannot be changed. If you wish your name to be published on the Honorable Mention List, posted at https://www.research.gov/grfp. This information will be made public upon announcement of awards and this listing cannot be changed.

---

Applicant selects ‘Add Advisor’ hyperlink on this page.
2.16 Prepare Application / Submit Application

Applicant selects ‘Continue’.
PROPOSED FIELD OF STUDY

Field of Study: Comp/Eng - Robotics and Computer Vision

Is your proposed graduate study interdisciplinary? No

PROPOSED GRADUATE STUDY

Proposed Academic Institutions: Massachusetts Institute of Technology

Proposed Graduate Program:

City: Cambridge
State: MA
Country: United States

REFERENCES

List names and organizational affiliations of individuals submitting Letters of Reference (two reference letters must be received by the published deadline, November 1, 2019). For the application to be reviewed, you are strongly encouraged to provide three reference letters.

3 Items found, displaying 1 to 3

<table>
<thead>
<tr>
<th>Last Name</th>
<th>First Name</th>
<th>MI</th>
<th>Organization</th>
<th>E-mail Address</th>
<th>Reference Rank</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Varner</td>
<td>Ref 1</td>
<td></td>
<td>Stanford University</td>
<td><a href="mailto:r1.varner@stanford.edu">r1.varner@stanford.edu</a></td>
<td>1</td>
<td>Unsubmitted</td>
</tr>
<tr>
<td>Varner</td>
<td>Ref 2</td>
<td></td>
<td>Massachusetts Institute of Technology</td>
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<td>Unsubmitted</td>
</tr>
<tr>
<td>Varner</td>
<td>Ref 3</td>
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<td><a href="mailto:r3.varner@stanford.edu">r3.varner@stanford.edu</a></td>
<td>3</td>
<td>Unsubmitted</td>
</tr>
</tbody>
</table>

PERSONAL, RELEVANT BACKGROUND AND FUTURE GOALS STATEMENT

Please outline your educational and professional development plans and career goals. How do you envision graduate school preparing you for a career that allows you to contribute to expanding scientific understanding as well as broadly benefit society?

Describe your personal, educational and/or professional experiences that motivate your decision to pursue advanced study in science, technology, engineering or mathematics (STEM). Include specific examples of any research and/or professional activities in which you have participated. Present a concise description of the activities, highlight the results and discuss how these activities have prepared you to seek a graduate degree. Specify your role in the activity including the extent to which you worked independently and/or as part of a team. Describe the contributions of your activity to advancing knowledge in STEM fields as well as the potential for broad societal impacts (see Subsection, Section VI, for more information about Broad Impacts).

NSF Fellows are expected to become globally engaged knowledge brokers and leaders who can contribute significantly to research, education, and innovations in science and engineering. The purpose of this essay is to demonstrate your potential to satisfy this requirement. Your ideas and examples do not have to be confined necessarily to the discipline that you have chosen to pursue.

If you have completed more than one academic year in a graduate degree-granting program or a graduate or professional degree, followed by an interruption of at least two consecutive years, please address the reasons for the interruption in your graduate study here.

Document Uploaded: Yes

GRADUATE RESEARCH PLAN STATEMENT

Present an original research topic that you would like to pursue in graduate school. Describe the research idea, your general approach, as well as any unique resources that may be needed for accomplishing the research goal (i.e., access to national facilities or collections, collaborations, overseas work, etc.). You may choose to include important literature citations. Address the potential of the research to advance knowledge and understanding within science as well as the potential for broader impacts on society. The research discussed must be in a field listed in the Solicitation (Section X, Fields of Study).

Document Uploaded: Yes

Proposed Research Title

The title should be brief, informative, scientifically or technically valid, intelligible to a scientifically or technically literate reader, and suitable for use in the public arena. It should describe the succinct terms your proposed research, reflecting the contents of your proposal. Use key words, and do not use abbreviations and chemical formulas (in 255 characters or less). This title will be used for searching research topics using the key words you supply. Do not use curly brackets ({}), in your Proposed Research Title or Key Words.

Proposed Research Title: Proposed Research Title

Use key words to describe the Graduate Research Plan Statement (in 50 characters or less).

Key Words: Key Words

NSF GRFP PROGRAM INFORMATION

Select the level that most appropriately describes your stage of study at the GRFP application deadline. All enrollment in graduate or professional degree-granting programs must be included.

First-year graduate student currently enrolled in a graduate degree-granting program, who has never applied to GRFP before as a graduate student, or a student currently enrolled in a joint bachelor’s-master’s degree program (must have completed three academic years in programs)

Advisor

If you are currently enrolled in graduate school (Levels 2 or 3), provide the name(s) of your current or potential graduate research advisor(s). If you do not have a current or potential graduate research advisor, provide the contact information of your graduate program director. Entry of at least one advisor is required with a maximum of three.

1 Advisor found

Advisor Name: Advisor Name

E-mail Address: Advisor Name@email.domain

NSF publishes the names, the baccalaureate and current institutions, and the fields of study of Fellowship recipients and Honorable Mention List on the NSF GRFP site.

Do you wish your name to be published on the Honorable Mention List? Yes

I hereby certify that I am a United States citizen or national or a permanent resident legally admitted to the United States and that the information I have provided on the Fellowship application is correct to the best of my knowledge.

Please note, you will not be allowed to revise your application electronically after submission, although you will be able to view it. When you are ready to submit your application, please press the “Continue” button below. When you press “Continue” the system will check for application completeness. You will also be asked to read and supply an electronic certification. After reading and agreeing to the information on that page, you will be able to submit your application to the NSF.
2.17 Errors/Warnings – With Errors

Applicant selects 'Cancel'.
2.18 **Errors/Warnings – No Errors**

Applicant selects ‘Continue’.
2.19 Application E-Signature

Applicant certifies and selects ‘Sign and Submit Application’.
2.20 Confirmation

GRFP Acceptance - Tercat
Graduate Research Fellowship Program (GRFP)

CONFIRMATION
Submit Application
Your application has been received by NSF. You will receive a confirmation email confirming the date and time stamp of receipt. Once you receive the confirmation email, log in to your account to complete the application. You can check the status of your application at any time from the "Package Status" on the Welcome Applicants page.

Applicant Home Page

NATIONAL SCIENCE FOUNDATION
2415 Eisenhower Avenue, Alexandria, Virginia 22314, USA
Tel: 703-292-5111, TDD: 600-877-8339 | TTY: 703-292-5990

Privacy and Security
3. Miscellaneous Functions

3.1 View/Print Application

Applicant selects 'View/Print Application' from Welcome Applicants Home Page.
PROPOSED FIELD OF STUDY

Is your proposed graduate study interdisciplinary? No

PROPOSED GRADUATE STUDY

Proposed Academic Institution: Massachusetts Institute of Technology
Proposed Graduate Program: AI, Cambridge
Grade: Ph.D.
Country: United States

REFERENCES

List names and organizational affiliations of individuals submitting Letters of Reference (two reference letters must be received by the published deadline, November 1, 2019 [Friday], for the application to be reviewed). You are strongly encouraged to provide three reference letters.

Jane Smith
John Doe

PERSONAL, RELEVANT BACKGROUND AND FUTURE GOALS STATEMENT

Please outline your educational and professional development goals and career goals. How do you envision graduate school preparing you for a career that allows you to contribute to expanding scientific understanding in a way that benefits society?

Describe your personal, educational, and professional experiences that motivate your decision to pursue advanced study in science, technology, engineering, or mathematics (STEM). Include specific examples of any research and/or professional activities in which you have participated. Describe the unique aspects of your academic experience that prepared you for graduate study and the potential for broader societal impacts (See Subsection VI, for more information about Broader Impacts).

NSF fellows are expected to become globally engaged knowledge experts and leaders who can contribute significantly to research, education, and innovations in science and engineering. The purpose of this essay is to demonstrate your potential to satisfy this requirement. Your ideas and examples do not have to be confined necessarily to the discipline that you have chosen to pursue.

If you have completed more than one academic year in a graduate degree-granting program or a graduate or professional degree, followed by an interruption of at least two consecutive years, please address the reasons for the interruption in your graduate study here.

Graduate Research Plan Statement

Present an original research topic that you would like to pursue in graduate school. Describe the research idea, your general approach, as well as any unique resources that may be needed for accomplishing the research goal (i.e., access to national facilities or collections, collaborations, equipment, etc.). You may choose to include important literature citations. Address the potential of the research to advance knowledge and understanding within science as well as the potential for broader impacts on society. The research proposal must be in a field listed in the Subdivision (Section V, Fields of Study).

Document uploaded: Yes

Proposed Research Title

The title should be brief, informative, scientifically or technically valid, intelligible to a scientifically or technically literate reader, and suitable for use in the public press. It should describe in succinct terms your proposed research, reflecting the contents of your proposal. Use key words, including full names and chemical formulas (not 250 characters or less). The title will be used for searching research topics using the key words you supply. Do not use any spaces, ( ), or in your Proposed Research Title or any key words.

Proposed Research Title: Proposed Research Title

Use key words to describe the Graduate Research Plan Statement (up to 25 characters or less).

Key Words: Key Words

NSF GRFP PROGRAM INFORMATION

Select the level that most appropriately describes your stage of study at the GRFP application deadline. All enrollment or graduate or professional degree-granting programs must be included.

First-year graduate students currently enrolled in a graduate degree-granting program, who has never applied to GRFP before as a graduate student or returning graduate student, or a student currently enrolled in a joint bachelor's/master's degree program (must have completed three academic years in program).

Advisor

If you are currently enrolled in graduate school (Session 2 or 3), provide the name(s) of your current or potential graduate research advisor(s). If you do not have a current or potential graduate research advisor, provide the contact information of your graduate program director. Only at least one advisor is required with a maximum of three.

Advisor

NSF publishes the names, the professional and current institutions, and the fields of study of fellowship recipients and Honorable Mention List on the NSF GRFP site.

Do you wish your name to be published on the Honorable Mention List? Yes

30
Applicant selects first 'View PDF' on the above page.

NSF Graduate Research Fellowship Program
APPLICATION FOR: Amanda Applicant

PERSONAL INFORMATION
Applicant ID: 1000290931
Prefix:
First Name: Amanda
Middle Name:
Last Name: Applicant
Suffix:
Previous Last Name 1:
Previous Last Name 2:
ORCID Identifier:

Mailing Address
Street Address: 5892 Main Street
City: Alexandria
State: VA
Zip Code: 22312
Country: United States
E-mail: amappl@yahoo.com
Phone Number: 7035557295

Permanent Address
Same as mailing address: Y

Date of Birth
Date of Birth: 04/25/1990
State:
Country:
Citizenship: US Citizen
If permanent resident alien, date status was granted:

High School Location
City: Alexandria
State: VA
Country: United States

Demographic Information
Gender: Female
Veteran Status: No
Ethnicity: Not Hispanic or Not Latino
Race: Do not wish to provide
Disability: No
EDUCATION AND WORK EXPERIENCE

List academic institutions attended and your enrollment details.

<table>
<thead>
<tr>
<th>Academic Institution</th>
<th>Location</th>
<th>Start Date</th>
<th>End Date</th>
<th>Degree Granting Program</th>
<th>Degree</th>
<th>Grad. Date</th>
<th>Field of Study</th>
<th>Cum. GPA</th>
<th>GPA Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stanford University</td>
<td>STANFORD, CA, United States</td>
<td>09/2008</td>
<td>06/2012</td>
<td>Yes</td>
<td>BS</td>
<td>06/2012</td>
<td>Comp/IS/Eng - Computer Security and Privacy</td>
<td>4.5</td>
<td>4.0</td>
</tr>
<tr>
<td>Massachusetts Institute of Technology</td>
<td>CAMBRIDGE, MA, United States</td>
<td>03/2018</td>
<td>06/2022</td>
<td>Yes</td>
<td>DSc</td>
<td>No, still enrolled in program</td>
<td>Comp/IS/Eng - Robotics and Computer Vision</td>
<td>4.2</td>
<td>4.0</td>
</tr>
</tbody>
</table>

List teaching and work experiences relevant to your field of study since you began undergraduate studies. Experiences do not have to be limited to the academic realm.

<table>
<thead>
<tr>
<th>Title</th>
<th>Institution/Organization</th>
<th>Start Date</th>
<th>Other Experience Ongoing</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teaching Experience</td>
<td>Stanford University</td>
<td>09/2010</td>
<td>No</td>
<td>06/2012</td>
</tr>
</tbody>
</table>

List any significant academic honors, fellowships, scholarships, publications and presentations.

Significant academic honors
Publications

Baccalaureate Institution: Stanford University
Current Institution: Massachusetts Institute of Technology
Are you or have you been in a joint bachelor's-master's degree program? No

PROPOSED FIELD OF STUDY

Field of Study: Comp/IS/Eng - Robotics and Computer Vision

Is your proposed graduate study interdisciplinary? No

PROPOSED GRADUATE STUDY

Proposed Academic Institution: Massachusetts Institute of Technology
Proposed Graduate Program:
City: Cambridge
State: MA
Country: United States

REFERENCES

List names and organizational affiliations of individuals submitting Letters of Reference (two reference letters must be received by the published deadline, November 1, 2019 (Friday), for the application to be reviewed). You are strongly encouraged to provide three reference letters.

<table>
<thead>
<tr>
<th>Last Name</th>
<th>First Name</th>
<th>MI</th>
<th>Organization</th>
<th>E-mail Address</th>
<th>Ref. Rank</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Writer</td>
<td>Ref1</td>
<td></td>
<td>Stanford University</td>
<td><a href="mailto:r1writer@stanford.edu">r1writer@stanford.edu</a></td>
<td>1</td>
<td>Unsubmitted</td>
</tr>
<tr>
<td>Writer</td>
<td>Ref2</td>
<td></td>
<td>Massachusetts Institute of Technology</td>
<td><a href="mailto:r2writer@mit.edu">r2writer@mit.edu</a></td>
<td>2</td>
<td>Unsubmitted</td>
</tr>
<tr>
<td>Writer</td>
<td>Ref3</td>
<td></td>
<td>Stanford University</td>
<td><a href="mailto:r3writer@stanford.edu">r3writer@stanford.edu</a></td>
<td>3</td>
<td>Unsubmitted</td>
</tr>
</tbody>
</table>
PERSONAL, RELEVANT BACKGROUND AND FUTURE GOALS STATEMENT

Please outline your educational and professional development plans and career goals. How do you envision graduate school preparing you for a career that allows you to contribute to expanding scientific understanding as well as broadly benefit society?

Describe your personal, educational and/or professional experiences that motivate your decision to pursue advanced study in science, technology, engineering or mathematics (STEM). Include specific examples of any research and/or professional activities in which you have participated. Present a concise description of the activities, highlight the results and discuss how these activities have prepared you to seek a graduate degree. Specify your role in the activity including the extent to which you worked independently and/or as part of a team. Describe the contributions of your activity to advancing knowledge in STEM fields as well as the potential for broader societal impacts (See Solicitation, Section VI, for more information about Broader Impacts).

NSF Fellows are expected to become globally engaged knowledge experts and leaders who can contribute significantly to research, education, and innovations in science and engineering. The purpose of this essay is to demonstrate your potential to satisfy this requirement. Your ideas and examples do not have to be confined necessarily to the discipline that you have chosen to pursue.

If you have completed more than one academic year in a graduate degree-granting program or a graduate or professional degree, followed by an interruption of at least two consecutive years, please address the reasons for the interruption in graduate study here.

Document Uploaded: Yes

GRADUATE RESEARCH PLAN STATEMENT

Present an original research topic that you would like to pursue in graduate school. Describe the research idea, your general approach, as well as any unique resources that may be needed for accomplishing the research goal (i.e., access to national facilities or collections, collaborations, overseas work, etc.). You may choose to include important literature citations. Address the potential of the research to advance knowledge and understanding within science as well as the potential for broader impacts on society. The research discussed must be in a field listed in the Solicitation (Section X, Fields of Study).

Document Uploaded: Yes

Proposed Research Title

The title should be brief, informative, scientifically or technically valid, intelligible to a scientifically or technically literate reader, and suitable for use in the public press. It should describe in succinct terms your proposed research, reflecting the contents of your proposal. Use key words, and do not use abbreviations and chemical formulas (in 255 characters or less). This title will be used for searching research topics using the key words you supply. Do not use curly brackets, { }, in your Proposed Research Title or Key Words.

Proposed Research Title: Proposed Research Title

Use key words to describe the Graduate Research Plan Statement (in 50 characters or less).

Key Words: Key Words
NSF GRFP PROGRAM INFORMATION

Select the level that most appropriately describes your stage of study at the GRFP application deadline. All enrollment in graduate or professional degree-granting programs must be included.

First-year graduate student currently enrolled in a graduate degree-granting program, who has never applied to GRFP before as a graduate student or returning graduate student, or a student currently enrolled in a joint bachelor's-master's degree program (must have completed three academic years in program).

Advisor

If you are currently enrolled in graduate school (Levels 2 or 3), provide the name(s) of your current or potential graduate research advisor(s). If you do not have a current or potential graduate research advisor, provide the contact information of your graduate program director. Entry of at least one advisor is required with a maximum of three.

<table>
<thead>
<tr>
<th>First Name</th>
<th>MI</th>
<th>Last Name</th>
<th>E-mail Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andrew</td>
<td></td>
<td>Advisor</td>
<td><a href="mailto:anadvisor@mit.edu">anadvisor@mit.edu</a></td>
</tr>
</tbody>
</table>

NSF publishes the names, the baccalaureate and current institutions, and the fields of study of Fellowship recipients and Honorable Mention List on NSF GRFP site.

Do you wish your name to be published on the Honorable Mention List, posted at https://www.research.gov/grfp/?
Yes
3.2 Check Application Completeness

Applicant selects ‘Check Application Completeness’ from Welcome Applicants Home Page.
3.3 Manage References

Applicant selects 'Manage References' from Welcome Applicants Home Page.
3.4 Check Application Package Status

Applicant selects ‘Check Application Package Status’ from Welcome Applicants Home Page.

Application Package Requirements

In order for an application to be reviewed, you must submit the following by the specified deadlines:

1) NSF GRFP submitted application
2) Two Reference Letters (you are strongly encouraged to provide three reference letters).

Deadlines for the Reference Letters

REFERENCE LETTERS:
Deadline: November 1, 2020 (11:59 p.m.)
Applicants are strongly encouraged to submit reference letters well in advance of the deadline. Reference letters are required as part of your GRFP application. Applicants are encouraged to use the “Check Application Package Status” feature to ensure application completeness.

Deadlines for the Application Package

NFS GRFP APPLICATION:
Submit your application by 11:59 p.m., local time of applicant’s mailing address
- October 21, 2019 (Monday) - Geosciences
- October 22, 2019 (Tuesday) - Life Sciences
- October 23, 2019 (Wednesday) - Physical Sciences and Engineering
- October 24, 2019 (Thursday) - Materials Research
- October 25, 2019 (Friday) - Social Sciences
- October 26, 2019 (Saturday) - Educational and Learning
- October 27, 2019 (Sunday) - Natural Sciences
- October 28, 2019 (Monday) - Astronomy

Need Help?

If you have questions regarding your application, please contact:
- NSF Operations Center
  Phone: 1-800-NSF-OPT (1-800-673-6633)
  E-mail: askdoc@ NSF.gov
For technical problems, please click here

National Science Foundation
2415 Eisenhower Avenue, Alexandria, Virginia 22314, USA
Tel: 703.292.5111, FAX: 800.617.6359 | TTY: 703.292.5080

Privacy and Security
Applicant selects ‘View Your Application Package Status’ on the above page.
4. Reference Writer Screen Shots

4.1 Reference Letter Writer Login Page

Reference Writer enters credentials and selects ‘Log In’.
4.2 **Submit Reference Letter**

Reference Writer selects ‘Start’.

---

**Reference Letter Submission Instructions**

The NSF Graduate Research Fellowship program applicant(s) listed below have asked that you provide a reference letter in support of his or her application.

The reference letter receipt deadline is 5:00 p.m. (Eastern Time) November 1, 2019 (today).

Please submit letters early to avoid technical delays on the deadline date.

The NSF GRFP system will guide you through the reference letter submission process and provide detailed instructions for each step in the process. To submit a letter of reference for a GRFP applicant, you must:

1. Prepare and save a reference letter on your computer following the reference letter guidelines. (A new browser window will open.) Note: please turn off your browser’s pop-up blocker in order to allow a new window to open.
2. Select confidentiality option A or B.
3. Upload/submit your saved file to NSF’s file system. There is a two-page maximum limit for each reference letter. You must upload and accept your letter of reference. The uploaded letter will be automatically submitted after you accept the letter.

4. To begin working on a reference letter for an applicant listed below, select the “Start” link in the corresponding row. After you have submitted a reference letter, you may view or delete the letter by selecting the “View” link on “Deleted” tab in the corresponding row. You will only be able to view or delete the reference letters before the deadline for receipt of reference letters. You may upload a different letter by selecting the “Delete” link, and uploading a new letter before the deadline for receipt of reference letters.

---

**My 2020 Reference Letters**

<table>
<thead>
<tr>
<th>Reference Letter</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>1234567890123</td>
<td>Start</td>
</tr>
</tbody>
</table>

---

**Address**

National Science Foundation
2415 Constitution Avenue, NW Washington, D.C. 20550 USA

Tel: 703-292-5111, FAX: 703-292-5193 ETTY: 703-292-5930

Privacy and Security
4.3 Reference Writer / Prepare Submission of Letter of Reference

Reference Writer selects ‘Continue’.
4.4 **Reference Writer / Select Confidentiality**

Reference Writer selects ‘Continue’.
4.5 Reference Writer / Upload and Accept Letter of Reference


4.6 Confirmation