



## NASA Earth and Space Science Fellowship (NESSF) Survey

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Welcome! As a past NESSF proposer, you have been selected to take part in a brief questionnaire about your experiences.

**Privacy Act Notification:**

The information you provide via this form is protected from unauthorized disclosure in accordance with the Privacy Act of 1974. It will be used by NASA for the specific purpose of implementing and evaluating STEM engagement investments. Collection of the information is authorized by the National Aeronautics and Space Act of 1958 § 403(a)(b), 42 U.S.C. § 2473 (c)(1). Provision of the requested information is strictly voluntary. NASA may disclose information to NASA administrators and managers, Office of Management and Budget officials, and members of Congress for the purposes of accountability and tracking of program and project efficiency and effectiveness. Any information released (such as statistical summaries) will be in a form that does not personally identify you. Elaboration and conditions of information disclosure may be found under "Routine Uses" of the full System of Records Notice at <https://www.govinfo.gov/content/pkg/PAI-2013-NASA/xml/PAI-2013-NASA.xml#10euda> and in Appendix B at <https://www.govinfo.gov/content/pkg/PAI-2013-NASA/xml/PAI-2013-NASA.xml#appb>.

**Paperwork Reduction Act Statement:**

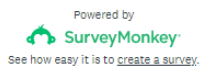
This information collection meets the requirements of 44 U.S.C. §3507, as amended by section 2 of the Paperwork Reduction Act of 1995. You do not need to answer these questions unless we display a valid Office of Management and Budget (OMB) control number. The OMB control number for this collection is 2700-0159 and expires 09/30/2024.

**Practical Information:**

- On average, it will take about 25 minutes to complete the questionnaire. Actual time may vary depending on your circumstances.
- Your response is voluntary and failure to provide some or all of the requested information will not in any way adversely affect you.
- Your response will help NASA improve opportunities and programming for future generations of graduate students.
- We welcome you to contact [amy.p.chen@nasa.gov](mailto:amy.p.chen@nasa.gov) if you have any comments or questions.
- Thank you for your participation!

OK

NEXT



## NASA Earth and Space Science Fellowship (NESSF) Survey

### NESSF Status

How many times did you apply for the NASA Earth and Space Science Fellowship (NESSF)?

- 1
- 2
- 3
- 4
- 5
- more than 5

\* Did you receive a NASA Earth and Space Science Fellowship (NESSF) offer?

- Yes
- No

\* Did you accept your NESSF offer?

- Yes
- No

Why did you not accept your NESSF offer?

What were the primary sources of financial support during your graduate education?

- |  |   |
|--|---|
| <input type="checkbox"/> fellowship/scholarship (please type name below)   | <input type="checkbox"/> loans (from any source)                      |
| <input type="checkbox"/> grant (please type name below)  | <input type="checkbox"/> personal saving                              |
| <input type="checkbox"/> teaching assistantship  | <input type="checkbox"/> personal earning during graduate school      |
| <input type="checkbox"/> research assistantship  | <input type="checkbox"/> spouse/partner or family earnings or savings |
| <input type="checkbox"/> other assistantship (please type name below)  | <input type="checkbox"/> employer assistance or reimbursement         |
| <input type="checkbox"/> internship  |   |
| <input type="checkbox"/> Type name of fellowship/scholarship, grant, assistantship, or sources not listed above. |   |

## NESSF Proposal & Dissertation Research Characteristics

How did you learn about the NESSF opportunity? (select all that apply)

- |   |  |
|---|--|
| <input type="checkbox"/> from my academic advisor                               | <input type="checkbox"/> from a friend or acquaintance |
| <input type="checkbox"/> from a mentor  | <input type="checkbox"/> from an ad at a conference    |
| <input type="checkbox"/> from a faculty member who was not my advisor or mentor | <input type="checkbox"/> NASA NSPIRES notification     |
| <input type="checkbox"/> Other (please specify):                                |  |

\* At the time you submitted your NESSF proposal, your academic advisor listed on your NESSF proposal...

	agree	disagree	I don't know
was supported by NASA funding at the time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
was supported by NASA funding in the past	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
participated in a NASA science team at the time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
participated in a NASA science team in the past	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
has worked in a NASA Center during his/her career	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
has served as a NASA panelist or proposal reviewer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
was supported by a NASA Fellowship during his/her graduate education in the past	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
was supported by, or has worked for, non-NASA space agencies at the time or in the past	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

To what extent do you agree with the following statements?

	strongly disagree	disagree	neutral	agree	strongly agree	not applicable
At the time I submitted my NESSF proposal, I knew at least one person at a NASA Center.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
At the time I submitted my NESSF proposal, I knew at least one faculty member who has a connection with NASA (receive grant fund, participate on a NASA science team, previously worked at a NASA Center, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other students in my program or research groups applied for NESSF during the same year as me.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other students in my program or research groups received NESSF before the year that I applied.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Additional comments to answers provided above (optional):

To what extent do you agree with the following statements about the feedbacks you received on your NESSF proposal?

	strongly disagree	disagree	neutral	agree	strongly agree	not applicable
They were constructive.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
They were encouraging.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
They helped me refine my ideas for NESSF resubmission.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
They helped me refine my ideas for non-NESSF funding resubmission (NSF GRFP, DoD NDSEG, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
They helped me refine my plan for my dissertation research.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Additional comments to answers provided above (optional):

To what extent do you agree with the following statements?

	strongly disagree	disagree	neutral	agree	strongly agree	not applicable
The overall direction of my dissertation research was similar to my academic advisor's research.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The approaches I used to carry out my thesis or dissertation research were similar to the methods my academic advisor used to carry out his/her research.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Additional comments to answers provided above (optional):

To what extent do you agree with the following statements?

	strongly disagree	disagree	neutral	agree	strongly agree	not applicable
My dissertation research was high-risk.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My dissertation research was high-impact.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My dissertation research was interdisciplinary.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Without NESSF funding, did you pursue the research you proposed in your NESSF proposal?

- Yes, without modification
- Yes, with some modification
- No
- Other (please specify)





To what extent would you agree with the following statements about the faculty you interacted with while a graduate student

	strongly agree	agree	neither agree or disagree	disagree	strongly disagree
I was treated as a colleague by the faculty	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The faculty saw me as a serious scholar	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I often felt exploited by faculty	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Faculty considered me an asset to their projects	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

While in graduate school, were you required to...

	Yes	No
complete an internship	<input type="radio"/>	<input type="radio"/>
complete a teaching assistantship	<input type="radio"/>	<input type="radio"/>

While in graduate school, did you...

	Yes	No
participate at least once in a science team meeting sponsored by NASA	<input type="radio"/>	<input type="radio"/>
have an opportunity to network with at least one person in NASA	<input type="radio"/>	<input type="radio"/>
have an opportunity to participate in a NASA-sponsored campaign?	<input type="radio"/>	<input type="radio"/>

While in graduate school, how many papers did you present at national and international conferences?

While in graduate school, how many of the following publications did you produce?

	as primary author	as other co-author
refereed journals	<input type="text"/>	<input type="text"/>
non-refereed articles (i.e. newspaper and magazine articles, book reviews)	<input type="text"/>	<input type="text"/>
book chapters/edited book	<input type="text"/>	<input type="text"/>
book published	<input type="text"/>	<input type="text"/>

While in graduate school...

How many applications for U.S. patents have named you as an inventor?	<input type="text"/>
How many U.S. patents have been granted to you as an inventor?	<input type="text"/>

Since leaving graduate school, how many papers have you presented at national and international conferences?

Since leaving graduate school, what type and how many of grants/contracts have you been awarded as a PI?

	0	1-5	6-10	11-15	16-20	21-25	26-30	more than 30
NASA	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Non-NASA US government sources (NSF, DoD, DOE, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
State government	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Local government	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Foundation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Business/industry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Employing organization	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Not-for-profit agency	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Professional society or association	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Since leaving graduate school...

How many applications for U.S. patents have named you as an inventor?

How many U.S. patents have been granted to you as an inventor?

Since leaving graduate school, how many of the following publications did you produce?

	as primary author	as other co-author
refereed journals	<input type="text"/>	<input type="text"/>
non-refereed articles (i.e. newspaper and magazine articles, book reviews)	<input type="text"/>	<input type="text"/>
book chapters/edited book	<input type="text"/>	<input type="text"/>
book published	<input type="text"/>	<input type="text"/>

Since leaving graduate school, did you...

	Yes	No
Accepted NASA internship position(s) offer?	<input type="radio"/>	<input type="radio"/>
Accepted NASA Postdoctoral Program (NPP) offer(s)?	<input type="radio"/>	<input type="radio"/>
Accepted a postdoc position funded by NASA?	<input type="radio"/>	<input type="radio"/>
Accepted a postdoc position funded by a non-NASA source?	<input type="radio"/>	<input type="radio"/>
Accepted a position as a NASA contractor?	<input type="radio"/>	<input type="radio"/>
Accepted a position as a NASA civil servant?	<input type="radio"/>	<input type="radio"/>

Since leaving graduate school, did you...

	Yes	No
apply for funding as a NASA PI unrelated to NESSF or FINESST?	<input type="radio"/>	<input type="radio"/>
receive funding as a NASA PI unrelated to NESSF or FINESST?	<input type="radio"/>	<input type="radio"/>
apply for funding as a NASA PI on a NESSF or FINESST proposal in conjunction with a student?	<input type="radio"/>	<input type="radio"/>
receive funding as a NASA PI on a NESSF or FINESST proposal in conjunction with a student?	<input type="radio"/>	<input type="radio"/>
apply for funding as a NASA co-PI?	<input type="radio"/>	<input type="radio"/>
received funding as a NASA co-PI?	<input type="radio"/>	<input type="radio"/>

## Career Outcome

At the present time, which of the following best describes your employment status?

- employed (including self-employment, postdoctoral appointment, or on a paid or unpaid leave, including vacation)
- not currently working for pay

What best describes your reason for not currently working? (select one)

- further education (excluding postdoctoral study)
- retired
- on layoff from my job
- family responsibilities
- Other (please specify):
- medical conditions (i.e. chronic illness, disability, etc.)
- seeking employment
- do not need or want to work

What type of employer are you currently working for?

- Education - U.S. 4-year college or university
- Education - U.S. university-affiliated research institute
- Education - U.S. community or two-year college
- Education - U.S. preschool, elementary, middle, secondary school or school system
- Education - Foreign educational institution
- Foreign Space Agency
- Government - Foreign government
- Government - U.S. federal government
- Government - U.S. state government
- Other (please specify):
- Government - U.S. local government (e.g., city, county, school district)
- Government - U.S. Military service
- Government - U.S. national laboratory
- NASA Center (including HQ)
- Private Sector - Not for profit organization
- Private Sector- Industry or business (for profit)
- Private Sector- Start-up company
- NASA contractor
- Self-employed

What type of employer have you worked for since leaving your graduate program?

- Education - U.S. 4-year college or university
- Education - U.S. university-affiliated research institute
- Education - U.S. community or two-year college
- Education - U.S. preschool, elementary, middle, secondary school or school system
- Education - Foreign educational institution
- Foreign Space Agency
- Government - Foreign government
- Government - U.S. federal government
- Government - U.S. state government
- Government - U.S. local government (e.g., city, county, school district)
- Government - U.S. Military service
- Government - U.S. national laboratory
- NASA Center (including HQ)
- Private Sector - Not for profit organization
- Private Sector- Industry or business (for profit)
- Private Sector- Start-up company
- NASA Contractor
- Self-employed
- Other (please specify):

Is your current job an academic position?

Yes

No

What type of academic position(s) do you currently hold?

President, Provost, or Chancellor (any level)

Adjunct faculty

Dean (any level), department head or chair

Postdoc (e.g., postdoctoral fellow or associate)

Research faculty, scientist, associate, or fellow

Research assistant

Non-tenure track faculty (e.g., instructor, lecturer, etc.)

Teaching assistant

Tenure-track faculty (e.g., assistant professor, etc.)

Not applicable

Tenured faculty (e.g., associate professor, etc.)

Other position (please specify):

What is the name of your current employer or most recent employer if you are currently unemployed?

What is the title of your position at your current employer or most recent employer if you are currently unemployed?



Please indicate which category your current salary, or most recent salary if you are currently unemployed, fall into (before tax). Do not include bonuses or additional compensation for summertime teaching or research.

- |   |   |
|---|---|
| <input type="radio"/> \$30,000 or less    | <input type="radio"/> \$70,001 - \$80,000   |
| <input type="radio"/> \$30,001 - \$35,000 | <input type="radio"/> \$80,001 - \$90,000   |
| <input type="radio"/> \$35,001 - \$40,000 | <input type="radio"/> \$90,001 - \$100,000  |
| <input type="radio"/> \$40,001 - \$50,000 | <input type="radio"/> \$100,001 - \$110,000 |
| <input type="radio"/> \$50,001 - \$60,000 | <input type="radio"/> \$110,001 or above    |
| <input type="radio"/> \$60,001 - \$70,000 | <input type="radio"/> Don't know            |

Is this salary based on a 52-week year or less than that?

- 52-week year
- less than 52-week
- Please specify the number of weeks your salary is based on.

What are your primary and secondary work activities at your current job, or most recent job if you are currently unemployed?

	Primary	Secondary
Research and development	<input type="radio"/>	<input type="radio"/>
Teaching	<input type="radio"/>	<input type="radio"/>
Management or administration	<input type="radio"/>	<input type="radio"/>
Professional services to individuals	<input type="radio"/>	<input type="radio"/>

Other (please specify):

To what extent is your work on your current /most recent job related to your field of graduate studies?

- Closely related
- Somewhat related
- Not related

How valuable was your NESSF with respect to the following:

	not at all valuable	neutral	somewhat valuable	very valuable
open doors professionally	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
having autonomy as a graduate student	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
having freedom to pursue research projects of your personal interest	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
having freedom to pursue risky research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
having freedom to pursue high impact research projects	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
having freedom to pursue interdisciplinary research projects	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Additional comments or input:

Are you willing to serve as a NASA proposal reviewer/panelist?

- Yes
- Maybe
- No

Are you willing to be contacted for a 15 min. interview?

Yes

No

What is your gender?

Female

Male

Do not wish to provide

What is your ethnicity?

Hispanic or Latino

Not Hispanic or Latino

Do not wish to provide

What is your race? (select as many as apply)

American Indian or Alaskan Native

Native Hawaiian or Other Pacific Islander

Asian

White

Black or African American

Do not wish to provide

What is the highest degree that you have attained?

Bachelor's Degree

Master's degree (e.g., MA, MS, MBA, MSW, etc.)

Professional degree (e.g., MD, DDS, JD, D.Min., Psy.D., etc.)

Research doctoral degree or Ph.D.

Other (please specify):

What is the highest educational attainment of your mother and father?

	Mother	Father
Less than high/secondary school graduate	<input type="radio"/>	<input type="radio"/>
High/secondary school graduate	<input type="radio"/>	<input type="radio"/>
Some college	<input type="radio"/>	<input type="radio"/>
Bachelor's degree	<input type="radio"/>	<input type="radio"/>
Master's degree (e.g., MA, MS, MBA, MSW, etc.)	<input type="radio"/>	<input type="radio"/>
Professional degree (e.g., MD, DDS, JD, D.Min., Psy.D., etc.)	<input type="radio"/>	<input type="radio"/>
Research doctoral degree or Ph.D.	<input type="radio"/>	<input type="radio"/>
Do not know	<input type="radio"/>	<input type="radio"/>

Do you have a disability?

- Yes
- No
- Do not wish to provide

Is English your first/native language?

- Yes
- No
- Do not wish to provide

What is your name?

first name	<input type="text"/>
middle name	<input type="text"/>
last name	<input type="text"/>

Has your name changed since your NESSF application?

yes

no

If yes, please explain:

What is your best contact email address?

What is your best contact phone number?

Thank you for your participation! Do you have any additional input to any of the questions in this survey?