

National Aeronautics and  
Space Administration



**Headquarters**  
Washington, DC 20546-0001

April 5, 2024

Reply to Attn of: Space Technology Mission Directorate / Space Technology Research Grants Program

Claire Lessler  
6054 S Drexel Ave  
Ste 300  
Chicago, IL 60637-2612

Dear Claire Lessler:

We have completed the evaluation of the proposal titled “*Precision Spectroscopic Calibration and Next-Generation Millimeter-Wave Spectrometers*” (23-NSTGRO24-0255), that you submitted in response to the 2024 NASA Space Technology Graduate Research Opportunities (NSTGRO24) solicitation. Your proposal was **selected** for award - congratulations!

Being selected as a NASA Space Technology Graduate Research Fellow is a real mark of distinction. Because of your exceptional background and potential for research, you have been chosen to develop groundbreaking, high-risk/high-payoff, early stage space technology. Your contributions will help make science and space exploration more effective, affordable, and sustainable.

Please confirm whether you intend to accept this offer no later than April 26, 2024, by sending an email to Matthew Deans, the Program Executive for these graduate research awards, at [hq-nstgro-call@mail.nasa.gov](mailto:hq-nstgro-call@mail.nasa.gov). If you intend to accept this offer, your email must include the following additional information:

1. The name of the academic institution at which you will be enrolled, full-time, in the fall of 2024.
2. The name of your advisor in the fall of 2024.

If you do intend to accept this offer, authorized personnel at your university must upload a budget with justification, a Data Management Plan (DMP), and a CV of the faculty advisor (PI) via the NSPIRES site. These documents must be approved by the university’s authorized organizational representative (AOR) no later than May 10, 2024.

NSTGRO awards are made initially for one year and may be renewed, contingent upon satisfactory progress and the availability of funds. Based on the information you provided in your proposal, you are eligible for a maximum of four years of support in pursuit of your doctoral degree. Please recall the following annual budget categories from the solicitation:

Category	Maximum value (annual)
Student Stipend	\$40,000
Student Support Allowance	\$11,000

Category	Maximum value (annual)
Visiting Technologist Experience Allowance	\$10,000
Health Insurance Allowance	\$2,500
Tuition and Fees Allowance	\$20,500
<b>TOTAL</b>	<b>\$84,000</b>

The Notice of Federal Award signed by a NASA Shared Service Center (NSSC) Grants Officer is the document that provides the authority to begin performance of the grant award. A final award determination and receipt of the Notice of Federal Award is subject to NASA's completion of pre-award activities, including a pre-award risk assessment. You may determine the status of grant processing by checking the Grant Status Query Page (<https://www.nssc.nasa.gov/grantstatus>), telephoning the NSSC at 1-877-677-2123, or emailing the NSSC Contact Center ([nssc-contactcenter@nasa.gov](mailto:nssc-contactcenter@nasa.gov)).

As stated in the NSTGRO24 Appendix, the selected proposer is expected to pursue the space technology research described in the Project Narrative; changes in research focus require Space Technology Research Grants Program approval.

Finally, please note that the research collaborator identification and assignment process is separate and internal and will commence once all acceptance emails from the NSTGRO24 award class have been received. Awardee/faculty advisor/research collaborator introductions are planned for late-July (i.e., prior to the start of the awards).

You may send inquiries to [hq-nstgro-call@mail.nasa.gov](mailto:hq-nstgro-call@mail.nasa.gov); please include telephone contact information.

Once again, congratulations. We very much look forward to welcoming you into the community of NASA space technology researchers!

Sincerely,



Jenn Gustetic, Selection Official  
Early Stage Innovations and Partnerships Director  
Space Technology Mission Directorate

cc: The University of Chicago / Jeff McMahon  
cc: The University of Chicago / Jennifer Ponting