

Application Form

2021 Distinguished Undergraduate Hypersonics Research Scholarship Program

Eligibility:

- Full-time undergraduate student (minimum of 12 credit hours)
- Graduation date not before April, 2022
- U.S. citizenship
- Enrolled at the University of Tennessee, Georgia Institute of Technology, Ohio State University, Florida A&M University- Florida State University College of Engineering, Purdue University, Missouri University of Science & Technology or University of Virginia
- Faculty member at the applicant's university must agree to be the research advisor. University of Tennessee student applicants must have a research advisor from UT Space Institute
- Applicant agrees to present research results virtually at the Undergraduate Hypersonics Research Symposium, tentatively on September 3, 2021
- Applicant available for 10 weeks of full time employment between May 17, 2021 and August 27, 2021

Applicant information

- First name:
- Last name:
- Contact email:
- Contact address:
- Cell phone:
- I am a US citizen: ___Yes ___No
- I agree to present at the Undergraduate Hypersonics Research Symposium (tentatively September 3, 2021): ___Yes ___No
- Research advisor listed below has agreed to advise the proposed research: ___Yes ___No
- Proposed dates of internship:
 - From <month/day/2021> through <month/day/2021>

Optional applicant information

- Gender:
- Race:
- Birth date:

Educational information:

- University of study:
- Degree of study:
- Major(s):
- Minor(s):
- Expected graduation date:
- 12 or more credit hours in Spring semester 2021: ___Yes ___No

- Current cumulative GPA:

Research advisor:

- First name:
- Last name:
- Title:
- Email:
- Phone:
- University:
- Department:

Research Proposal Title: *<insert text here>*

Research Proposal Summary: (750 words or less, figures count as 200 words, references optional. Must be written by the student. Explain key elements of your proposed research and how it aligns with JHTO research priorities; 1) Materials, Structures, and Thermal Protection Systems, 2) Guidance, Navigation, and Control, 3) Air-Breathing Propulsion, 4) Hypersonic Environments and Phenomenology, 5) Applied Aerodynamics and Hypersonic Systems, and 6) Lethality and Energetics.)

<insert text here>

Resume (Maximum 2 pages. Copy and paste below)

<insert pages here>

Email from proposed faculty research advisor (Short statement of support for the application, including statement of availability of resources and a guarantee of cost share if offered. Copy and paste below)

<insert email here>

To submit your application, email this document by 11:59 pm EST, February 28, 2021, with the subject heading “HYPERSONICS SCHOLARSHIP,” as a single Microsoft Word or PDF file to your university’s point of contact below:

- University of Virginia: Prof. Chris Goynes, goyne@virginia.edu
- University of Tennessee Space Institute: Prof. Ragini Acharya, ragini.acharya@utsi.edu
- Georgia Institute of Technology: Prof. Dimitri Mavris, dimitri.mavris@aerospace.gatech.edu
- Ohio State University: Prof. Jim Gregory, gregory.234@osu.edu
- Florida A&M University-Florida State University College of Engineering: Prof. Farrukh Alvi, alvi@eng.famu.fsu.edu
- Purdue University: Prof. Jonathan Poggie, jpoggie@purdue.edu
- Missouri University of Science & Technology: Prof. David Lipke, lipke@mst.edu

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