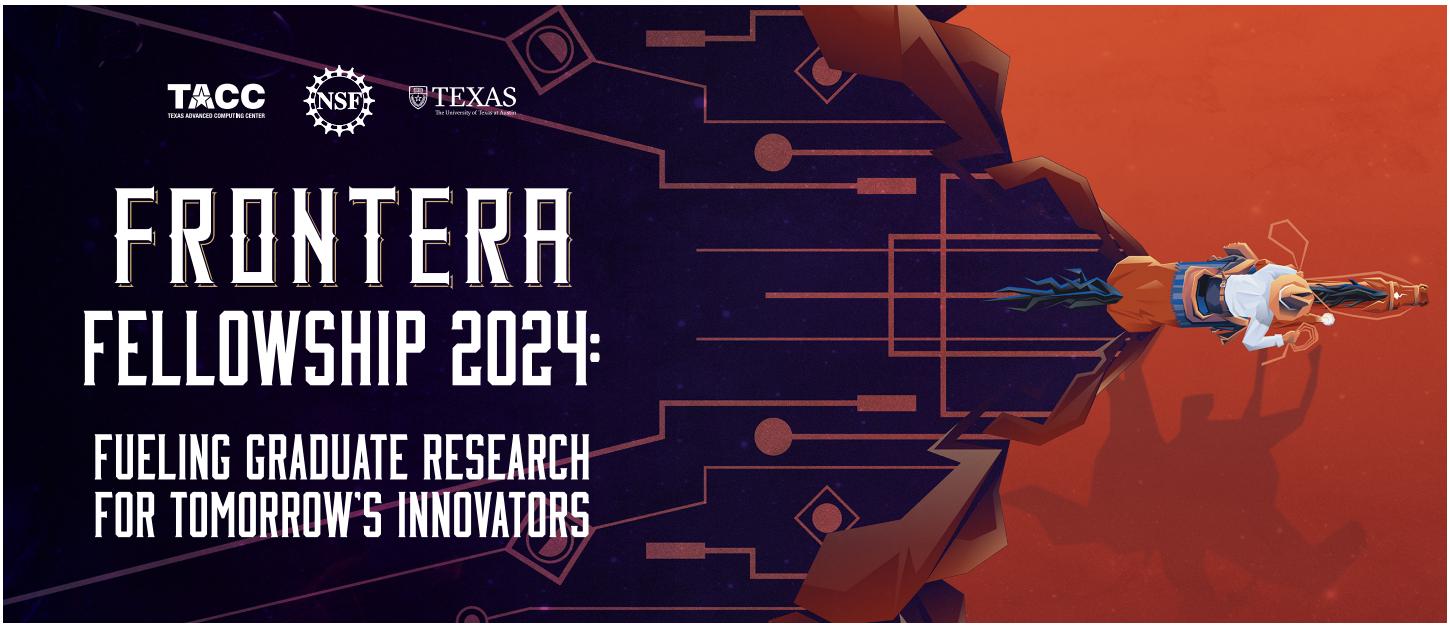

Are you a passionate graduate student looking to advance your research potential in computational science? The Frontera Computational Fellowship, funded by the National Science Foundation (NSF), offers you an opportunity to harness the power of supercomputing at the Texas Advanced Computing Center (TACC).

Fellowship Dates

JUNE 1, 2024 – MAY 31, 2025

Application Deadline

FEBRUARY 6, 2024

Fellows Recieve

- Stipend of **$34,000**
- Up to **$12,000** in tuition allowance throughout the year
- **50,000** node-hours on Frontera
- **Travel support** to present research
- Week long summer and spring **residence** at TACC

How to Apply

1. Prepare your research proposal.
2. Secure two letters of recommendation.
3. Complete the online application.

For More Information:

Eligibility

Graduate students from diverse fields including, but not limited to, computer science, engineering, physics, biology, and social sciences are encouraged to apply. You should have a strong interest in leveraging advanced computing resources for your research.

- Be enrolled as a PhD graduate student at the time of application
- Have completed at least one year of their graduate program as of March 2024
- Have an approved dissertation and research topic by your PhD committee at time of application
- Have at least one full year remaining in their program as of June 2024
- Be able to attend a week long summer in residence at TACC in the year of award

Why Choose the Frontera Fellowship

- **NSF Funding:** Benefit from prestigious support for your research endeavors.
- **Access to Frontera:** Gain access the fastest academic supercomputer in the U.S. and the most powerful ever deployed by the NSF.
- **Mentorship:** Collaborate with leading experts in high performance computing.
- **Research Excellence:** Elevate your research to new heights with cutting-edge computational resources.
- **Networking:** Connect with a vibrant community of scholars and researchers.
- **Professional Development:** Hone your skills in high performance computing.

ABOUT FRONTERA:

Frontera opens up new possibilities in science and engineering by providing computational capability that makes it possible for investigators to tackle much larger and more complex research challenges across a wide spectrum of domains. Frontera is the flagship system for TACC and the most powerful supercomputer deployed by the NSF.

Frontera Specifications

- Processors: Intel 8280 "Cascade Lake"
- Cores/Node: 56 (28 per socket)
- Clock Rate: 2.7Ghz (Base Frequency)
- Peak Node Performance: 4.8TF, Double Precision
- Memory/Node: 192GB DDR-4
- Local Disk: 480GB SSD drive
- Network: Mellanox Infiniband, HDR-100

ABOUT TACC

Our mission is to enable discoveries that advance science and society through the application of advanced computing technologies.

For over 21 years, the Texas Advanced Computing Center at The University of Texas at Austin has designed and deployed the world's most powerful advanced computing technologies and software solutions to enable researchers to answer the most challenging questions facing our society today.

For more information please visit: **tacc.utexas.edu**

Connect with us:

✉: fcsf@tacc.utexas.edu

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