

Director's Select Graduate Research Assistant (GRA) TTU, HPCC

The Texas Tech University - High Performance Computing Center (HPCC) is currently seeking a highly motivated and dedicated Graduate Research Assistant (GRA) beginning as early as the Spring 2026 semester. The Director's Select GRA position offers salary and tuition support and is exclusively available to graduate students. We are looking for candidates pursuing a Ph.D. in computer science or any other computationally intensive discipline, such as quantum chemistry, mechanical engineering, chemical engineering, molecular dynamics, physics, or bioinformatics, and who are enthusiastic about advancing academic research in advanced computing in these fields.

Role Description: The selected GRA will play a crucial role in supporting the HPCC staff in maintaining cluster operations and addressing user needs while simultaneously conducting research relevant to their graduate degree. This position is designed to offer hands-on experience in the operational conditions for high-performance computing, directly benefiting students' research pursuits.

Minimum Requirements: To be considered for this prestigious opportunity, the candidate must meet the following requirements:

- Align their research direction with the approval of the Managing Director, TTU HPCC, and their academic supervisor.
- Undertake assigned tasks across various areas, including but not limited to Computational Science, High-Performance Computing, Distributed Computing, Cloud Computing, and other computationally intensive fields.
- Fulfill responsibilities involving testing and prototyping advanced scientific and engineering computational methods and software, addressing user tickets, exploring and optimizing the usage of new hardware and software, and providing in-depth customer support as required by the immediate supervisor or HPCC staff.
- Actively engage in activities leading to new research opportunities that align with their academic curriculum while diligently fulfilling their primary responsibilities towards the HPCC, unless explicitly approved by their supervisor and HPCC Administration.

Preferred Qualifications: Candidates with additional qualifications demonstrating exceptional academic or research acumen will be given high regard during the selection process, e.g.,

- Journal or conference publications, mentorship experience, and outreach activities

Position Details: The GRA must be enrolled for at least 9 credit hours to be eligible for this exempt position. This is a **12-month appointment** with an expected commitment of 20 hours of work per week. Please note that this is a **Security Sensitive Level II** position. Applicants will be subject to a criminal background check and must pass a pre-employment drug and alcohol test after receiving a conditional offer of employment, but before final confirmation of employment.

How to Apply: Prospective students who meet the qualifications for this prestigious opportunity should submit their CV, cover letter, and transcripts to **hpccsupport@ttu.edu** and arrange to have their advisor send in their corresponding letter of support by **Monday, January 26, 2026** for full consideration.

We encourage all qualified candidates to apply for this Director's Select Graduate Research Assistant position and join us in making significant advancements in the field of high-performance computing. Should you have any questions or need further information, please do not hesitate to contact us by email at **hpccsupport@ttu.edu**.