

7 GAANN Fellowships for Ph.D. Study **Now Available**



Cybersecurity of Critical Infrastructure and Artificial Intelligence

These \$34,000 Annual Fellowships also provide for full tuition, fees, books, conference travel, and other educational expenses.

The Electrical and Computer Engineering (ECE) Department of Texas Tech University (TTU) is recruiting highly-motivated students to pursue a Ph.D. in Electrical Engineering under a Graduate Assistance in the Areas of National Need (GAANN) award from the US Department of Education.

Emerging Areas:

- Cybersecurity of Industrial Control Systems
- Detection and Mitigation of Stealth Attacks in Critical Infrastructures
- Cybersecurity of Smart Grid with Distributed Renewable Sources and Storage Systems
- Artificial Intelligence and Machine Learning Algorithms for Cybersecurity
- Deep Learning-Based Forecasting and Detection Methods

Fellowship Requirements:

- US citizens or permanent residents
- Excellent academic credentials, with a BS or MS degree in EE, CMPE, CS, Math, Physics, or another related field
- Graduating Students in the Spring, Summer and Fall 2019 are encouraged to apply
- Admission into the Ph.D. program in EE at TTU
- Plans for a career in research or teaching

GAANN Program Features:

- Annual Fellowship of up to \$34,000 based on financial need as established by FAFSA
- Allowance for full tuition, fees, books, conference travel, and other educational expenses
- Continued support to Fellows with good academic standing through completion of Ph.D. program
- Supervised teaching experience
- Internship Opportunities

Participating Faculty Members in the Grant:

Vittal S. Rao, Brian Nutter, Ranadip Pal, Beibei Ren, Miao He, and Michael Giesselmann



TEXAS TECH UNIVERSITY

Department of Electrical & Computer Engineering

For additional information or to apply, please contact:

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www.depts.ttu.edu/ece/GAANNfellowships.php