GAANN: Advanced Computing

Graduate Assistants in Areas of National Need
Proposal Funded by: US Dept. of Education

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Advanced Computing Spans:
Biomedical Informatics (BMI)
Underwater Sensor Networks (UW SN)
Advanced Computing and its Focal Areas

Advanced Computing
Ammar (CSE)

Biomedical Informatics
Demurjian (CSE) and Rajasekaran (CSE)

Underwater Sensor Networks
Cui (CSE) and Zhou (ECE)

AC-FA1
Bio/Genome Informatics: Super Computing
Ammar (CSE)
Graveley (GDB)
Gryk (MMSB)
Huang (CSE)
Kuo (STAT)
Mandoiu (CSE)
Moraru (CCAM)
Rajasekaran (CSE)
Schiller (MMSB)
Shin (CSE)
Wu (CSE)

AC-FA2
Medical Informatics: Data Warehousing and Data Mining
Ammar (CSE)
Agresta (DFM)
Aseltine (PHDS)
Demurjian (CSE)
Harel (ST)
Huang (CSE)
Kim (CSE)
Mandoiu (CSE)
Rajasekaran (CSE)
Shin (CSE)

AC-FA3
Security and Networks
Demurjian (CSE)
Kiayias (CSE)
Russell (CSE)
Shvartsman (CSE)
Ammar (CSE)

AC-FA4
Architectures and Protocols
Ammar (CSE)
Bagtzoglou (CEE)
Cui (CSE)
Fei (CSE)
Kim (CSE)
Liu (CEE)
Rajasekaran (CSE)
Torgerson (MS)
Shi (CSE)
Zhou (ECE)
Wang (CSE)

AC-FA5
Systems and Devices
Auster (MS)
Cui (CSE)
Chandy (ECE)
Fei (ECE)
Li (CEE)
Lei (CMBE)
Pattipati (ECE)
Shi (CSE)
Zhou (ECE)
Wang (ECE)
Willett (ECE)
GAANN Funding

- Support for Five Doctoral Students (each for 3 years), who Must be US Citizen or Permanent Resident
- One Student will be Funded in the Areas of
  - **BMI**
    - Bio/Genome Informatics: Supercomputing
    - Medical Informatics: Warehouses and Mining
  - **UWSN**
    - Architecture and Protocols
    - Systems and Devices
  - 5th student in Security and Networks will be in either BMI or UWSN
- Educational Program for GAANN includes Research, Training in Teaching, etc., to Prepare Graduates to be Faculty Members