

DEPARTMENT
AT A GLANCE
(2018)

15

FULL-TIME FACULTY

\$3.6M

RESEARCH SPENDING

445

GRADUATE STUDENTS

GRANTS &
COLLABORATIONS

Air Force Office of
Science Research

Army Research Office

Hewlett Packard

National Aeronautics &
Space Administration

National Institute for
Standards & Technology

National Institutes of
Health

National Security Agency

National Science
Foundation

Office of Naval Research

Department of Computer Science

FACULTY AND RESEARCH FACT SHEET (2018)

**Research areas feature only a sample. Please visit websites for full research details and current projects.*

- MACHINE LEARNING
- AI ETHICS AND FAIRNESS
- PRIVACY AND SECURITY

Faculty: Dr. Aylin Caliskan,
Professor

Website: <https://www.seas.gwu.edu/~aylin>

- CYBERSECURITY AND PRIVACY
- BLOCKCHAIN THEORY AND APPLICATIONS
- IOT AND EDGE COMPUTING

Faculty: Dr. Xiuzhen (Susan)
Cheng, Professor

Website: seas.gwu.edu/~cheng

- ALGORITHMS & THEORY
- SCHEDULING AND OPTIMIZATION
- NETWORKING AND MOBILE COMPUTING

Faculty:

Dr. Hyeong-Ah Choi, Professor

Website: seas.gwu.edu/~hchoi

- ARTIFICIAL INTELLIGENCE
- SEARCH AND DATA MINING
- STATISTICAL NATURAL LANGUAGE PROCESSING

Faculty:

Dr. Mona Diab, Professor

Website: cs.seas.gwu.edu/mona-diab

- COMPUTER APPLICATIONS IN MEDICINE
- GRAPHICS & VISION

Faculty: Dr. James Hahn,
Professor

Website: seas.gwu.edu/~hahn

- RECRUITMENT AND RETENTION OF WOMEN IN ENGINEERING
- CURRICULUM DEVELOPMENT IN CYBERSECURITY
- HUMAN COMPUTER INTERACTION

Faculty:

Dr. Rachelle Heller, Professor

Website: seas.gwu.edu/~sheller

- COMPUTER SECURITY & INFORMATION ASSURANCE
- CYBERSECURITY

Faculty:

Dr. Lance Hoffman,
Distinguished Research
Professor Emeritus

Website: cs.seas.gwu.edu/lance-j-hoffman

- COMPUTER SECURITY & INFORMATION ASSURANCE
- NETWORKING & MOBILE COMPUTING
- SOFTWARE ENGINEERING & SYSTEMS

Faculty: Dr. Bhagirath Narahari,
Associate Dean & Professor

Website: seas.gwu.edu/~narahari

- OS DESIGN FOR MASSIVE PARALLELISM
- SECURITY FOR EMBEDDED SYSTEMS
- SOFTWARE ENGINEERING & SYSTEMS

Faculty: Dr. Gabriel Parmer,
Associate Professor
Website: cs.seas.gwu.edu/gabriel-parmer

- COMPUTER VISION
- MACHINE LEARNING
- VIRTUAL REALITY

Faculty: Dr. Robert Pless,
Department Chair & Professor
Website: cs.seas.gwu.edu/robert-pless

- EDUCATIONAL TECH/CS EDUCATION
- APPLIED AI/DATA SCIENCE
- COMPLEX SYSTEMS

Faculty: Dr. Rahul Simha,
Professor
Website: seas.gwu.edu/~simha

- DIGITAL MEDIA
- SECURE ELECTRONIC VOTING

Faculty: Dr. Poorvi Vora,
Professor
Website: seas.gwu.edu/~poorvi

- CLOUD COMPUTING
- SOFTWARE ENGINEERING & SYSTEMS

Faculty: Dr. Timothy Wood,
Associate Professor
Website: cs.seas.gwu.edu/timothy-wood

- CRYPTOGRAPHY
- BIG DATA

Faculty: Dr. Arkady
Yerikhimovich, Professor
Website: www2.seas.gwu.edu/~arkady/

- ALGORITHMS & THEORY
- DIGITAL MEDIA
- SEARCH & DATA MINING

Faculty:
Dr. Abdou Youssef, Professor
Website: seas.gwu.edu/~ayoussef

Department Contact:

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cs@gwu.edu

Admissions Information:

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engineering@gwu.edu