

THE GEORGE WASHINGTON UNIVERSITY

WASHINGTON, DC

DEPARTMENT AT A GLANCE (2017)

12

FULL-TIME FACULTY

\$550K

RESEARCH SPENDING

49

GRADUATE STUDENTS

GRANTS & COLLABORATIONS

Alfred Sloan Foundation

American Chemical Society

DC Water and Sewer Authority

Federal Highway Administration

Honda R&D Americas, Inc.

National Academy of Sciences

National Science Foundation

U.S. Department of Agriculture

U.S. Department of State

Department of Civil & Environmental Engineering

FACULTY AND RESEARCH FACT SHEET (2017)

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

- APPLIED MATHEMATICS
- MATERIALS SCIENCE
- THEORETICAL & COMPUTATIONAL MECHANICS

Faculty: Arzhang Angoshtari, Assistant Professor

Website: blogs.gwu.edu/aangoshtari

- CONCRETE DECK PANEL SYSTEMS
- CONCRETE STRUCTURES ON BUILDINGS & HIGHWAY BRIDGES
- PRESTRESSED CONCRETE GIRDERS

Faculty: Sameh Badie, Professor

Website: cee.seas.gwu.edu/sameh-s-badie

- ENVIRONMENTAL & WATER RESOURCES ENGINEERING
- LAND-ATMOSPHERE INTERACTION

Faculty: Leila Farhadi, Assistant Professor

Website: cee.seas.gwu.edu/leila-farhadi

- DISASTER MANAGEMENT & EVACUATION
- TRANSPORTATION SAFETY ENGINEERING

Faculty: Samer Hamdar, Associate Professor

Website: cirs.gwu.edu

- MECHANICS OF STRUCTURES
- SOLIDS & FLUIDS
- THEORY & APPLICATION OF FINITE ELEMENT METHOD

Faculty: Muhammad Haque, Professor

Website: cee.seas.gwu.edu/muhammad-i-haque

- MATERIALS IN EXTREME ENVIRONMENTS

Faculty: Russell Hemley, Research Professor

Website: cee.seas.gwu.edu/russell-j-hemley

- INTERFACES OF MATERIALS UNDER EXTREME CONDITIONS
- MOLECULAR MECHANISMS OF MATERIALS

Faculty: Tianshu Li, Associate Professor

Website: blogs.gwu.edu/tsli

- EARTHQUAKE ENGINEERING
- MECHANICS
- STRUCTURAL ENGINEERING

Faculty: Majid Manzari, Department Chair & Professor

Website: cee.seas.gwu.edu/majid-t-manzari

- PROCESSES FOR CARBON & NITROGEN REMOVAL
- SMALL-SCALE SEWAGE TREATMENT
- WASTEWATER TREATMENT

Faculty: Rumana Riffat, Associate Dean & Professor

Website: riffatlab.weebly.com

- DESIGN, FABRICATION, CONSTRUCTION PROCESSES
- DISTORTION-INDUCED FATIGUE OF STEEL HIGHWAY BRIDGES
- STRUCTURAL ENGINEERING

Faculty: Kim Roddis, Professor
Website: cee.seas.gwu.edu/w-m-kim-roddis

- ENVIRONMENTAL CHEMISTRY
- CATALYSIS
- NANOTECHNOLOGY
- WATER TREATMENT

Faculty: Danmeng Shuai, Assistant Professor
Website: materwatersus.weebly.com

- EARTHQUAKE ENGINEERING
- REINFORCED CONCRETE SLENDER BRIDGE COLUMNS
- STRUCTURAL ENGINEERING

Faculty: Pedro Silva, Associate Professor
Website: cee.seas.gwu.edu/pedro-silva

Department Contact:

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cee@gwu.edu

Admissions Information:

graduate.seas.gwu.edu
engineering@gwu.edu