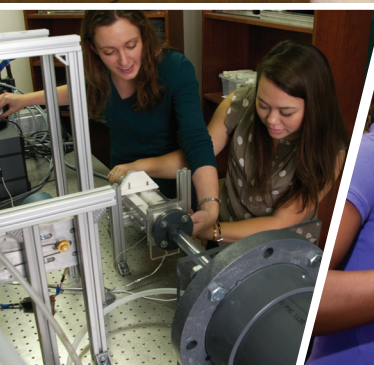
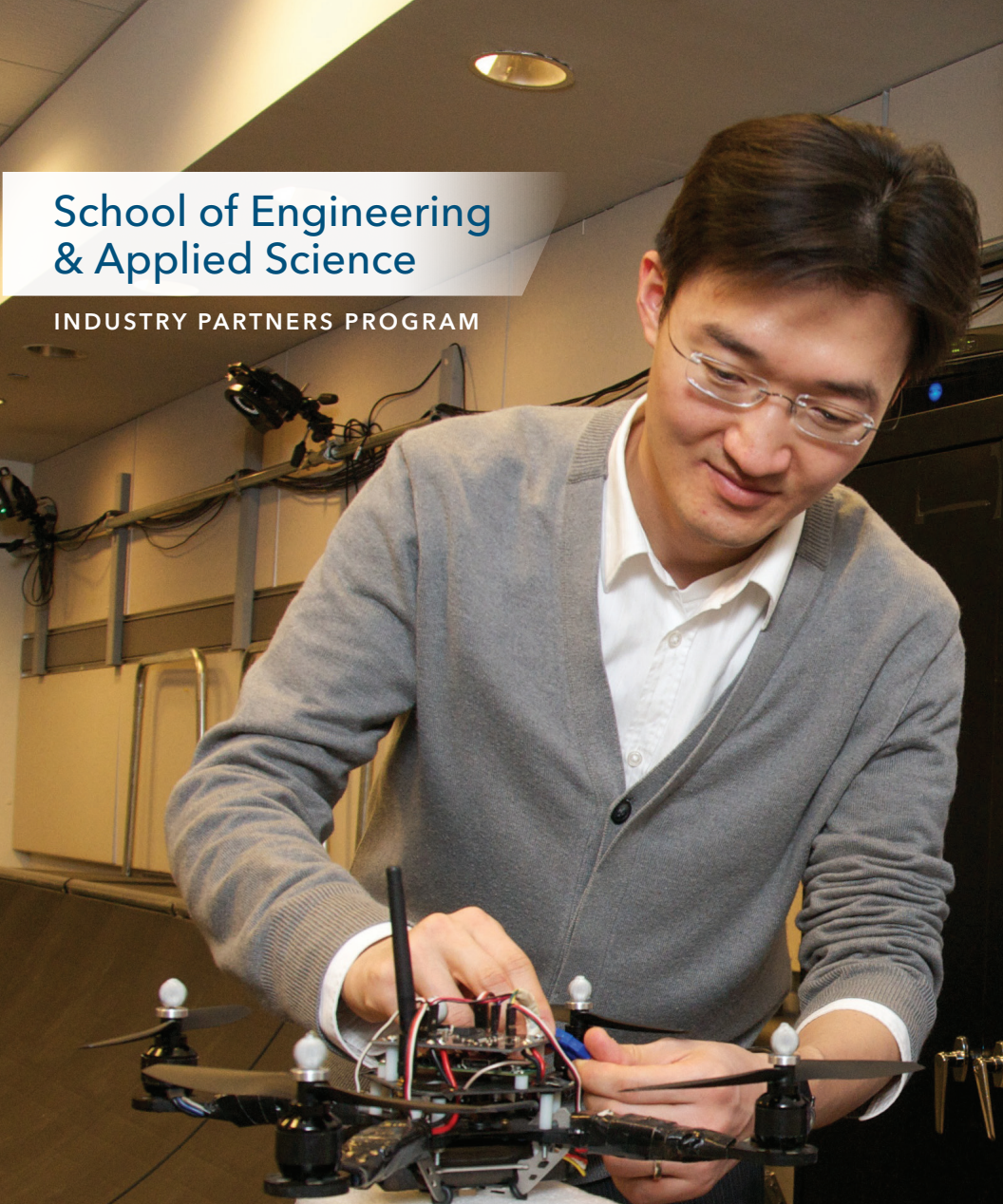


School of Engineering & Applied Science

INDUSTRY PARTNERS PROGRAM



THE GEORGE
WASHINGTON
UNIVERSITY

WASHINGTON, DC

SEAS: CREATING A CULTURE OF COLLABORATION

The George Washington University's School of Engineering and Applied Science (SEAS) sits at the center of one of the greatest clusters of STEM (science, technology, engineering, and math) research and activity in the world, and we are capitalizing on this tremendous advantage. SEAS is undergoing an astonishing transformation in faculty hiring, research funding, and student selectivity and enrollment.



This transformation is enabling us to position the school as an incubator for innovation and collaborative engineering research and learning just blocks from the nation's policymaking centers and surrounded by federal laboratories and agencies, research institutes, and corporate interests, all of which are developing STEM research and policies.

Our vision is nothing less than to become a world-class center for innovation and collaborative engineering research and learning in the heart of the nation's capital. With close proximity to policy experts, business experts, and lawyers with expertise in entrepreneurial and intellectual property matters, SEAS is able to support a full spectrum of interactions with our partners: everything from initiating collaborative research projects with corporations, to developing start-up companies with local entrepreneurs, to hosting national engineering symposia and keynote addresses by distinguished visitors.

I invite you to learn more about our programs and partner with SEAS to advance engineering innovation in Washington, D.C.'s premier academic engineering center.

Sincerely,

A handwritten signature in black ink that reads "DS Dolling". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

David S. Dolling
Dean



SEAS: An Incubator for Innovation

With the construction of its new 500,000-square-foot, state-of-the-art Science and Engineering Hall (SEH), GW has made significant investments in the infrastructure that supports our research and teaching. Our academic programs—conducted in the SEH and reinforced by the resources of the surrounding metro-area STEM cluster—produce engineers and computer scientists accustomed to a climate of innovation and able to help develop solutions that address the needs of industry and government.

The university has made the single largest investment in its history—\$300M—for the construction of the new Science and Engineering Hall.



13 Certificate Programs



11 Academic Departments



LEED Gold Certification

“Our relationship with SEAS enables Clark to cultivate the next generation of transformative engineers, who are positioned to excel as future leaders in the field.”

Greg Colevas
Clark Construction, Division President



“Our SEAS partnership allows us to collaborate on diverse technical topics and engage in collaborative problem solving to meet the growing needs of our customers.”

Dr. S. Gulu Gambhir
Leidos Chief Technology Officer, Senior Vice President

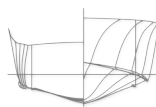


SEAS Industry Partners Program

The SEAS Industry Partners Program supports a full spectrum of interactions with our partners, providing them with special access to the school's teaching and research programs, as well as the opportunity to interact and build professional relationships with SEAS students, faculty, and alumni.

Partner with SEAS to:

- Recruit Talent
- Enhance Your Visibility
- Collaborate on Innovative Research and Development
- Provide Executive Professional Development



DONALD L. BLOUNT AND ASSOCIATES, INC.
PHYSICAL AND CHEMICAL/MATERIALS ENGINEERING





From left: Adrianna Colona, Victoria Engh



Adrianna Colona

Student Spotlight

Last summer three of our brightest engineers had the opportunity to intern at CAE, the world's largest provider of flight simulations systems. Allison Below, BA '16, Adrianna Colona, BS '16, and Victoria Engh, BS'17 participated in a rotational internship program that took them each to Canada, the United Kingdom, Italy, and Germany to work on site with CAE engineers. During their internships, they learned how to maintain technical operations for high-fidelity flight simulation systems and supported live training operations.



90%

of SEAS students complete internships or co-ops.



Recruit Talent

As an Industry Partner, your organization has primary opportunities to meet and recruit top graduate and undergraduate engineering students for internships, co-ops, and full-time positions. Industry Partners may participate in:

- On-Campus Recruiting
- On-Campus Interviews
- Professional Development and Career Preparation Workshops and Panels:
 - o Resume and Cover Letter Reviews
 - o Mock Interviews
 - o Industry Trends Panels
 - o Company Site Visits



38%

SEAS actively recruits and develops aspiring female engineers. Female students make up 38 percent of the SEAS undergraduate student population, approximately twice the national average.



Our Students

Over the past five years SEAS has boosted student enrollment and selectivity at both the undergraduate and graduate levels, with undergraduate enrollment up by 34 percent and master's program enrollment up by 37 percent.



Enhance Your Visibility

A corporate sponsorship with SEAS provides a platform to boost your organization's visibility within the GW community and among our corporate and government partners.

Partner with SEAS in the following events:

- **GW Engineering Hall of Fame and Awards Dinner**
This dinner recognizes and honors distinguished SEAS alumni, faculty, and partners who have influenced engineering, technology, or management in a sustained and significant way.
- **SEAS Student Research & Development Showcase**
This premier event highlights the latest in SEAS student R&D and creates opportunities for industry and government partners to identify promising research and networks.

Collaborate on Innovative Research and Development

Partner with our faculty to develop solutions to the world's most challenging problems and bring them to the marketplace.

Through a partnership with SEAS, you can:

- Fund existing research
- Collaborate on new initiatives that fulfill industry needs
- Sub-contract research to faculty
- Access core facilities with state-of-the-art equipment



Over the past four years, the school has grown its research expenditures by 60% by building robust research programs in critical technological sectors.

Provide Executive Professional Development

Fulfill your corporate training and continuing education needs at SEAS.

Professional Engineering Programs:

The following online programs enable professionals to easily pursue advanced study in a focused environment.

- Doctor of Engineering in Engineering Management
- Master's of Engineering in Cybersecurity Policy and Compliance

SEAS faculty are at the center of innovation in the following areas:



biomedical engineering



cybersecurity



big data



nanophotonics



robotics



climate informatics



risk management



high-performance computing



fluid dynamics



autonomous transportation

Provide Executive Professional Development *(Cont'd)*



Innovative Off-Campus Programs

SEAS's partnerships with major organizations make it possible to offer academically rigorous experiences to industry professionals.

Our Engineering Management and Systems Engineering Off-Campus programs (EMSE-OCP) bring the strength of our on-campus programs to working students at various off-site locations. EMSE-OCP offers master's and doctoral programs in an entirely online format and in person.

On-Campus Graduate and Certificate programs include:

Graduate (M.S. and Ph.D.)

Biomedical Engineering
Civil and Environmental Engineering
Computer Engineering
Computer Science
Cybersecurity
Cybersecurity Policy and Compliance
Electrical Engineering
Engineering Management
Mechanical & Aerospace Engineering
Systems Engineering
Telecommunications Engineering
(M.S. Only)

Graduate Certificates

Computer Security & Information Assurance
Computer-Integrated Design in Mechanical & Aerospace Engineering
Emergency Management & Public Health
Energy Engineering & Management Engineering & Technology Management
Enterprise Information Assurance
Environmental Engineering
Geoenvironmental Engineering
High-Performance Computing
Homeland Security Emergency Preparedness and Response
Structural Engineering
Systems Engineering
Transportation Engineering

making **HISTORY**

THE CAMPAIGN FOR GW

For more information, please contact:

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Washington, D.C. 20052
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seas@gwu.edu



