



PRINCETON

School of
Engineering
and Applied
Science

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Welcome to the Princeton School of Engineering's GEM Grad Lab!

I wish to extend a warm welcome to GEM, GEM members, and colleagues from Columbia, Rutgers, and NYU who are co-hosting this event with us. We at Princeton University's School of Engineering and Applied Science are delighted to host this GEM Grad Lab because we believe that the field of engineering cannot thrive in solving the greatest challenges facing humanity without embracing the diverse ideas and experiences of people of different backgrounds. In this way, we echo GEM's incredible commitment and mission to enhance the diversity of those enrolling in graduate programs in engineering and science.

I hope that you will take advantage of the program today to learn how an advanced degree could help you pursue an exciting research opportunities and a high-impact career. I encourage you to meet one another and attend the graduate resource fair to meet with representatives from regional schools to learn about their programs and resources. I encourage you to engage with our Princeton colleagues and find out about our world-class engineering programs.

You are visiting us at a very exciting time because we are heralding in an era of unprecedented growth. We are growing our faculty tremendously over the next few years and building new interdisciplinary research initiatives, which will even further expand opportunities for graduate students to collaborate and achieve the impact you seek. This growth will add to the more than [40 areas of research](#) we currently house at our world class institution within our 6 academic departments. As dean, I am committed to taking our school of engineering to new heights and ensuring it is a place where anything can be made to happen. We have innovative and interdisciplinary research initiatives in bioengineering, robotics, quantum computing, the future of cities, and data science including artificial intelligence (AI), and machine learning (ML). Across these initiatives, we are fostering significantly more innovation, entrepreneurship, and design thinking within SEAS and across Princeton. We are also creating critical partnerships with industry to establish Princeton as a regional tech hub <https://cefr.princeton.edu/news/seas-dean-goldsmiths-support-nj-lands-hard-tech-hax-accelerator-newark-helping-catalyze>.

This is a critical time to be in science and engineering. We need diverse, creative and collaborative thinkers and builders as never before to tackle the greatest

engineering challenges of the 21st century. We need you. I sincerely hope that you will leave this weekend feeling inspired to pursue an advanced degree to prepare you for an exciting and impactful career in science and technology.

Sincerely,

Andrea J. Goldsmith

*Dean of Engineering and Applied Science
Doty Professor of Electrical Engineering*