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For nearly a century, Stanford Engineering has been at the forefront of innovation, creating pivotal technologies that have transformed information technology, communications, healthcare, energy, business, and beyond.

Thanks to you, we continue to expand our legacy of groundbreaking research and innovation. Your gift helps Stanford engineers solve the challenges of the modern world.



# Stanford ENGINEERING

# THE FUTURE OF ENGINEERING HAPPENS HERE.

Our faculty conduct pioneering, interdisciplinary research, and our alumni enter the workforce with technical excellence, as well as the creativity, cultural awareness, and entrepreneurial spirit that distinguish the School of Engineering.

**Thank you for helping us educate leaders** who will make an impact on global problems and define the future of engineering.

Please renew your investment today.



Student Alaisha Alexander, PhD Candidate Mechanical Engineering

"I'm working every day on engineering challenges that take different perspectives to solve. For example, selfdriving cars will eventually be in situations where they're at the edge of failing, whether that's skidding off a road or losing traction. We're working to prevent those failures and make them fail safer. We can't just take into account the machine and the driver. It's the community, government, and law enforcement. Ultimately, it's anybody who would be impacted by the decisions that car will make."

#### Alumni **David B. Pecora** MS '01 Computer Science

"I believe that, historically, advancements in science and technology have been the biggest contributor to improvement in quality of life around the world. As a leader in fundamental research, Stanford is wellpositioned to continue this trend."





### Faculty

Ken Hara, Assistant Professor Aeronautics and Astronautics

"I do research relating to space propulsion. Simply put, it's about finding a way to efficiently go farther and faster. That's incredibly important for building satellites and for doing scientific exploration. While I don't have any aspirations to be the first person to visit another planet, I hope that my research contributes to helping humans achieve the goal of exploring the unexplored depths of our solar system, galaxy, and universe."