



# NATIONAL ACADEMY OF ENGINEERING

C. D. Mote, Jr.  
*President*

September 21, 2018

Dear Colleague:

For more than a half century, the National Academy of Engineering (NAE) has advanced the well-being of the nation by promoting a vibrant engineering profession and marshalling the expertise of engineers to provide critical independent advice to policymakers, industry, academia, and the public. In this era of rapid change and technological innovation, the leadership role of the NAE has never been more important. As a private non-profit organization with limited endowments, we rely on the annual financial support of members and friends to carry out our mission. Please join me in making a gift to the NAE today.

**Your support makes a world of difference.** You help ensure that the engineers of tomorrow—today's girls and boys, young men and women—are engaged and equipped to take on the most pressing challenges facing our country and the world. NAE initiatives like the Grand Challenges Scholars Program, Frontiers of Engineering, and EngineerGirl exemplify the distinctive leadership and convening role only the Academy, and no university or professional society, can play. Attached please find further information on the impact of these initiatives that are made possible thanks to your support.

Your gift enables the NAE to expand these important programs. What is more, your participation also helps us reach out to other funders, as many of them will look at the number of NAE members who support the academy as a confirmation of the importance of the programs. Your support sends a powerful message to other members and friends, too. Join me today in supporting the NAE Independent Fund by making a one-time gift or establishing a monthly recurring gift.

Yours sincerely,

A handwritten signature in blue ink that reads "C. D. Mote, Jr." in a cursive style.

C. D. Mote, Jr.

P.S. If you would like to become a sustaining supporter of the NAE by establishing a monthly recurring gift to the NAE, please visit [www.nae.edu/giftform](http://www.nae.edu/giftform) or call James Ettari at 202.334.3729.

## Your Support of the NAE Makes a Difference.

You help ensure that the engineers of tomorrow—today's girls and boys, young men and women—are engaged and equipped to take on the most pressing challenges facing our country and the world. NAE initiatives like the Grand Challenges Scholars Program (GCSP), Frontiers of Engineering (FOE), and EngineerGirl exemplify the distinctive leadership and convening role that only the Academy, and no single university or professional society, can play.

### Grand Challenges Scholars Program

GCSP is a supplemental education model designed to ensure the engineering talent in the 21st century workforce is prepared for grand challenge-like problems.



“My path in the Grand Challenges Scholars Program was an unprecedented way for me to keep an eye on the global issues in sustainability that I care most about while earning my chemical engineering degree that would gain me the knowledge to do something about them. It is my hope to help make the world a better place, and because of GCSP I am aware of the most influential places to start.”

Julia King



“Participating in the Grand Challenge Scholars Program has definitely been a worthwhile journey. It has given me so many opportunities that I would have otherwise not known where to find...Graduation for a Grand Challenge Scholar does not just result in a diploma. It results in a promise and a hope to always work with others to make this world safer, stronger, and sounder.”

Swetha Swaminathan

### Frontiers of Engineering

FOE brings together a select group of emerging engineers from various sectors with other outstanding early career engineers, and facilitates collaboration and transfer of new techniques and approaches across fields.



“FOE brings together outstanding early-career engineers from industry, academia, and government to discuss pioneering technical work and leading-edge research in various engineering fields and industry sectors. Speaking from my experience, there is no other initiative that brings together this quality of scholars and engineers at this point in their career like FOE.”

M. Brian Blake, Ph.D. (FOE Alumnus)

### EngineerGirl

The [www.EngineerGirl.org](http://www.EngineerGirl.org) website is designed to bring national attention to the exciting opportunities that engineering represents for girls and women.



“Being part of this competition gave me the opportunity to look beyond what I already knew and discover new ideas and technologies. Since participating, I have a newfound passion for looking at the latest developments in technology.”

Gitanjali Rao, two-time winner of the EngineerGirl Essay Contest