John L. Anderson  
*President*

October 25, 2019

Dear Colleague,

You understand the need for diversifying our field, breaking down barriers that hinder innovation, redefining what it means to think like an engineer, and ensuring our workforce is positioned to tackle the grand challenges of the 21st century. The NAE provides leadership in a world of accelerating change. But we have more work to do. **We need your help** to advise the nation, excite girls about starting a career in engineering, engage college students in critical thinking across disciplines, and convene up-and-coming engineering leaders.

Quite simply, the work we do on behalf of engineering depends on the action you take today. No other institution can offer the convening power of the academy—not government, academia, or industry. Because of you, the NAE is uniquely positioned to be the leading voice in advancing engineering talent, leadership, and the integrity of the field. **Join me today in making a gift to the NAE and be a part of something bigger.**

Your philanthropy ensures:

- The NAE can respond immediately to unexpected challenges, or provide seed funding to the next “big idea” through vital unrestricted funds that **Empower the NAE.**

- More students like Diana can better the lives of their community by tackling one of the 14 Grand Challenges for Engineering through the **Grand Challenges Scholars Program.**

- New perspectives and cross-discipline collaborations among early-career engineers are fostered through the **Frontiers of Engineering.**

- Emma, who just graduated from the first Ambassador cohort, can continue to foster her engineering passion through networking and hands-on design challenges offered by **EngineerGirl.**

- Socially and environmentally responsible engineering education and practices are promoted through research, education, and outreach offered by the **Center for Engineering Ethics and Society.**
We cannot do this work without you. You enable the NAE to provide the leadership necessary to advise the nation, excite girls about starting a career in engineering, engage college students in critical thinking, and convene up-and-coming engineers. With your help, we can improve the quality of life on the planet and strengthen the field for future generations, making engineering accessible for everyone. Your support is the key.

That's why I hope you'll join me in supporting the NAE by making a gift today—together, we can continue to advise the nation and lead in a world of accelerating change. Thank you!

Sincerely,

John L. Anderson

P.S. Did you know you can make a monthly recurring gift to ensure the NAE is always prepared for the opportunities that lie ahead? Establish a monthly gift by mailing the attached form or calling someone on my team at 202.334.3729.

Enclosure
“GCSP vastly expanded my knowledge and horizons about the impact that I can make as an engineer. Coming into college, I had very limited knowledge about who an engineer should or shouldn’t be, but I did have a wide variety of interests and social causes I was passionate about. Now, coming out of this program, I believe that being an engineer is not about choosing between my technical strengths and social passions, but it’s instead about bringing them together to become a well-rounded engineer that can truly make a difference.”

Diana Chen (GCSP Alumnus)

“FOE was an incredible opportunity to meet, learn from, and even strike up collaborations with world-class researchers across the entire spectrum of engineering. For example, through FOE I met a material scientist working on soft robotics—we have since published several papers together. We would never have met any other way!”

David Luebke (FOE Alumnus)

Emma Kalif organized a club for girls in engineering at her high school in Rhode Island that went on to connect with a local middle school to present introductory engineering overviews to fifth-grade classrooms. This led to an after-school engineering club with over 20 girls at the middle school!

Emma Kalif, 2018 EngineerGirl Ambassador

Ethical challenges are increasing as engineers tackle more international and socially complex problems. CEES focuses the talents of the nation on addressing the ethical and social dimensions of engineering as both an agent of change and a professional and social necessity.

Topics covered include Communicating Science & Engineering, Big Data, Geoengineering, AI and Robotics, Sustainability, and more.