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Help Build our Innovation Economy
Cosponsor the Engineering Education for Innovation Act of 2010, H.R. 4709

Dear Colleague,

I invite you to join me in cosponsoring H.R. 4709, the Engineering Education for Innovation Act, also called the E² for Innovation Act of 2010. This legislation would authorize the Secretary of Education to competitively award planning and implementation grants for educational agencies to integrate engineering education into K-12 curriculum and instruction. It also funds the research and evaluation of such efforts.

In September 2009, the National Academy of Engineering and the National Research Council released a report entitled *Engineering in K-12 Education: Understanding the Status and Improving the Prospects*. The report studied K-12 engineering curricula and instructional practices. It stressed the need for greater coordination among key stakeholders to develop common definitions and grade-level appropriate goals, as well as more research on the impacts of engineering education and potential models for implementation. The E² for Innovation Act seeks to further these recommendations through implementation of K-12 engineering education and related evaluation research. Specifically, the E² for Innovation Act would:

- Integrate engineering education into K-12 classrooms by designing challenging content and curricula frameworks and assessments that include engineering.
- Increase engineering and technology teacher preparation programs and recruit qualified teachers to provide engineering education in high-need schools.
- Increase student achievement in STEM subjects and knowledge and competency in engineering design skills.
- Promote aspirations for a career in engineering among diverse students, especially among girls and underrepresented minorities.
- Promote partnerships among K-12 school administrators and teachers, and engineering member bodies and engineering professionals.

This legislation is an important step in developing a highly skilled STEM workforce to ensure the United States' competitiveness and leadership in the global economy. If you would like to cosponsor H.R. 4709 or have any questions, please contact Becky Cornell in Rep. Tonko's office at x55076 or Becky.Cornell@mail.house.gov.

Sincerely,

Paul D. Tonko

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