

# Congressional STEM Education Caucus

## Webinar



**Tuesday, May 14<sup>th</sup>**  
**1:30PM – 2:30PM EST**

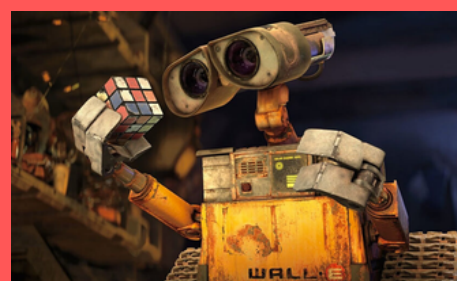


### AI Evolution

The term “Artificial Intelligence” was coined in 1956, but it took decades of research and breakthroughs to reach where AI is now part of everyday life. In the early 2000s, faster computing and new techniques led to a rebirth of AI interest. The public’s fascination with AI grew stronger with the release of OpenAI’s ChatGPT in late 2022. AI now has the potential to significantly enhance many different fields, including healthcare, technology, finance, and education. It’s been estimated that AI can contribute \$15.7 trillion to the global economy by 2030.

### AI Popularity & Influence

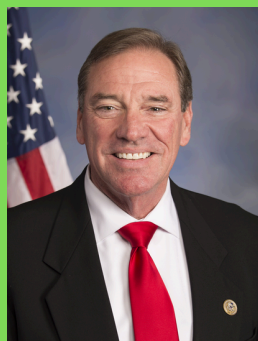
The potential impact of AI has created excitement about tackling issues such as disease detection, energy, production, and environmental challenges. At the same time, it’s created anxiety about job disruptions and concerns about privacy. AI holds the promise of increasing productivity and global wealth. Many Americans became familiar with AI through the introduction of ChatGPT, Bard, Bing, and other large language models, which generate human-like text responses in seconds. Rapid advances now allow these programs to generate images (as depicted in the center) and even videos with a simple text prompt. If technology advances more quickly than guardrails can be put in place, there runs a risk of AI-generated misinformation and “deepfakes”. The challenge and the opportunity is to create an AI ecosystem that moves users forward while safeguarding rights and privacy.



### Proposed Congressional Regulations on AI

Congressional committees held a number of AI hearings in the 118<sup>th</sup> Congress and dozens of bills were introduced. The Senate

has a bipartisan AI Working Group and the House recently established a bipartisan AI Task Force. The task force will issue a comprehensive report by end of year that will include guiding principles, recommendations, and policy proposals. The goal is to create policies that promote investment and innovation in AI while creating necessary regulations and guardrails.



DR. NEAL DUNN (FL-02)



JAKE AUCHINCLOSS (MA-04)

### Caucus Co-Chairs

### Caucus Membership



### Stay Connected

The goal of the Congressional STEM Education Caucus is to support and promote science, technology, engineering, and mathematics (STEM) education at all levels (K-12, higher education, and the workforce). This caucus provides a meaningful forum for Congress to discuss important issues related to STEM. America’s global competitiveness depends on its commitment to nurture students in the STEM fields. The sustained development of skilled and creative STEM scholars is needed to make technological advances in areas such as quantum computing, AI, and biotechnology.

The Center for Excellence in Education (CEE) is the Advisor to the Caucus. Contact [Alan Feyerherm](#) to join and be on the lookout for featured events hosted by CEE!