



The Honorable Mitch McConnell
United State Senate
601 W. Broadway, Room 630
Louisville, KY 40202

August 5, 2020

Dear Senator McConnell:

As Chairs of IEEE's Lexington and Louisville Sections, we would like to ask you to support the Endless Frontier Act. This bipartisan and bicameral bill would prioritize fundamental technology research within the federal research system, research that is uniquely essential for America's long-term prosperity and security. This bill is a priority for the over 800 IEEE members in Kentucky and is especially important given the rising investments being made by our overseas competitors and adversaries.

The Endless Frontier Act would invest up to \$100 billion over five years in basic research focused on ten broad areas of technology. But beyond research, the bill would help ensure that the great ideas developed by the scientists at our national labs and universities migrate into the private sector where they can play to America's natural strengths and be put to work growing our economy and creating jobs. The Act also creates 10 to 15 Regional Technology Hubs to bring innovation and technology jobs to the entire country, ensuring that the benefits of technological innovation are enjoyed by all Americans.

The University of Kentucky has a number of research centers, including the Center for Computational Research, the Center for Microelectrode Technology, the Center for Nanoscale Science and Engineering, and the Institute for Research and Technology Development, are well placed to bring the benefits of the Endless Frontier Act home to Kentucky.

The Act also restructures the National Science Foundation to better focus on technology research, but does so in a way that protects existing research priorities.

Further, the research conducted as a result of the Endless Frontier Act will be crucial for maintaining the technological advantages enjoyed by our armed services. Fundamental research into technology will secure American dominance in AI, quantum, cyber and a host of other emerging technologies that will be necessary to defend our country and our allies.

Please support this important piece of legislation and help it become law this year.

Thank you.

Don Hill
Chair, IEEE Lexington Section

John Doyle
Chair, IEEE Louisville Section