



ENERGY SCIENCES COALITION

March 4, 2022

Dear Chairwoman Feinstein and Ranking Member Kennedy,

On behalf of the over 100 organizations that are members of the Energy Sciences Coalition (ESC), we would like to thank you for your strong support and leadership in advancing the research and infrastructure priorities of the U.S. Department of Energy (DOE) Office of Science in the fiscal year (FY) 2022 omnibus appropriations bill (H.R. 2471). We also want to thank the Energy and Water Appropriations Subcommittee staff – Doug Clapp, Aaron Goldner, Jen Armstrong, and Anna Newton – for their professionalism, accessibility and interest in the research priorities of the science community.

The 6.4 percent increase above the FY 2021 enacted level for the DOE Office of Science demonstrates a clear commitment to enhancing our energy security and national security. This funding increase also sends a signal to the rest of the world that the U.S. is committed to remaining a global leader in science and technology and is poised to attract and retain the best minds – from across the country and the rest of the world – to address scientific and technological grand challenges.

More specifically, the \$7.475 billion will advance vital early stage research at both U.S. universities and the network of 17 DOE National Laboratories focused on high-risk, high-reward research areas. Increased investments in Artificial Intelligence and scientific machine learning, quantum information science, biotechnology, microelectronics, materials by design, and fusion are just a few examples of Office of Science-sponsored research that can lead to paradigm-shifting innovations in energy, climate and environment, advanced communications, and national security technologies that spawn the creation of new industries. This funding will also support operations of 28 Office of Science-supported, world-class, scientific user facilities that provide access to more than 32,000 researchers from academia, industry and federal agencies as well as advance the construction and upgrades of major science facilities. Equally important, this funding will help expand STEM programs unique to DOE missions to train the next generation of talent.

As we look to FY 2023, we hope you will continue to provide bold investments needed for the DOE Office of Science to stay ahead of international competition consistent with the DOE Science for the Future Act. This will help accelerate the construction of world-class science facilities, grow research programs in discovery science and emerging technology areas, and support workforce development programs.

Thank you again for your leadership and support for the Office of Science.

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The Energy Sciences Coalition (ESC) is a broad-based coalition of organizations representing scientists, engineers and mathematicians in universities, industry and national laboratories who are committed to supporting and advancing the scientific research programs of the U.S. Department of Energy (DOE), and in particular, the DOE Office of Science.