



External Affairs & Communications

Glenn S. Ruskin

Vice President

July 23, 2019

The Honorable Eddie Bernice Johnson
Chair, House Committee on Science,
Space, and Technology
2321 Rayburn House Office Building
Washington, DC 20515

The Honorable Frank Lucas
Ranking Member, House Committee on
Science, Space and Technology
2321 Rayburn House Office Building
Washington, DC 20515

Dear Chairwoman Johnson and Ranking Member Lucas:

On behalf of the American Chemical Society (ACS), I am writing in support of H.R. 3597, the Solar Energy Research and Development Act of 2019, H.R. 3607, the Fossil Energy Research and Development Act of 2019 and H.R. 3609, the Wind Energy Research and Development Act of 2019. As the world's largest scientific society, with over 150,000 members, the ACS is committed to using chemistry to improve everyday life.

ACS believes in long-term, coordinated support for transformative energy technologies. A key component of this support is continued research to reduce the environmental impact of energy production and improve the efficiency of all energy resources. ACS also believes it is important to take into account the full lifetime costs for new technologies and ensure that research to mitigate waste from manufacturing and disposal accompanies new technology deployment.

In order to reduce the life cycle costs of new energy technologies, we strongly endorse Representative Lipinski's amendment to H.R. 3597, calling for the incorporation of sustainable chemistry principles as research and development of solar energy technology continues. We would also highlight the importance of Representative Foster's amendment to H.R. 3607, prioritizing research to improve isolation and separation of helium from fossil fuels. Helium is critical to researchers in chemistry and physics, and has numerous industrial applications. Developing new techniques to tap into sources of helium that currently go to waste is vital in the face of supply chain challenges that researchers and industries have experienced.

We thank you for your continued support of science and federal research and look forward to working with Congress to pass these bills. Should you have any questions, feel free to contact Carl Maxwell at c_maxwell@acs.org.

Sincerely,

A handwritten signature in black ink that reads "Glenn Ruskin". The signature is fluid and cursive, with the first name "Glenn" being larger and more prominent than the last name "Ruskin".

Glenn S. Ruskin