

National Aeronautics and Space Administration

Mary W. Jackson NASA Headquarters
Washington, DC 20546-0001



May 23, 2025

Reply to Attn of: Science Mission Directorate/Earth Science Division

Manijeh Razeghi
Northwestern University
2220 Campus Drive, Cook Hall 4051
Evanston, IL 60208-3109

Dear Manijeh Razeghi:

I'm writing to share my most hearty congratulations to you and your team for a significant achievement: creating a technology so impactful that it was recently inducted into the Space Technology Hall of Fame.

Your work on the Strained Layer Superlattice (SLS) infrared detector, first developed in 2012, is now a key component of sensors dedicated to monitoring wildfires, tracking volcanic eruptions, observing crop health, and much more. It's made a difference not only to the scientists leveraging your tool to better understand our planet, but also to commercial aerospace companies, who use it to ensure we remain a world leader in remote sensing technology and the space economy. And it has demonstrated to key stakeholders that NASA technology projects deliver tangible returns on taxpayer investments.

Thank you for the work each member of your team put into developing SLS. Your work continues NASA's legacy of groundbreaking technology achievements; you are testament to our agency's ability to 'push the envelope' and achieve great things.

Congratulations for your induction into the Space Technology Hall of Fame!

Sincerely,

A handwritten signature in black ink that reads "Karen St. Germain".

Karen M. St. Germain, Ph.D.
Director, Earth Science Division