



# Chemist Jennifer Hollingsworth named AAAS Fellow

November 26, 2019

LOS ALAMOS, N.M., Nov. 26, 2019—Los Alamos National Laboratory chemist Jennifer A. Hollingsworth is being honored as a Fellow in the American Association for the Advancement of Science (AAAS) for her work in materials chemistry.

“We’re thrilled that Jennifer is receiving this well-deserved honor and joining the ranks of Los Alamos staff that are AAAS Fellows. Not only is Jennifer an outstanding researcher but also she is deeply committed to community engagement and STEM education,” said John Sarrao, Los Alamos deputy director for Science, Technology & Engineering.

Hollingsworth, a specialist in optical nanomaterial synthesis, characterization and application, has been a Los Alamos National Laboratory Fellow since 2016, and has been at the Laboratory since 1999. She holds a doctorate in inorganic chemistry from Washington University in St. Louis, and her Bachelors in chemistry is from Grinnell College. She works in the Center for Integrated Nanotechnologies (CINT) at Los Alamos, and focuses on discovery of ultrasmall—nanosized—semiconductor materials that can be synthetically engineered to be sources of high-efficiency, stable white light for better light bulbs, light beacons at the center of new cancer drugs, and single-photon sources for secure communication. In a type of nanoscale advanced manufacturing, she also works to integrate these materials with miniature antennas that make the light directional and stronger or into polymers that can be 3D printed.

She is being honored specifically for her discovery and development of non-blinking giant quantum dots, spanning pioneering contributions to materials chemistry, photophysics of excited-state processes in nanomaterials and applications in optoelectronics.

The American Association for the Advancement of Science (AAAS) has awarded the distinction of Fellow to 443 of its members this year. These individuals have been elevated to this rank because of their efforts toward advancing science applications that are deemed scientifically or socially distinguished. New Fellows will be presented with an official certificate and a gold and blue (representing science and engineering, respectively) rosette pin on Saturday, 15 February, at the AAAS Fellows Forum during the 2020 AAAS Annual Meeting in Seattle, Washington.

## About [AAAS](#)

The American Association for the Advancement of Science (AAAS) is the world’s largest general scientific society and publisher of the journal *Science*, as well as *Science Translational Medicine*; *Science Signaling*; a digital, open-access journal, *Science Advances*; *Science Immunology*; and *Science Robotics*. AAAS was founded in

1848 and includes more than 250 affiliated societies and academies of science, serving 10 million individuals. Science has the largest paid circulation of any peer-reviewed general science journal in the world. The nonprofit AAAS is open to all and fulfills its mission to “advance science and serve society” through initiatives in science policy, international programs, science education, public engagement and more.

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