



The Laboratory's scientific response to COVID-19

April 9, 2020

In support of the national effort to combat COVID-19, Los Alamos National Laboratory has established a Special Office for COVID-19. It will serve as a clearinghouse for all research and collaboration requests for the Lab's scientific and technical capabilities to support COVID-19 response.

Part of the response includes taking part in the Department of Energy's COVID-19 High Performance Computing Consortium to provide COVID-19 researchers with access to the world's most powerful high performance computing resources that can significantly advance the pace of scientific discovery in the fight to stop the virus.

"We have been working with Sandia National Laboratories and Lawrence Livermore National Laboratory, along with DOE Office of Science laboratories, to be ready to accommodate a variety of research problems at scale," said Irene Qualters, Associate Laboratory Director for Simulation and Computation.

"We are also working in areas where artificial intelligence might apply in analyzing the spread of COVID-19 and in developing a path to a vaccine. Other important areas of study include optimizing the medical infrastructure to manage the anticipated number of patients and understanding the mitigating or correlating factors of COVID-19's spread."

There is a regularly-updated [news page on the Laboratory site](#) with the latest information and media coverage of the Lab's scientific response to the emergency.

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