

OFFICE OF THE VICE PRESIDENT FOR RESEARCH AND ECONOMIC DEVELOPMENT

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Dr. J. Stephen Binkley Deputy Director for Science Programs Office of Science U.S. Department of Energy

Dear Dr. Binkley,

On behalf of the Department of Energy's Advanced Scientific Computing Advisory Committee (ASCAC), I am transmitting this final report to you in response to your charge letter dated May 19, 2016, requesting a review of the Laboratory Directed Research and Development (LDRD) programs

Thank you for the opportunity to serve in this capacity and please let me know if you require anything further.

Sincerely,

Daniel A. Reed

Vice President for Research and Economic Development

Computational Science and Bioinformatics Chair

Professor of Computer Science, Electrical and Computer Engineering, and Medicine