July 23, 2014



Dr. Patricia M. Dehmer Acting Director, Office of Science U.S. Department of Energy Washington, DC, 20585

Report of the ASCAC Workforce Subcommittee

Dear Dr. Dehmer,

On behalf of the Advanced Scientific Computing Advisory Committee (ASCAC) and its Workforce Subcommittee, chaired by Barbara Chapman of the University Houston, I am pleased to convey our final report in response to your charge of February 19, 2014. This report was accepted unanimously by ASCAC at our July 15, 2014 meeting.

The subcommittee included participants engaged in DOE workforce training efforts, researchers and managers at DOE laboratories, academics in disciplines related to Advanced Scientific Computing, Industry, and leaders and experts knowlegeable about HPC related education and training on a national/international scale.

We hope that this report will be useful to you, the Office of Science, and DOE in helping to create and utilize the needed future workforce for DOE and the nation.

Sincerely,

Roscoe C. Alles

Dr. Roscoe C. Giles Chair, Advanced Scientific Computing Advisory Committee Department of Electrical and Computer Engineering & Center for Computational Science Boston University

CC: Dr. Steven Binkley Associate Director, Office of Advanced Scientific Computing Research Office of Science, Department of Energy

> Christine Chalk, ASCAC DFO Office of Advanced Scientific Computing Research Office of Science, Department of Energy