

New ASCAC Charge: Committee of Visitors



Department of Energy
Office of Science
Washington, DC 20585

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Professor Martin Berzins
Chair, Advanced Scientific Computing Advisory Committee
Professor of Computer of Science
Scientific Computing and Imaging Institute
72 S Central Campus Drive, Room 3750
Salt Lake City, UT 84112

Dear Professor Berzins:

Thank you for the hard work undertaken by the Advanced Scientific Computing Advisory Committee (ASCAC), including on the most recent report of Energy (DOE) Computational Sciences Graduate Fellows, and your upcoming report which will help guide the long-term vision of the program.

This letter requests that ASCAC continue its valuable advice and

- Assess the efficacy and quality of the processes used during fiscal years 2020, 2021, 2022, 2023 under review to:
 - solicit, review, recommend, and document application and proposal actions,
 - monitor active awards, projects, and programs, and
 - consider: what resources or technologies would help the Program staff to assess and manage their research portfolios as HPC continues to rapidly change and what metrics would be useful for the Program to monitor.
- Within the boundaries defined by the DOE mission and available funding, comment on how the award process has affected:
 - the breadth and depth of portfolio elements,
 - the overall scientific and technical quality of the portfolio elements, and
 - consider: given the different types of organizations in the research enterprise.