

Research Strategies Subcommittee: Modifications to Report

Esther Takeuchi (Chair)
Marc Kastner (Vice Chair)

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Executive Summary Updates

- Add language to the Executive Summary describing the BES mission and the role of the program managers to make the report more specific to DOE.
- Emphasize the need for evaluating research investments including escalating costs of research and the urgency of making research investments.

Executive Summary Updates

- Update wording for two of the recommendations:
- Balance the funding portfolio across multiple axes—research versus facilities, single-investigator vs. group (Center or Hub) funding, established programs vs. emerging fields, and discovery based vs. use inspired research—to optimize impact of DOE research especially in times of constrained resources.
- Balance investment in and adoption of new assessment tools with more traditional online methods, e.g. publication and citation analysis, for making portfolio decisions, recognizing that AI/ML models are still in their infancy. Quantitative methods and expert opinion should be combined for optimal outcomes.

Updates to Main Text

- Regarding workforce development: add language about coordination with other funding agencies.
- Add upfront language to the case study to note the purpose was to illustrate what is possible using publicly available tools and information. A view of a topic or a technology (e.g. lithium ion batteries) is possible.
- Update references to include dates and other needed information.
- Copy editing as well as report formatting for final version.

Thank you to all who participated in the preparation of this report.