

DEPARTMENT OF ENERGY
OFFICE OF SCIENCE
(DOE-SC)

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DOE-SC

- **Mission** – Delivering the remarkable discoveries and scientific advances that transform our understanding of energy and matter and advance the national, economic, and energy security of the United States.
- **Interests**
 - Lead U.S. supporter of the physical sciences
 - One of top two supporters of math / computing research
 - User facilities for life, physical, computational sciences
 - Genomics:GTL – a microbial systems biology program
 - System of national laboratories

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- **Opportunity** – Systems biology research. Impacts in medicine, energy, agriculture, environment. Challenges in biology, computation, and the physical sciences.
- **Barriers** – “Not invented here.” Development & support of research enabling user facilities. Genuine intellectual engagement of scientists from different disciplines.
- **Action** – Actually doing something substantial and substantive together, e.g., interagency development of and support for a network of high throughput user facilities addressing diverse systems biology needs of many agencies.