

How to Partner with SLAC

Engaging in Research & Development and Transfer of Innovation

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Goals for this Presentation

Background on the DOE National Lab System and SLAC

Technology Transfer Mission at SLAC

Mechanisms to Engage

Ways to Partner

Overview of the Department of Energy National Labs



The National Laboratories were originally created to meet the critical needs of the Nation

- Labs do not compete with private industry;
- They work on challenges, no one industry is either capable or willing to take on
- Each lab has a set of unique missions, for example:
 - Fundamental Sciences
 - Environment Management
 - Energy Efficiency and Independence
 - National and Homeland Security
 - Stewardship of Unique Facilities – accessible by industry

US Department of Energy (DOE) National Laboratories



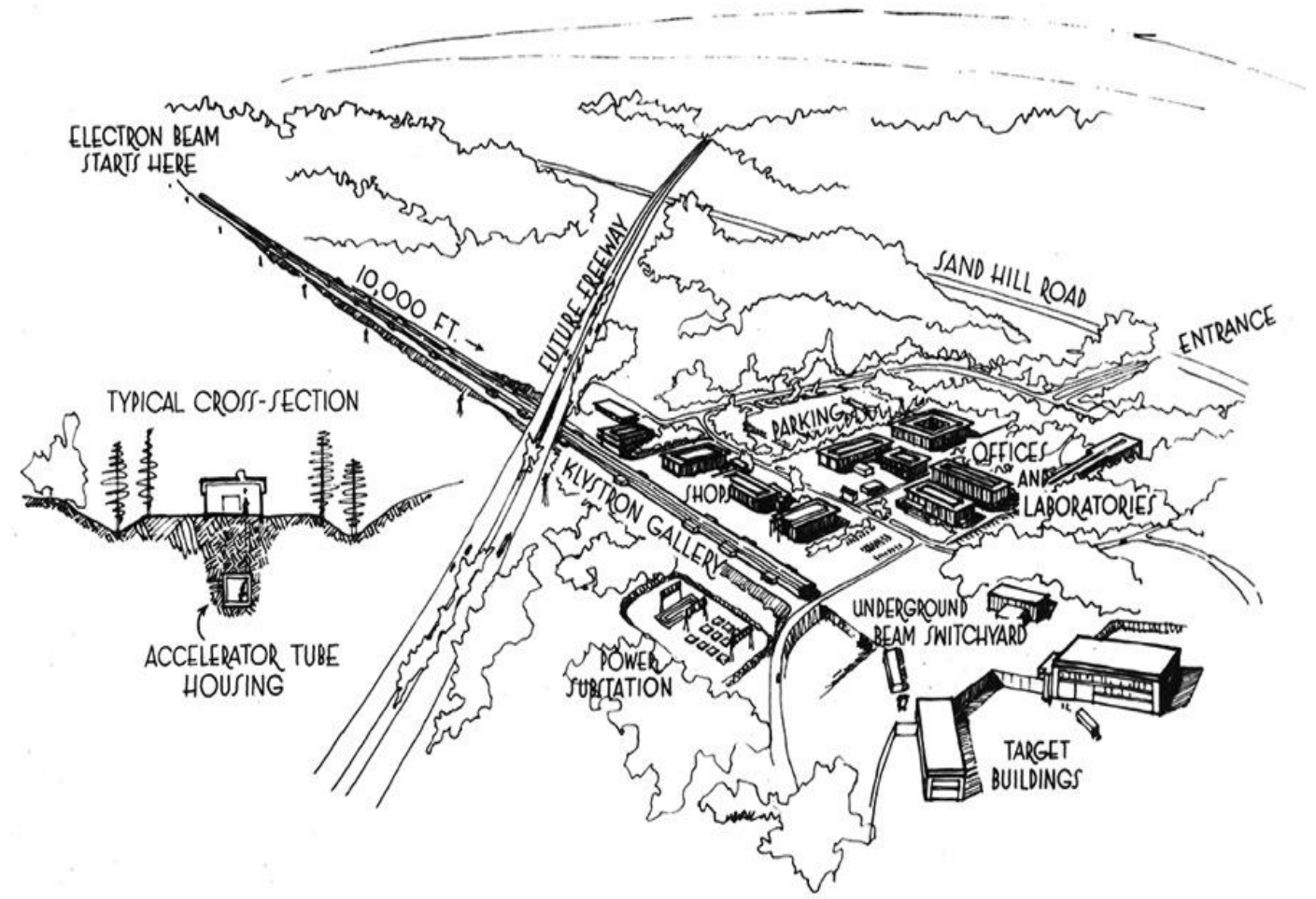
DOE Technology Transfer Mission: To advance the economic, energy, and national security interests of the US by expanding the scientific and commercial impact of the Department of Energy's research and development portfolio.

History of SLAC National Accelerator Laboratory



Founded in 1962 as Stanford Linear Accelerator Center (SLAC)

\$114M contract with US Atomic Energy Commission to build "Project M" for "the Monster". 2.5-mile-long linear accelerator (Linac) constructed.

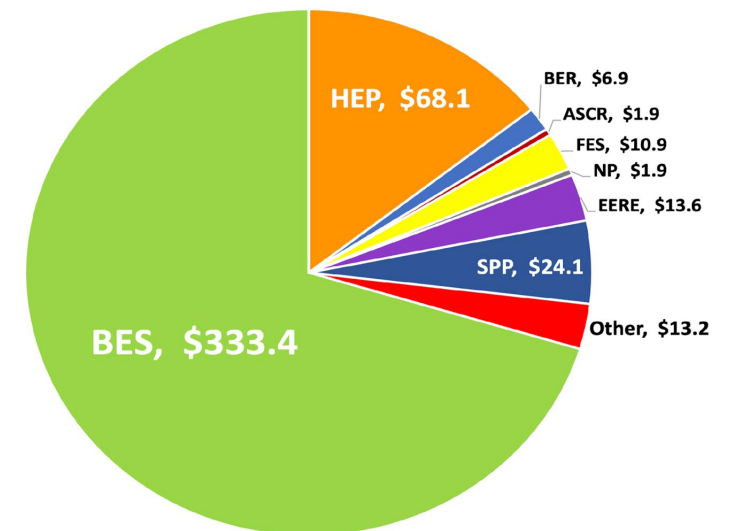


SLAC National Accelerator Laboratory Today



Mission

We explore how the universe works at the biggest, smallest and fastest scales and invent powerful tools used by scientists around the globe. Our research helps solve real-world problems and advances the interests of the nation.



FY 20 Total Laboratory Operating Costs: \$474M

Technology Transfer Mission at SLAC



SLAC Office of Technology Transfer & Private Partnerships

Leads the Tech Transfer mission at SLAC and strategic engagement and partnership with non-DOE entities



SLAC Proposal Advancement Office

Manages pre- and post-award sponsored research negotiation and compliance of partnership agreements with non-DOE entities.



Stanford Office of Technology Licensing

Manages the invention disclosures and intellectual property portfolio at SLAC, including licensing of technologies to industry.

Engaging with a DOE National Laboratory



Licensing between Stanford and the licensee

Licenses can range from short-term tech evaluation/R&D to exclusive commercial licenses.

DOE User Facilities are accessible to the public

Non-proprietary agreements to use facilities can be funded by DOE with publication requirements

Proprietary user agreements for a fee

Partnership agreement to support work at the lab.

Can be a "work for hire" arrangement (SPP) or a collaborative effort between the licensee and the lab (CRADA)

Types of Partnership Engagements at SLAC

Strategic Partnership Projects (SPP)

“Fee for hire” agreement where a non-federal entity funds research at SLAC. Depending upon funding source and the nature of the entity involved (ex. small business, foreign entity), rights to inventions and data generated by SLAC may be provided.

Collaborative Research and Development Agreement (CRADA)

Collaborative agreement between a DOE laboratory and a minimum of one non-federal entity (ex. university, industry, non-profit research institution). The entity partnering with a DOE lab gets preference on licensing technologies developed by the laboratory under the CRADA.

Partnership Agreement Items of Note

- Domestic small businesses can fund SLAC as a subawardee under Small Business Innovation Research (SBIR)/Small Business Technology Transfer (STTR) grants. To find opportunities under SBIR/STTR, visit <https://www.energy.gov/science/sbir/small-business-innovation-research-and-small-business-technology-transfer>
- Foreign entities (ex. companies headquartered outside of the United States) may fund work at SLAC; DOE approvals are required.

Accessing SLAC Intellectual Property



Stanford lists all patented innovations from SLAC on its website (Stanford TechFinder)

<https://techfinder.stanford.edu>



The DOE offers a Visual Patent Search tool for all DOE labs (including SLAC)

<https://vps.labworks.org/>

Access the Department of Energy's Experts, Innovations, and Labs



DOE Lab Partnering Service

Discover thousands of innovation enablement assets across the National Labs on the Lab Partnering Service (LPS). Search experts, facilities, licensable technologies, and success stories aligned to your organization's interest.

<https://labpartnering.org/>



Questions?

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