



# Bay Area Lab Innovation Networking Center

*Unique opportunities, world-class capabilities*

## ABOUT

The **Lab Innovation Networking Center (LINC)** provides a front door to the four Department of Energy (DOE) national laboratories in the San Francisco Bay Area, linking corporations, startups, and investors to DOE's world-class research and unique facilities. SLAC National Accelerator, Lawrence Berkeley, Sandia, and Lawrence Livermore national laboratories are part of DOE's 17-lab complex and roughly \$12-billion dollar per year research and development portfolio.

## MISSION

LINC's mission is to accelerate innovation in the region by being a multifaceted resource for Bay Area institutions. Located in Menlo Park, CA, LINC provides a physical (and virtual) location where the private sector can engage researchers and technology transfer professionals from the national labs. LINC is designed to simplify and increase collaborations by streamlining access to:

- partnership opportunities
- unique research capabilities and facilities, many of which are found nowhere else in the world
- intellectual property from the four Bay Area labs and across the 17-lab complex



- 9 Counties of Focus
- Additional Counties of Interest
- LINC National Labs

In addition, LINC will host regular networking and innovation exploration events to foster regional collaborations between the national labs, industry, entrepreneurs and investors.



## COMPANY BENEFITS

- A central access point to identify and navigate partnership opportunities within the national labs
  - Access to lab experts
  - Access to unique research capabilities and facilities
  - Access to transformational technologies, innovations and patents
- Opportunities to transform government investments and research into improved products, new companies, and industry innovation

## LAB TECHNOLOGY HIGHLIGHTS



### Excellence in Bio-Process Execution to take Bio-Innovations to Market

LBNL's Advanced Biofuels and Bioproducts Process Development Unit facility offers bench & pilot-scale equipment for robust process integration, including fermentation and downstream recovery, purification and analysis.



### Next Generation Transportation

SNL is at the forefront of research on electric drive train components and computing technology for automated vehicles. For decades, the Combustion Research Facility has been a national resource for solving combustion problems that have led to cleaner and more efficient engines.



### Recording Neural Activity of Living Brain Cell Cultures in 3D

LLNL's "Brain-on-a-chip" device could inform science in developing countermeasures for warfighters exposed to chemical or biological agents, model disease or infection, evaluate environmental toxins or aid in drug discovery, without the need for animal models.



### Machine Learning to Speed Materials Discovery

SLAC scientists are combining artificial intelligence and accelerated experiments to transform the way new materials are discovered. Three new blends of ingredients that form metallic glass, for example, were discovered 200x times faster than could be done before.

## DOE NATIONAL LAB INNOVATION

For the past 60 years, DOE labs have increased innovation by encouraging collaboration and cooperation between industry, academia, and the government. Focus on deployment and commercialization of new technologies has led to the economic well-being and industrial competitiveness of the nation.

### Examples of success\*



since inception

**900 R&D100 Awards**



In 2019, nearly **30,000**

**researchers** from industry, academia, and the government utilized the national labs' world-class facilities



**115 Nobel Laureates**

affiliated with DOE

### FY18 Small Business Impacts\*



**683** Agreements with small businesses located in the U.S.



**335** Active collaborative agreements



**169** Licenses granted to small businesses



**17** Startup companies established

\* As of June 2020, subject to change

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