

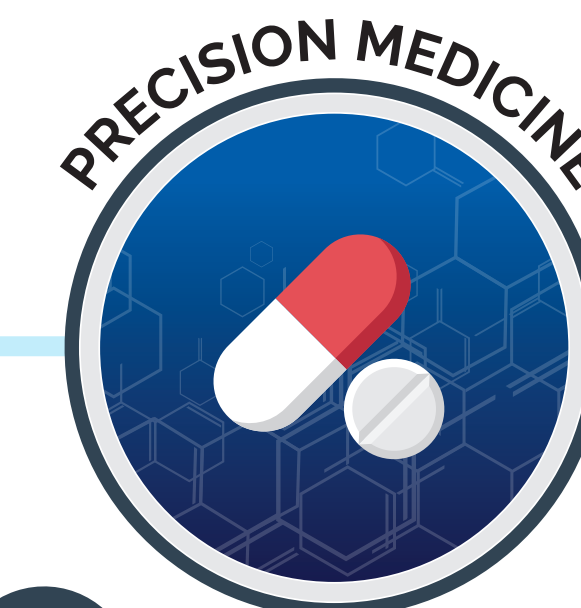
DSI

DATA SCIENCE INSTITUTE

data-science.llnl.gov



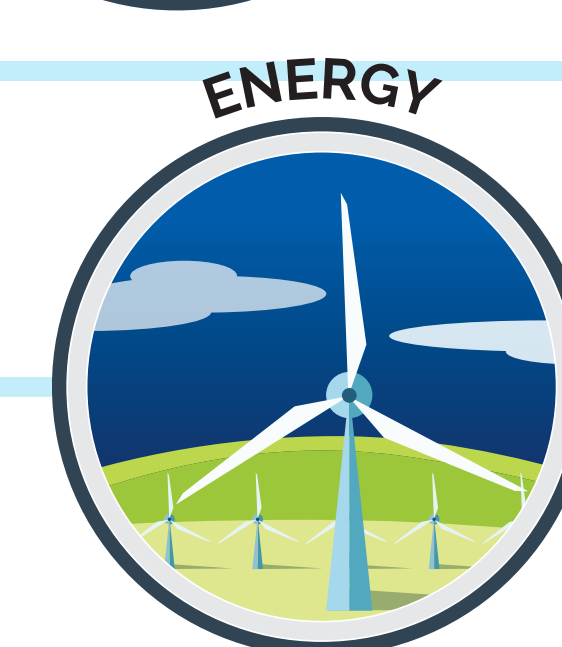
BASIC SCIENCE



PRECISION MEDICINE



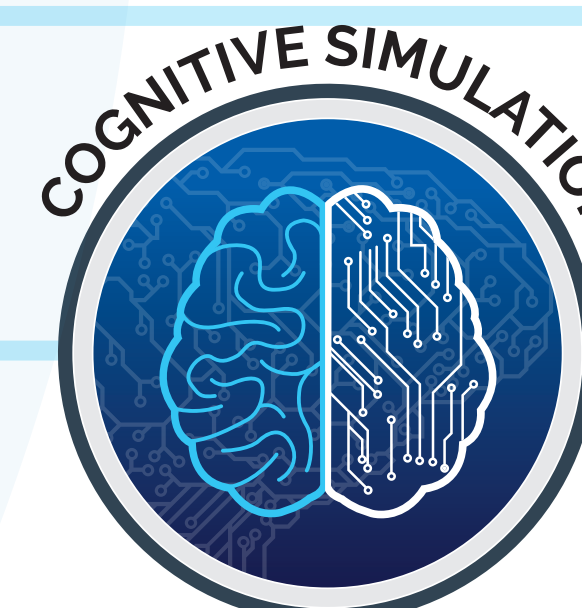
NATIONAL SECURITY



ENERGY



MATERIALS & ADVANCED MANUFACTURING



COGNITIVE SIMULATION

Lawrence Livermore National Laboratory occupies a unique space in data science opportunities. Thanks to our data-rich environment, data science techniques have become essential in scientific research. **We founded the DSI to help LLNL navigate this rapidly growing field.**

glassdoor
BEST PLACES TO WORK 2020
EMPLOYEES' CHOICE



Best & Brightest Staff

Experimental Facilities

Modeling & Simulation

Large-Scale Compute &
Multimodal Data Management

The Nation's Hardest Problems

OUR FOCUS »

SUPPORT RESEARCH

The DSI facilitates vital collaborations between academia, industry, and other U.S. government agencies—thus evolving LLNL's strategic data science vision and guiding future science and technology investments.

ENHANCE EDUCATION

The DSI partners with University of California campuses to cultivate educational programs, curricula, and datasets that generate an array of data science learning opportunities. These objectives align with LLNL mission areas and keep pace with the fast-moving field.

BUILD COMMUNITY

The DSI serves as a communication switchboard between LLNL, academia, industry, and other national laboratories to ensure those communities are engaged and aware of the latest research, existing and potential partnerships, and workforce needs and opportunities.

STRENGTHEN WORKFORCE

As data science is increasingly relevant to LLNL's mission, it is critical for the DSI to develop, grow, and sustain a successful workforce pipeline. The **Data Science Summer Institute** was established to address this need by recruiting diverse and talented data scientists from the academic community into LLNL.

