

The Alliance of Hispanic Serving Research Universities

An Overview of the Alliance and Its Collaboration with the U.S. DOE Office of Science and the National Lab Directors' Council

Dr. Taylor Eighmy, President
The University of Texas at San Antonio



The Alliance of Hispanic Serving Research Universities

21 of 149 Carnegie R1s | **21** of Dept. of Education 559 HSIs

Established June 2022

Led by presidents and chancellors

Supported by:

- Cross-institutional affinity groups
- Partnership working groups
- Executive Director



Alliance Goals to Ensure our 21st Century Science & Engineering Enterprises

By 2030

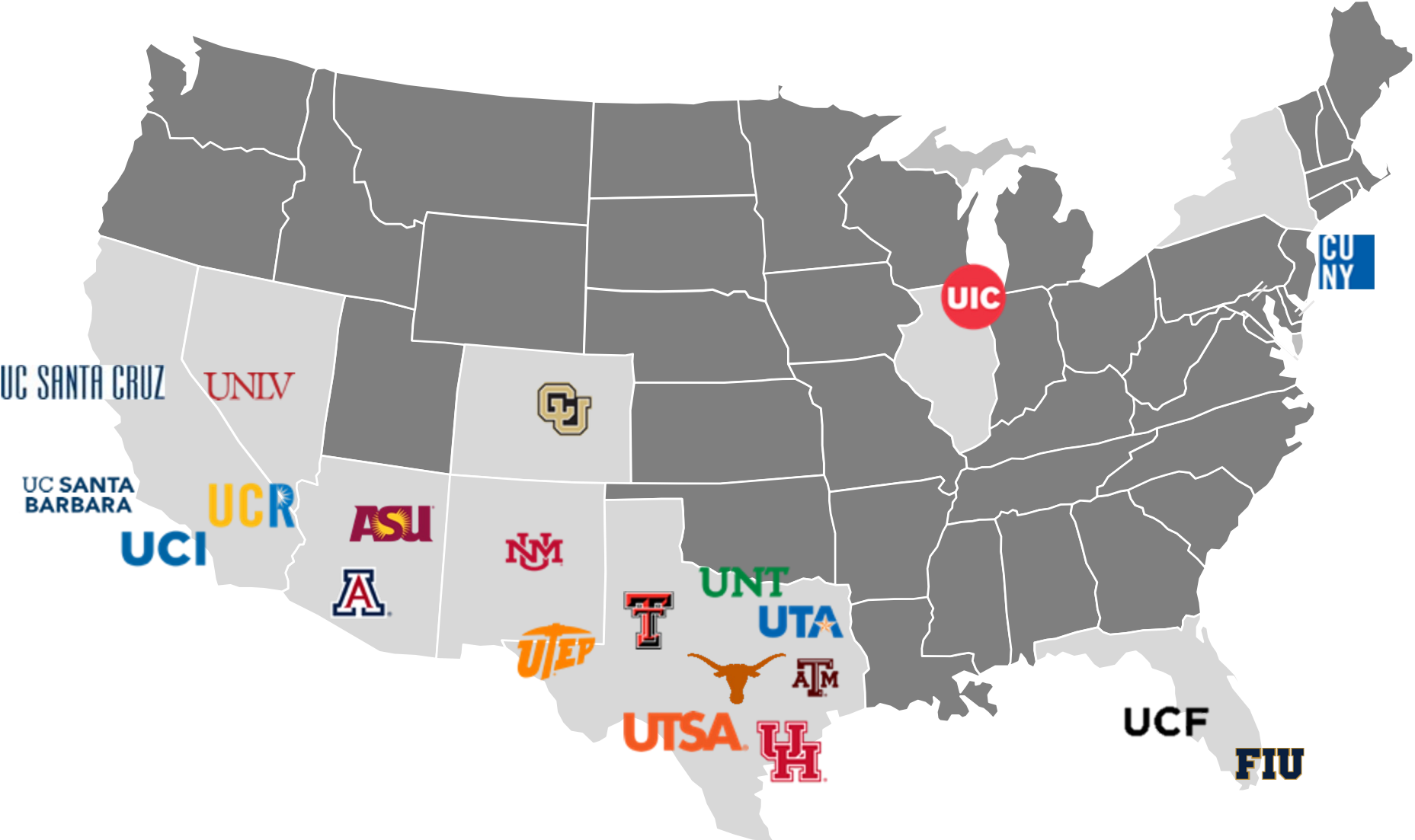
“ENSURING THE VITALITY OF OUR NATION’S 21st CENTURY SCIENCE AND ENGINEERING R&D ENTERPRIZES”

Double the number of Hispanic doctoral students enrolled at our 21 universities

Increase by 20% the Hispanic professoriate in our 21 universities

Strategic, Impactful and Scaled Mutually Beneficial Partnerships Between The Alliance and DOE, DOD, NSF, and NIH to Ensure our Talent Pipelines and National Discovery Enterprise

The Alliance of Hispanic Serving Research Universities



Alliance Strength ('21 Data)

Total Enrollment

837,136

32% Hispanic

Total Degrees Awarded

204,751

29% Hispanic

Total Ph.Ds. Awarded

7,000

Low-Income Students

36% of

**undergraduates
received Pell grants**

Full-Time Hispanic Faculty

3,332

9.1% of all faculty

Post Docs Enrolled

3,941

Alliance Research Metrics for '21 (NSF HERD Data)

Across our 21 Universities:

\$7.3 billion

Total Annual Research
Expenditures

\$3.59 billion

Total Annual Federal
Research Expenditures

\$0.227 billion

Total Annual DOE
Research Expenditures

\$0.521 billion

Total Annual DOD
Research Expenditures

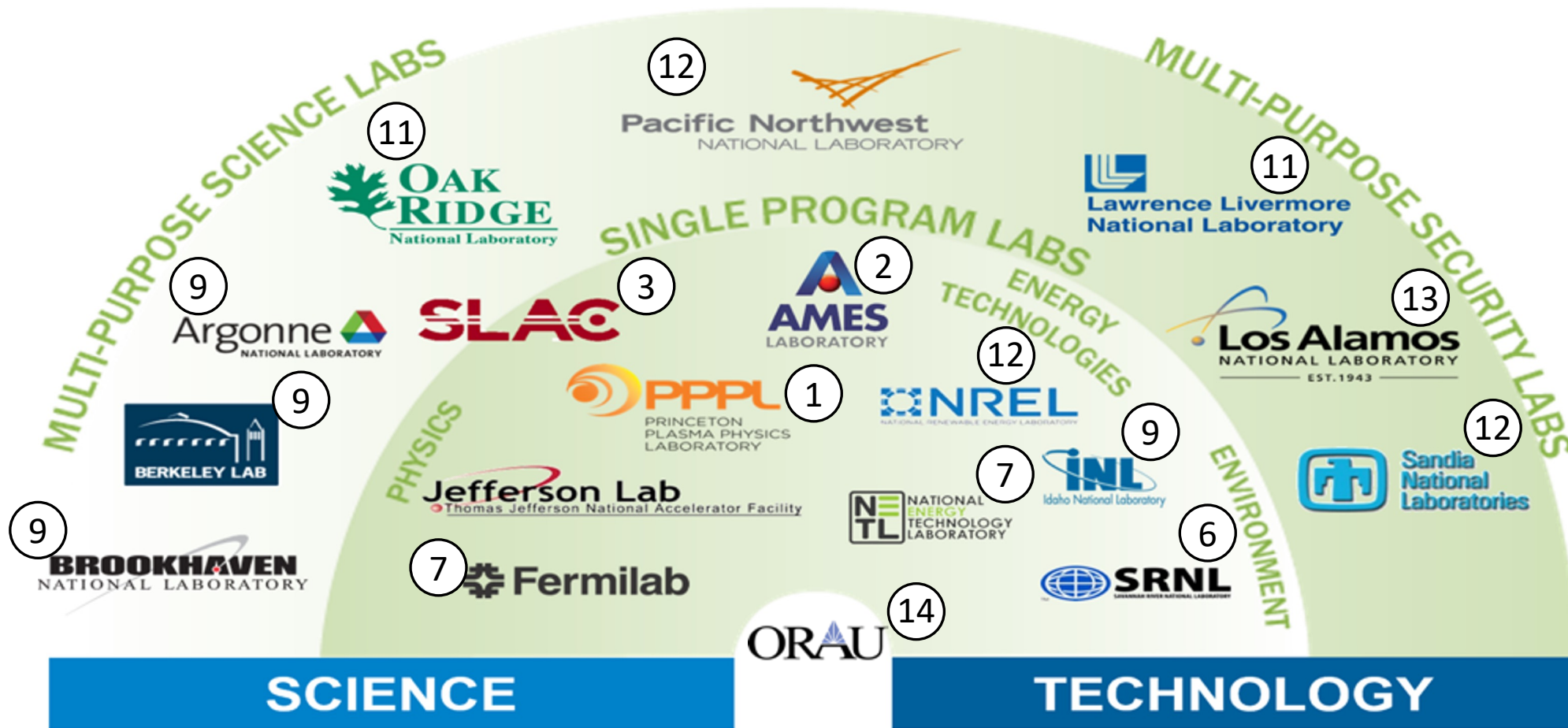
\$0.629 billion

Total Annual NSF
Research Expenditures

\$1.67 billion

Total Annual DHHS
Research Expenditures

Alliance Member Formal Relationships By DOE Lab



DOE Hubs Involving Alliance Member Institutions & DOE Labs (*host or co-host)

DOE ENERGY INNOVATION HUBS



Critical Materials Institute

ASU, UA &
AL*, INL, LLNL, ORNL



ASU, TAMU, UCI, UIC, UT Austin, UTEP &
ANL, INL, LBNL*, LLNL, NETL, NREL, ORNL, SNL,



UIC, UT Austin &
ANL*, LBNL, SLAC, SNL,



UCI*, &
LBNL, SLAC



DOE National QIS Research Centers Involving Alliance Member Institutions & DOE Labs (*host)

DOE NATIONAL QIS RESEARCH CENTERS



UCSB &
ANL*, SLAC, PNNL



CUNY, UCSB, UIC &
AL, BNL*, JL, PNNL,



QUANTUM SYSTEMS ACCELERATOR

Catalyzing the Quantum Ecosystem

UNM, UT Austin, &
LBNL*, SNL



UCSB &
FL, LANL, ORNL*, PNNL



SUPERCONDUCTING QUANTUM
MATERIALS & SYSTEMS CENTER

UA &
AL, FL*, JL



DOE Manufacturing Innovation Institutes Involving Alliance Member Institutions (*host) & DOE Labs

DOE MANUFACTURING INNOVATION INSTITUTES



UA, UCI, UTEP



TTU, UCI, UT Arlington, UT Austin, UTEP, UTSA* & INL, ORNL, SNL



TTU & ANL, NREL, SNL



TAMU, TTU, UA, UH, UT Austin & ANL, INL, NETL, NREL, PNNL, SRNL



ASU, UCSB, UCI & AL, ANL, INL, NREL, ORNL, PNNL



DOE Energy Frontier Research Centers Involving Alliance Member Institutions As Hosts (*host) & DOE Labs

DOE ENERGY FRONTIER RESEARCH CENTERS



UCI* &
LLNL, ORNL, PNNL



CUNY, UCI* &
LLNL, NREL, SNL



UCSA, UT Austin* &
LBNL



TAMU* &
LBNL, NREL, SNL



UA* &
NREL



ASU*, UCR &
SNL



DOE Energy Frontier Research Centers With Alliance Member Institutions As Partners & DOE Labs

DOE ENERGY FRONTIER RESEARCH CENTERS



ASU, &
BNL, NREL, SLAC



CUNY, TAMU &
PNNL



UIC &
ANL



UTEP &
LANL, NREL

Center for High Precision Patterning Science (CHiPPS)

UCSB &
ANL, LBNL



UCSC &
NREL

Center for Lignocellulose Structure and Formation (CLSF)

UTEP &
ORNL



UT Austin &
BNL, LBNL



UCF &
LANL



UCSB &
ANL, LBNL

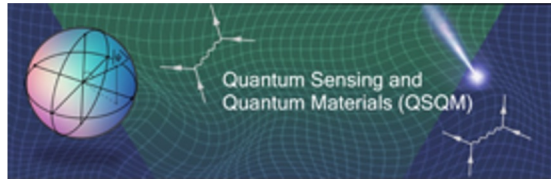


DOE Energy Frontier Research Centers With Alliance Member Institutions As Partners & DOE Labs

DOE ENERGY FRONTIER RESEARCH CENTERS



UCSB, UH



UIC &
SLAC



UCSB &
SLAC



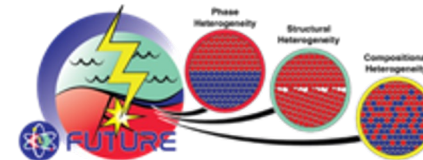
UCSB, UIC &
AL, ANL, LANL



UTSA &
INL, ORNL



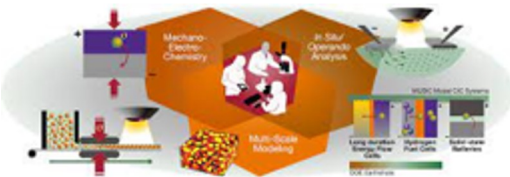
TAMU, UCSB &
ORNL



UTSA &
LANL, PNNL



UCSB &
AL, ANL



UT Austin &
ORNL



UCSB &
BNL



UCI, UT Austin &
LLNL



UCR &
ORNL, SNL



Alliance Member Centers, Institutes and Affiliated Programs Funded By DOE

ASU, UA



UCI



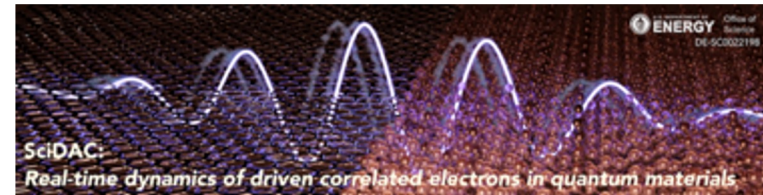
NATIONAL FUEL CELL
RESEARCH CENTER
UNIVERSITY OF CALIFORNIA • IRVINE



UCR



UCSB



UCSC



FIU



UCF



Institute for the Frontier of
Attosecond Science and Technology
UNIVERSITY OF CENTRAL FLORIDA

UIC



UNLV



Alliance Member Centers, Institutes and Affiliated Programs Funded By DOE

TAMU

Ocean Energy
Safety Institute



UNT



ZØE Laboratory

UT Austin



TTU



CU-D



CUNY

ADVANCED SCIENCE RESEARCH CENTER
THE GRADUATE CENTER
CITY UNIVERSITY OF NEW YORK



UTA



UTSA



The Alliance of Hispanic Serving Research Universities

- **Engaging NLDC, Office of Science**
 - Potentially expand Existing Programs (SULI, VPI, CCI)
 - Explore FOA
- **Similar developmental focus with DOD, NSF, NIH**
- **Engaging U.S. Congress**
- **Engaging U.S. Department of Education**
- **Continuing to evolve strategic relationships**

