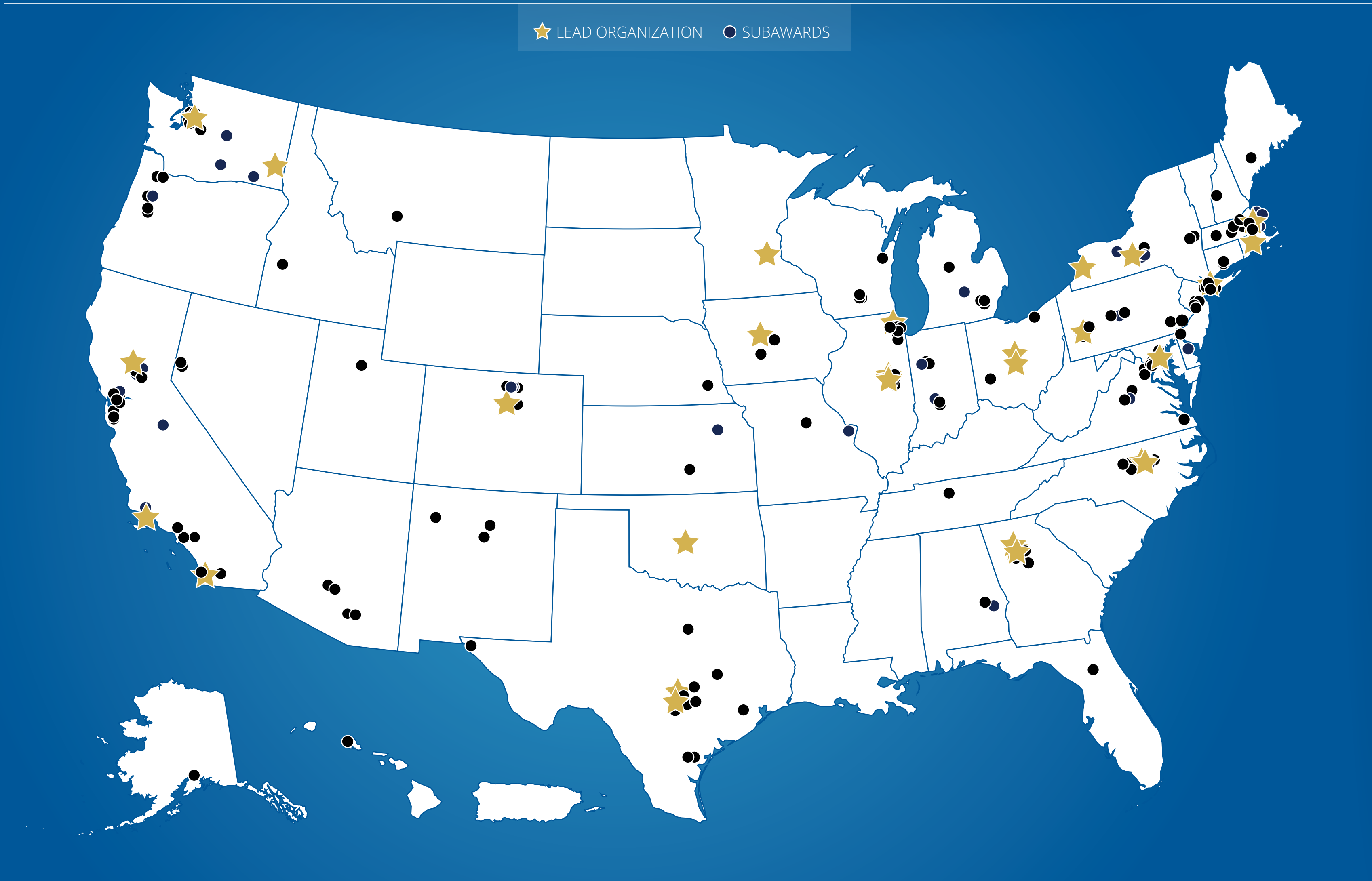




NATIONAL AI RESEARCH INSTITUTES

The NSF-led National AI Research Institutes Program is the nation's largest AI research ecosystem and is supported by a partnership of federal agencies and industry leaders.



The map reflects the approximate location of the lead organizations and subawards.

Main Map

Select Awards by year

- 2020 Awards
- 2021 Awards
- 2023 Awards
- 2024 Awards
- 2025 Awards

Select Awards by Institution

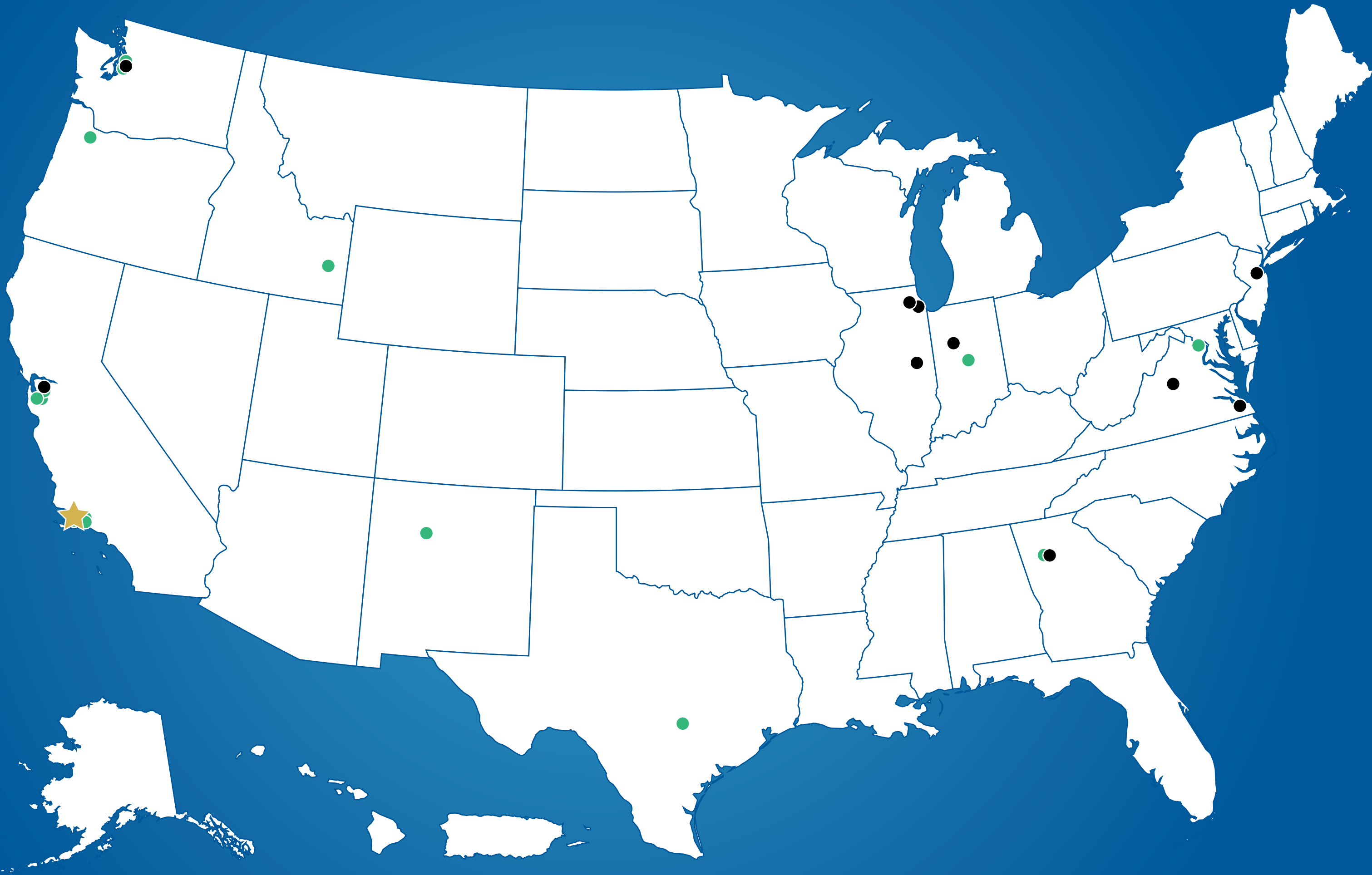
NSF AI Institute for Agent-based Cyber Threat Intelligence and Operation (NSF ACTION) University of California, Santa Barbara	NSF AI Institute for Societal Decision Making (NSF AI-SDM) Carnegie Mellon University
NSF AI Institute for Artificial and Natural Intelligence (NSF ARNI) Columbia University	NSF Institute for Student-AI Teaming (NSF iSAT) University of Colorado Boulder
AI Institute for Collaborative Assistance and Responsive Interaction for Networked Groups (AI-CARING) Georgia Tech	NSF AI Institute for Dynamic Systems (NSF Dynamics AI) University of Washington
AI Institute for Exceptional Education (AI4ExceptionalEd) University at Buffalo	NSF AI Institute for Molecular Discovery, Synthetic Strategy, and Manufacturing (NSF Molecule Maker Lab or NSF MMLI) University of Illinois Urbana-Champaign
AI Institute for Inclusive Intelligent Technologies for Education (INVITE) University of Illinois Urbana-Champaign	NSF-Simons AI Institute for Cosmic Origins (CosmicAI) University of Texas at Austin
NSF AI Institute for Adult Learning and Online Education (NSF ALOE) Georgia Tech	NSF-Simons AI Institute for the Sky (SkAI) Northwestern University
NSF AI Institute for Advances in Optimization (NSF AI4OPT) Georgia Tech	AI Institute for Trustworthy AI in Law and Society (TRAILS) University of Maryland, College Park
NSF AI Institute for Artificial Intelligence and Fundamental Interactions (NSF IAIFI) Massachusetts Institute of Technology	NSF AI Institute for Learning-Enabled Optimization at Scale (NSF TILOS) University of California San Diego
NSF AI Institute for Edge Computing Leveraging Next-generation Networks (NSF Athena) Duke University	Institute for Agricultural AI for Transforming Workforce and Decision Support (USDA-NIFA AgAID) Washington State University
NSF AI Institute for Engaged Learning (NSF ENGAGE AI Institute) North Carolina State University	AI Institute for Climate-Land Interactions, Mitigation, Adaptation, Tradeoffs and Economy (USDA-NIFA AI-CLIMATE) University of Minnesota, Twin Cities
NSF AI Institute for Foundations of Machine Learning (NSF IFML) The University of Texas at Austin	AI Institute for Future Agricultural Resilience, Management, and Sustainability (USDA-NIFA AIFARMS) University of Illinois Urbana-Champaign
NSF AI Institute for Future Edge Networks and Distributed Intelligence (NSF AI-EDGE) The Ohio State University	AI Institute for Next Generation Food Systems (USDA-NIFA AIFS) University of California, Davis
NSF AI Institute for Intelligent Cyberinfrastructure with Computational Learning in the Environment (NSF ICICLE) The Ohio State University	AI Institute for Resilient Agriculture (USDA-NIFA AIIRA) Iowa State University
NSF AI Institute for Research on Trustworthy AI in Weather, Climate, and Coastal Oceanography (NSF AI2ES) University of Oklahoma	NSF AI Research Institute on Interaction for AI Assistants (NSF ARIA) Brown University
	NSF AI-Materials Institute (NSF AI-MI) Cornell University



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★ LEAD ORGANIZATION ● SUBAWARDS ● COLLABORATORS



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Note: Collaborators related to an Institute may be represented with a single plot due to space limitations.

Main Map

NSF AI Institute for Agent-based Cyber Threat Intelligence and Operation (NSF ACTION)

LEAD ORGANIZATION
University of California, Santa Barbara

- SUBAWARDS**
- Georgia Tech
 - Multi-campus UC Berkeley award
 - Norfolk State University
 - Purdue University
 - Rutgers University
 - University of Chicago
 - University of Illinois Chicago
 - University of Illinois Urbana-Champaign
 - University of Virginia
 - University of Washington

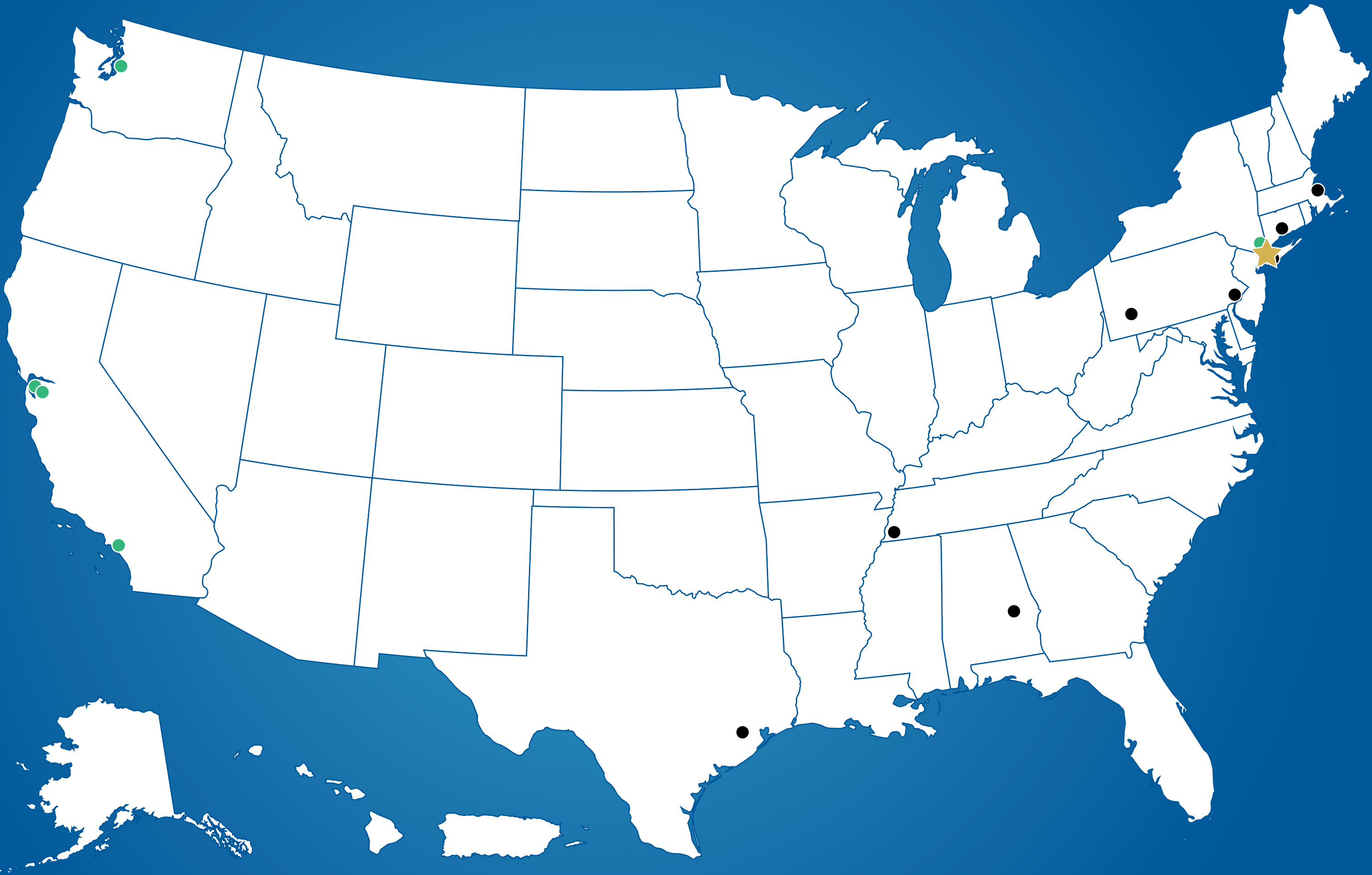
- COLLABORATORS**
- Boeing Research and Technology
 - CISPA, Helmholtz Center for Info Security
 - Google
 - Idaho National Laboratory
 - Infosys
 - Institute Eurecom
 - Intel
 - Lawrence Livermore National Laboratory
 - ManTech International
 - MasterCard
 - Novim
 - Palo Alto Networks
 - Politecnico de Milano
 - Sandia National Laboratories
 - Spelman College
 - UCSB Early Academic Outreach Program
 - UT-Austin Institute for the Foundation of ML
 - UW AI Institute on Dynamical Systems
 - UW eScience Institute
 - UW Institute for Foundations of Data Science



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[Main Map](#)

NSF AI Institute for Artificial and Natural Intelligence (NSF ARNI)

LEAD ORGANIZATION Columbia University

SUBAWARDS

- Baylor College of Medicine
- Baruch College
- Carnegie Mellon University
- CUNY Graduate School University Center
- Hunter College
- Harvard University
- McGill University
- Tuskegee University
- University of Pennsylvania
- University of Memphis
- Yale University

COLLABORATORS

- Amazon
- Google
- IBM
- Meta
- Neuromatch Academy



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Main Map

AI Institute for Collaborative Assistance and Responsive Interaction for Networked Groups (AI-CARING)

LEAD ORGANIZATION

Georgia Tech

SUBAWARDS

- Carnegie Mellon University
- Northeastern University
- Oregon Health & Science University
- Oregon State University
- Stanford University
- University of Mass Lowell
- University of Texas San Antonio

COLLABORATORS

- AI4GA
- American Association of Retired Persons (AARP)
- Bartlett Community Partnership School
- Care Daily
- Emory University
- Evolving Homes
- Facebook
- Georgia Department of Education
- HelloRobot
- Howard University
- Jewish Healthcare Foundation
- KDDI Research
- National Center for Women & Information Technology
- Naval Research Lab
- Northern Essex Community College
- Toyota Research Institute
- University of Pittsburgh Medical Center
- U.S. Department of Veterans Affairs



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[Main Map](#)

AI Institute for Exceptional Education (AI4ExceptionalEd)

LEAD ORGANIZATION University at Buffalo

SUBAWARDS

- Cornell University
- Pennsylvania State University
- Stanford University
- The University of Texas at El Paso
- University of Illinois Urbana-Champaign
- University of Nevada, Reno
- University of Oregon
- University of Washington

COLLABORATORS

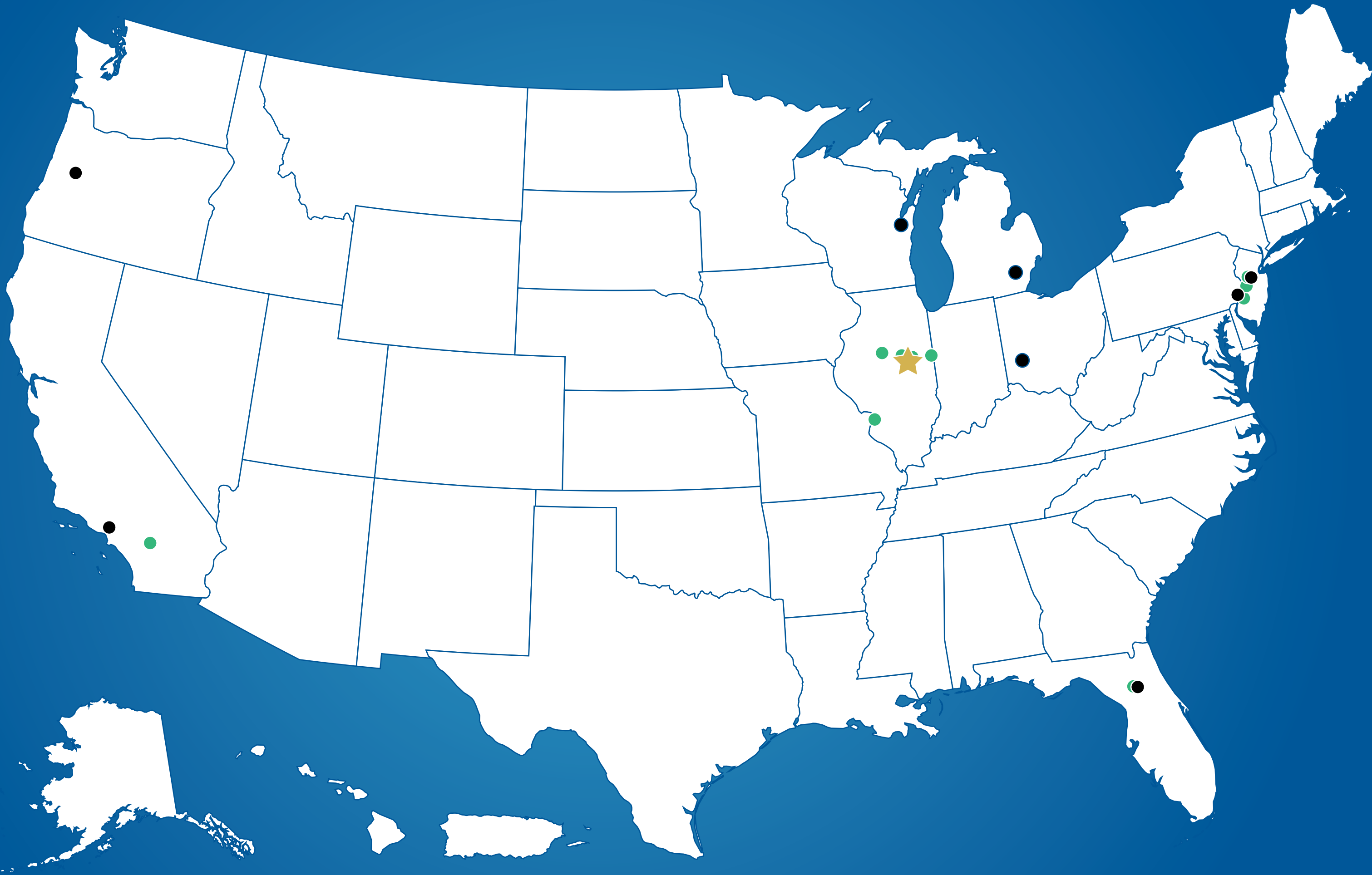
- Amherst Central School District
- Buffalo-area Engineering for Minorities
- Buffalo Public Schools
- Desert Research Institute Nevada Robotics
- GiGi's Playhouse Buffalo
- Sweet Home Central School District of Amherst and Tonawanda
- The Summit Center
- Washoe County School District
- WNY STEM Hub



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Main Map

AI Institute for Inclusive Intelligent Technologies for Education (INVITE)

LEAD ORGANIZATION
University of Illinois Urbana-Champaign

- SUBAWARDS**
- Balance Studios
 - Educational Testing Service
 - Temple University
 - University of Florida
 - University of Michigan
 - University of Oregon
 - University of Southern California
 - Wright State University

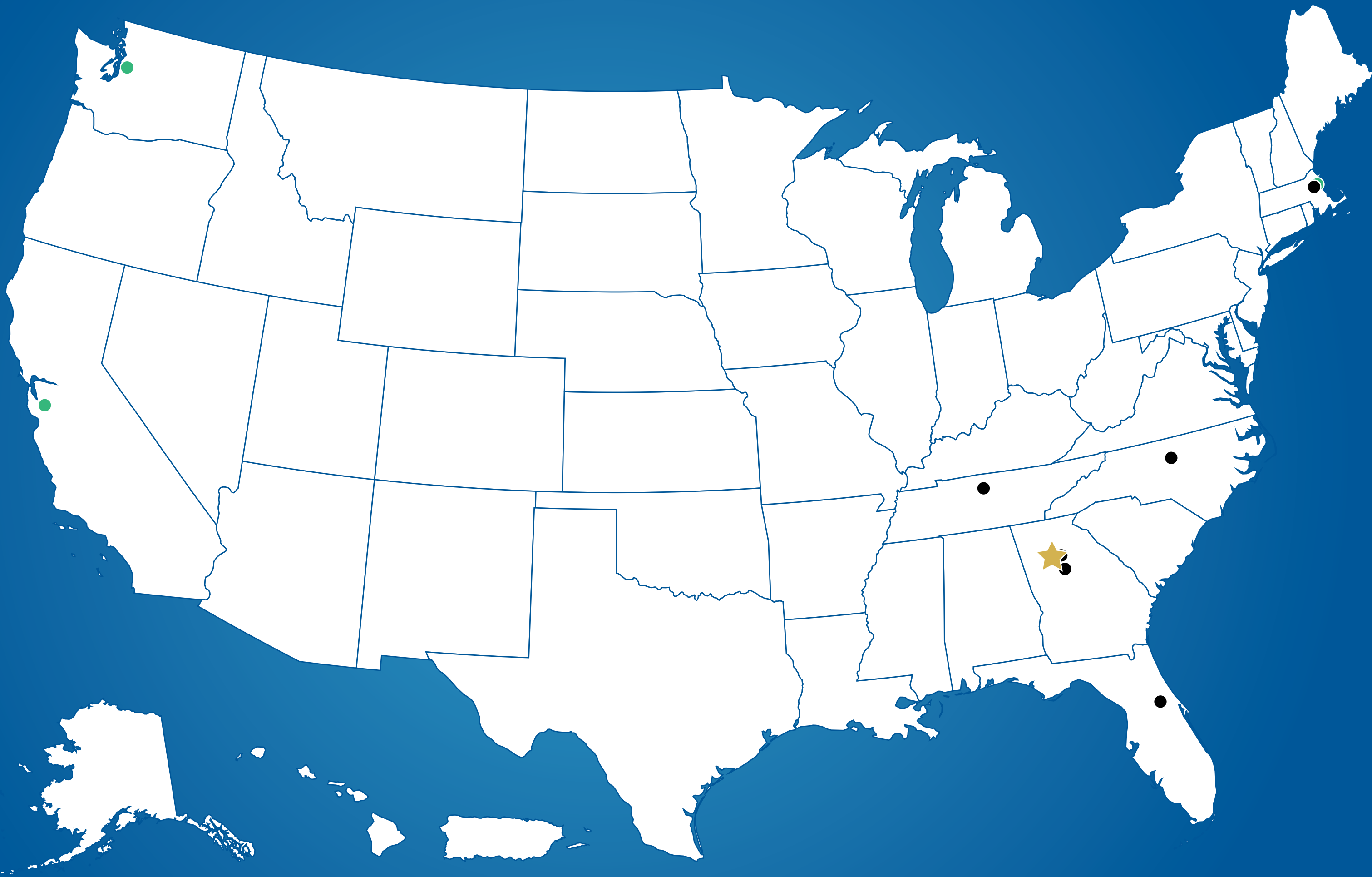
- COLLABORATORS**
- Alachua County Public Schools
 - Camden Dream Center
 - Champaign Unit 4 Schools
 - Danville School District 118
 - East St. Louis School District 189
 - Hispanics Inspiring Students' Performance and Achievement (HISPA)
 - Pennsbury School District
 - Peoria Public Schools
 - Urbana Neighborhood Connections Center
 - Urbana School District #116
 - Western Center Academy



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Note: Collaborators related to an Institute may be represented with a single plot due to space limitations.

[Main Map](#)

NSF AI Institute for Adult Learning and Online Education (NSF ALOE)

LEAD ORGANIZATION
Georgia Tech

- SUBAWARDS**
- 1EdTech
 - Georgia State University
 - Harvard University
 - Technical College System of Georgia (TCSG)
 - University of North Carolina at Greensboro
 - Vanderbilt University

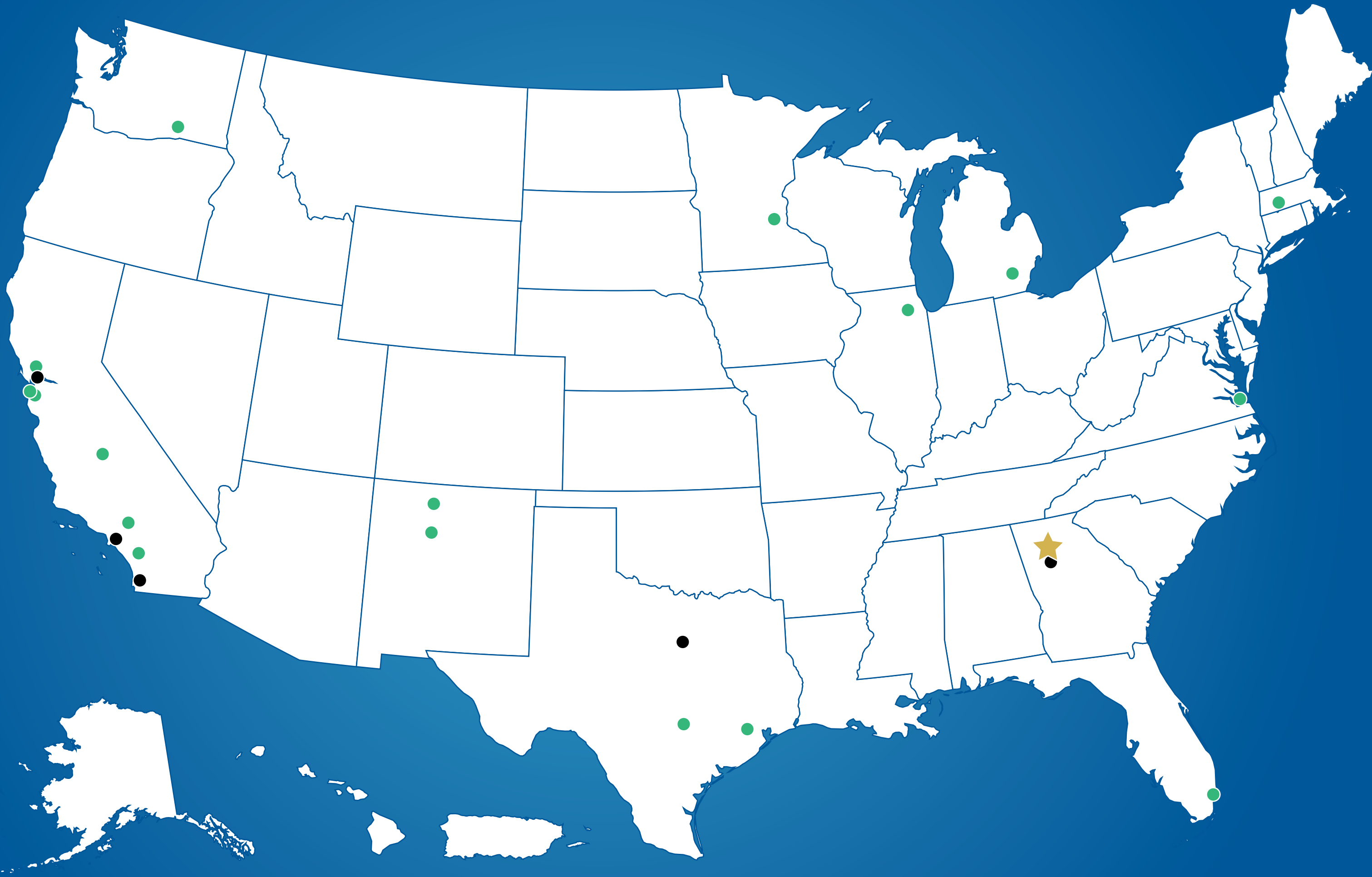
- COLLABORATORS**
- Boeing
 - IBM
 - Wiley



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Main Map

NSF AI Institute for Advances in Optimization (NSF AI4OPT)

LEAD ORGANIZATION Georgia Tech

SUBAWARDS

- Clark Atlanta University
- The University of Texas at Arlington
- University of California, Berkeley
- University of California, San Diego
- University of Southern California

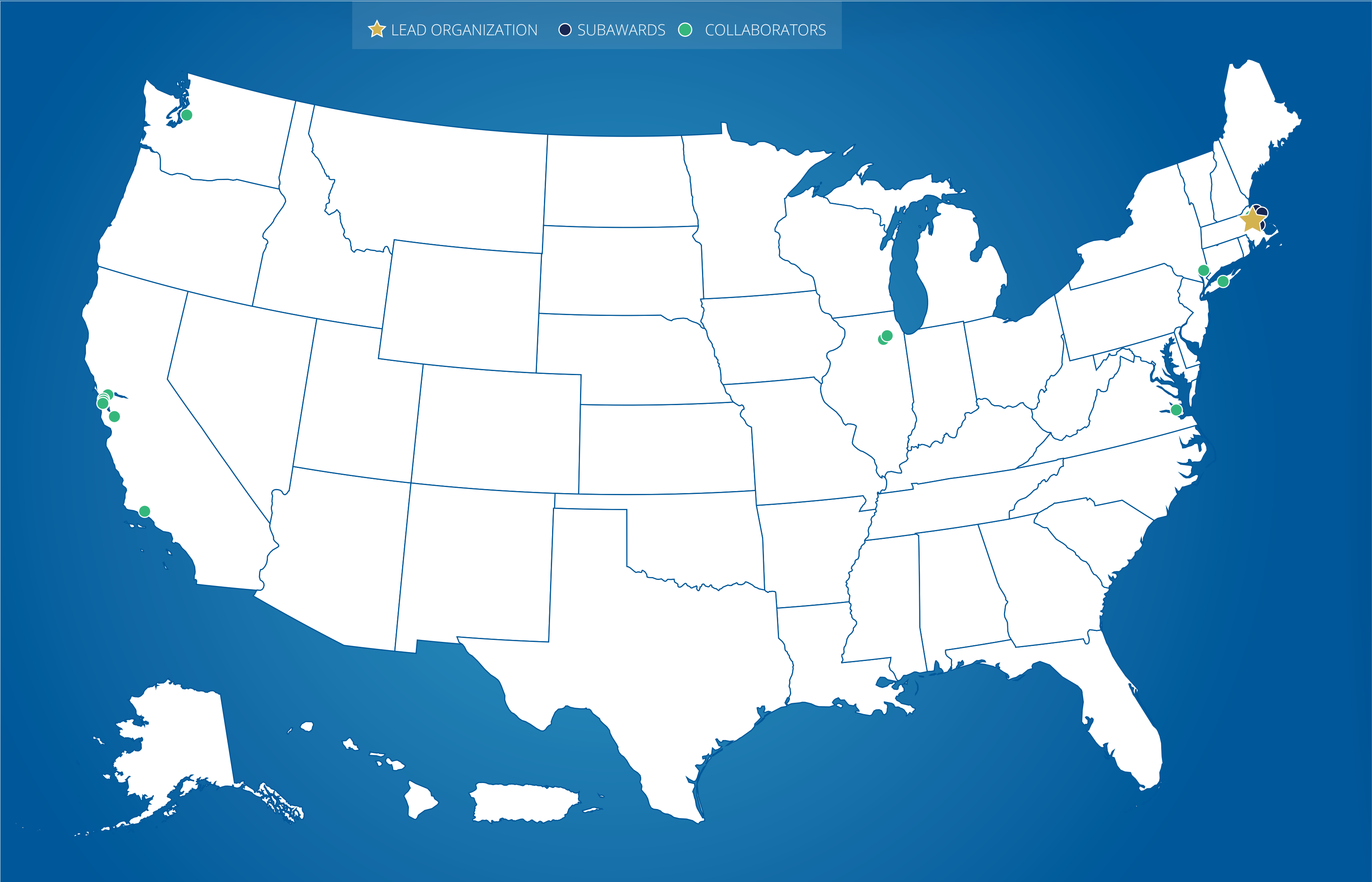
COLLABORATORS

- Argonne National Laboratory
- Banneker High School
- Best Buy
- Center for Machine Learning at Georgia Tech
- College of the Sequoias
- Drew Charter High School
- Google
- Hampton University
- HerWILL
- Huston-Tillotson University
- Intel
- ISO New England
- IVADO
- Keysight Technologies
- Kids Teach Tech
- Kinaxis
- Los Alamos National Laboratory
- Moreno Valley College
- Pacific Northwest National Laboratory
- Partnership for Inclusive Innovation
- PDI Software
- Physical Internet Center at Georgia Tech
- Ryder
- Sandia National Laboratory
- Seth Bonder Foundation
- Southern Company
- Texas Southern University
- United Parcel Service
- University of Waterloo
- Victor Valley College
- Westlake High School
- Zuse Institute Berlin



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Main Map

NSF AI Institute for Artificial Intelligence and Fundamental Interactions (NSF IAIFI)

LEAD ORGANIZATION
Massachusetts Institute of Technology

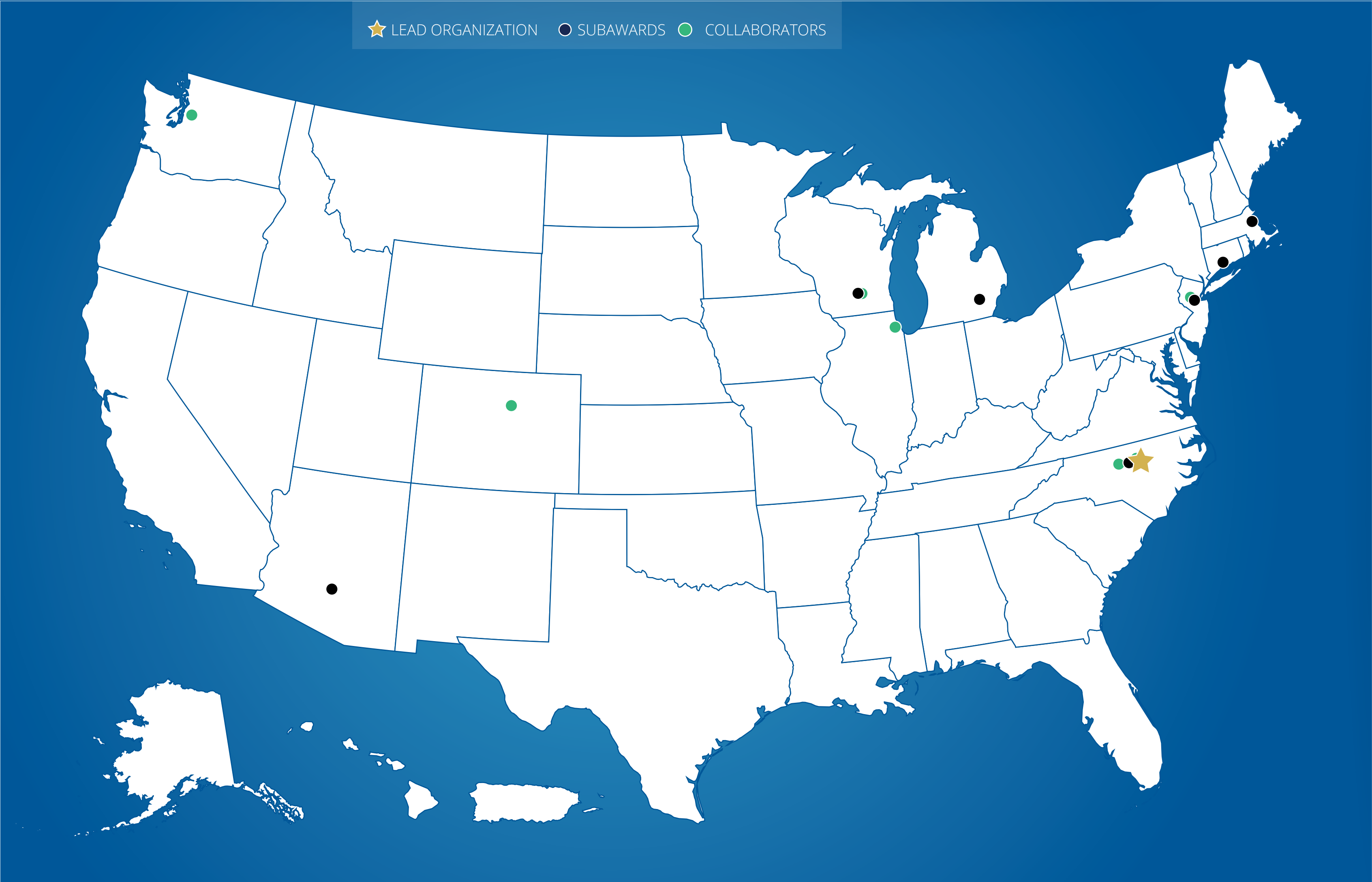
- SUBAWARDS
- Harvard University
 - Northeastern University
 - Tufts University

- COLLABORATORS
- Argonne National Lab
 - Brandeis University
 - Brookhaven National Laboratory
 - CERN
 - Deep Mind
 - Fermilab
 - Frontier Development Lab
 - Generally Intelligent
 - Google AI Quantum
 - Google Research
 - IBM
 - Jefferson Lab
 - Lawrence Berkeley National Laboratory
 - LIGO Scientific Collaboration
 - Microsoft Research
 - MIT-Bates Computing Center
 - MIT-Harvard Center for Ultracold Atoms
 - MIT-IBM Watson AI Lab
 - MIT-Social and Ethical Responsibilities of Computing
 - MIT Laboratory for Nuclear Science
 - MIT Statistics and Data Science Center
 - NVIDIA
 - OpenAI
 - QuEra
 - SalesForce
 - Sony
 - Toyota Research Institute
 - Unlearn



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Main Map

NSF AI Institute for Edge Computing Leveraging Next-generation Networks (NSF Athena)

LEAD ORGANIZATION
Duke University

- SUBAWARDS
- Arizona State University
 - Massachusetts Institute of Technology
 - North Carolina A&T
 - Princeton University
 - University of Michigan
 - University of Wisconsin
 - Yale University

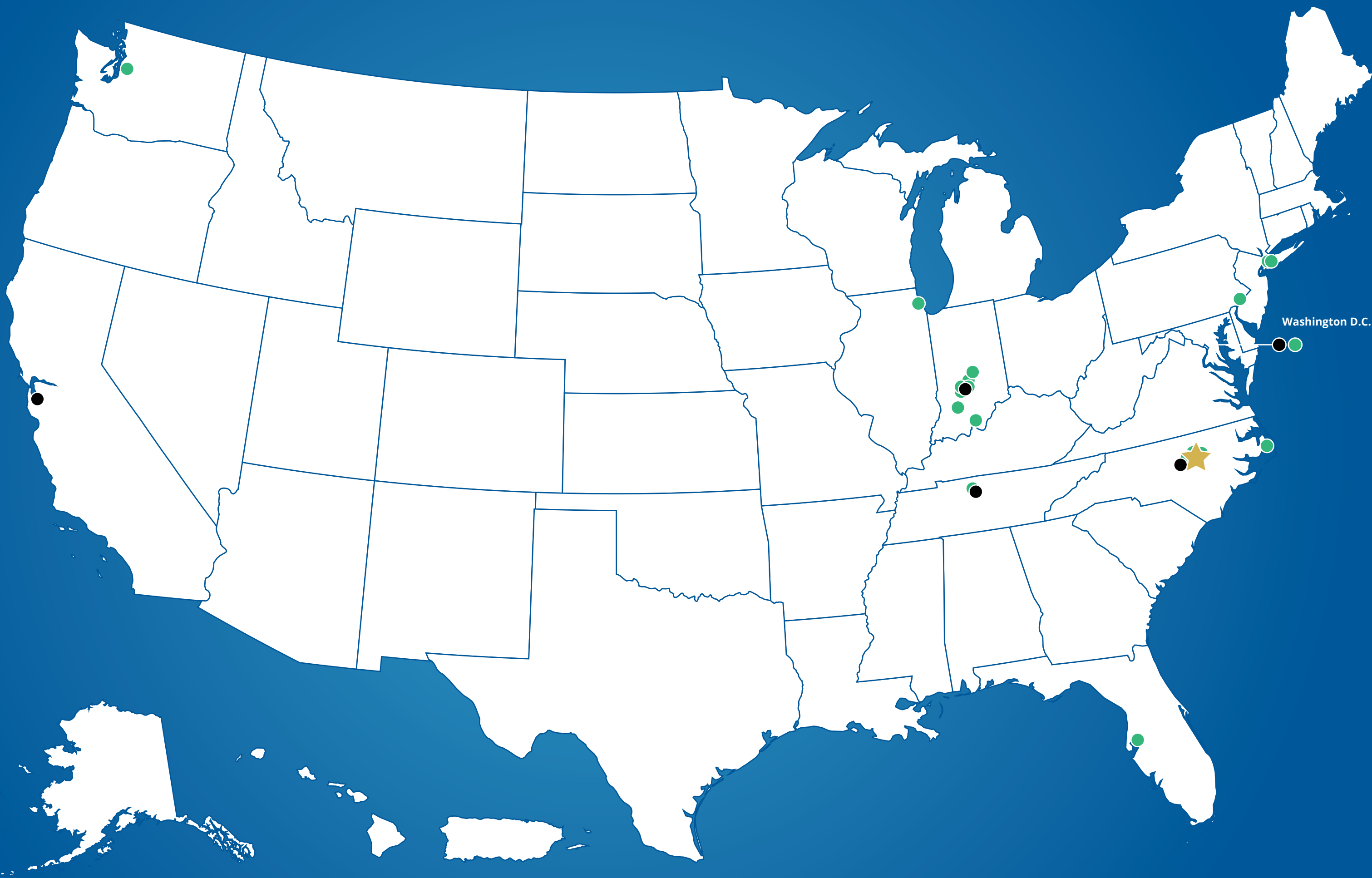
- COLLABORATORS
- 5NINES
 - AT&T
 - EdgeMicro
 - Microsoft
 - Motorola Solutions
 - North Carolina School of Science and Mathematics
 - The STEM Early College at N.C. A&T
 - Town of Cary



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Main Map

NSF AI Institute for Engaged Learning (NSF ENGAGE AI Institute)

LEAD ORGANIZATION
North Carolina State University

- SUBAWARDS
- Digital Promise Global, D.C.
 - Digital Promise Global, CA
 - Indiana University
 - University of North Carolina at Chapel Hill
 - Vanderbilt University

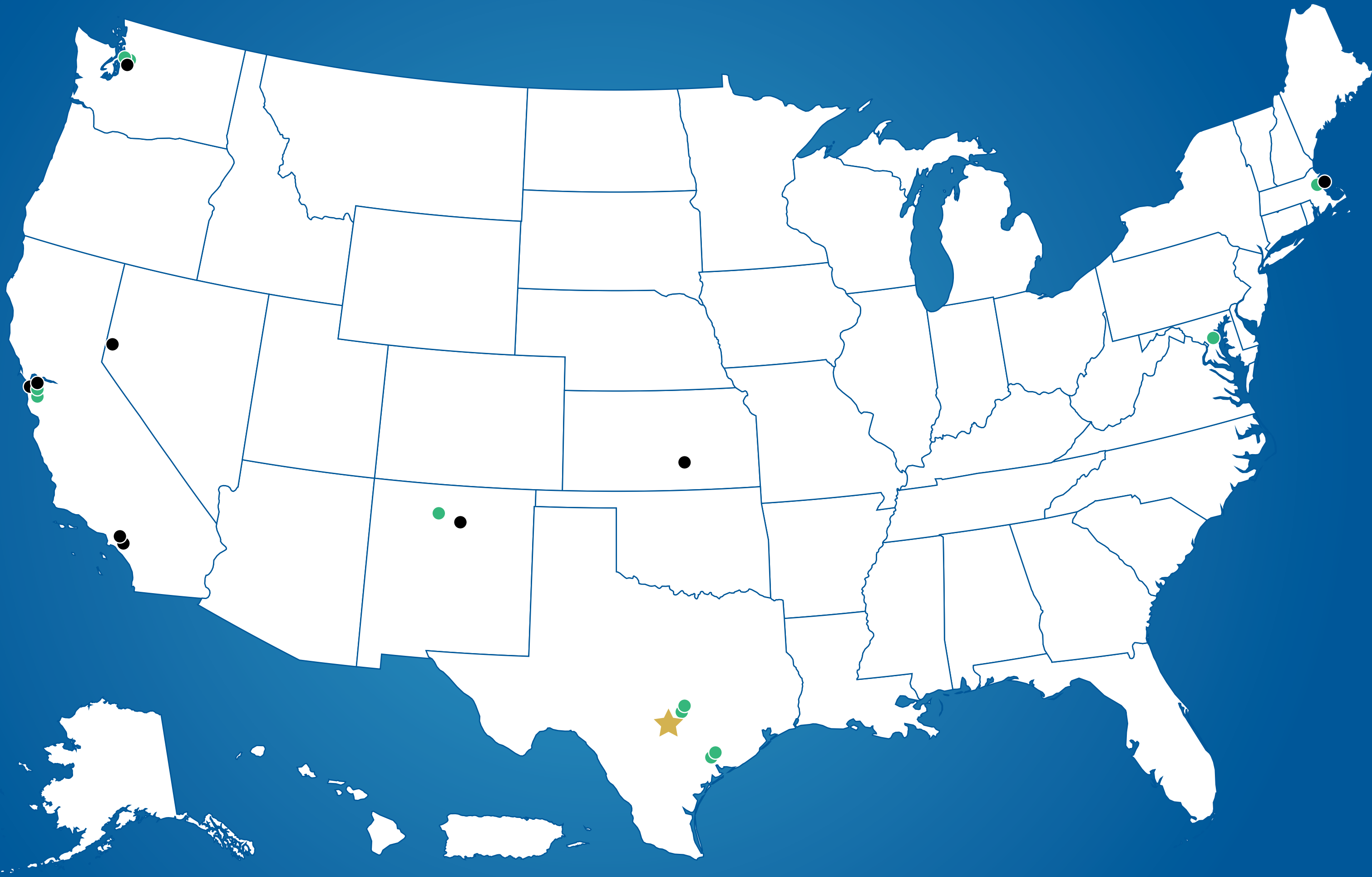
- COLLABORATORS
- AI for Teachers
 - Boys & Girls Clubs of Bloomington
 - Boys & Girls Clubs of the Coastal Plain
 - Brown County Schools
 - Code.org
 - Computer Science Teachers Association
 - Computing Research Association
 - CSforALL
 - Dare County Schools
 - EngageCEdu
 - Greater Clark County Schools
 - Indiana School for the Deaf
 - Loogootee Community School Corporation
 - Metro Nashville Public Schools
 - Metropolitan School District of Wayne Township
 - Monroe County Community School Corporation
 - Nextech
 - North Carolina Department of Public Instruction
 - North Carolina Museum of Natural Sciences
 - STARS Computing Corps
 - Wake County Public School System
 - WonderLab Museum of Science, Health and Technology



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Main Map

NSF AI Institute for Foundations of Machine Learning (NSF IFML)

LEAD ORGANIZATION
The University of Texas at Austin

- SUBAWARDS**
- Boston College
 - Caltech
 - Santa Fe Institute
 - Stanford University
 - UC Berkeley
 - UCLA
 - University of Nevada, Reno
 - University of Washington
 - Wichita State University

- COLLABORATORS**
- Amazon
 - Apple
 - Dell Medical School at The University of Texas at Austin
 - Dell Technologies
 - Google
 - Harvard University
 - Houston Methodist
 - Los Alamos National Laboratory
 - Meta
 - Microsoft Research
 - The University of Texas MD Anderson Cancer Center



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Main Map

NSF AI Institute for Future Edge Networks and Distributed Intelligence (NSF AI-EDGE)

LEAD ORGANIZATION The Ohio State University

SUBAWARDS

- Carnegie Mellon University
- Northeastern University
- Purdue University
- University of Illinois Chicago
- University of Illinois Urbana-Champaign
- University of Massachusetts Amherst
- University of Michigan
- University of Texas at Austin
- University of Washington
- University of Wisconsin

COLLABORATORS

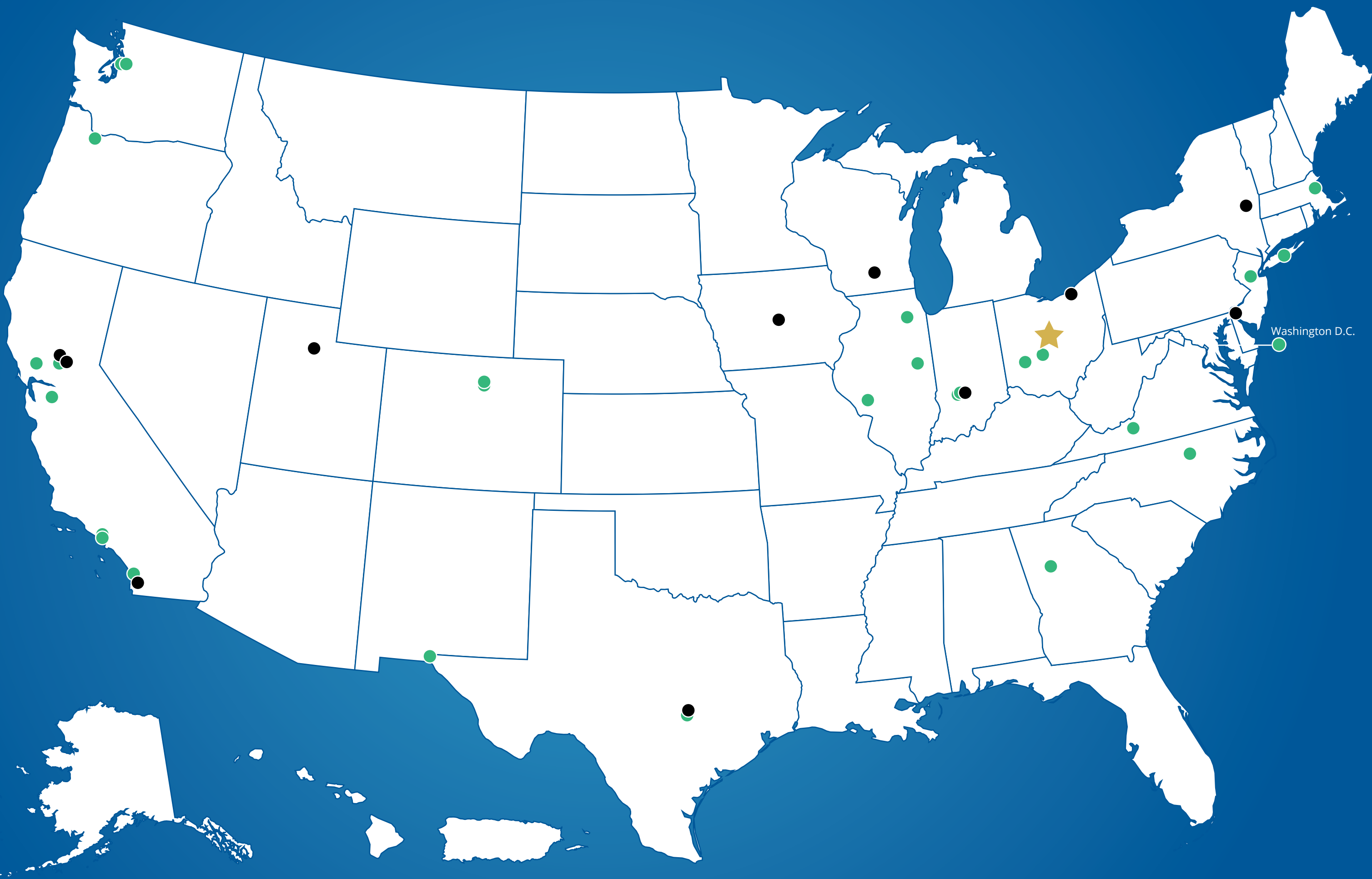
- Air Force Research Laboratory, NY
- Air Force Research Laboratory, OH
- Army Research Laboratory
- AT&T Labs, NJ
- AT&T Labs, TX
- Cisco
- IBM Thomas J. Watson Research Center
- Indian Institute of Technology-Madras
- Indian Institute of Technology Bombay
- Korea Advanced Institute of Science & Technology (KAIST)
- Korea University
- Microsoft
- Naval Research Laboratory
- NVIDIA
- Open Networking Foundation
- Qualcomm, CA
- Qualcomm, NJ
- Seoul National University
- Tulane University
- Wayne State University



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Main Map

NSF AI Institute for Intelligent Cyberinfrastructure with Computational Learning in the Environment (NSF ICICLE)

LEAD ORGANIZATION The Ohio State University

SUBAWARDS

- Case Western Reserve
- IC-FOODS
- Indiana University
- Iowa State University
- Rensselaer Polytechnic Institute
- University of California, Davis
- University of California San Diego
- University of Delaware
- University of Texas at Austin
- University of Utah
- University of Wisconsin-Madison

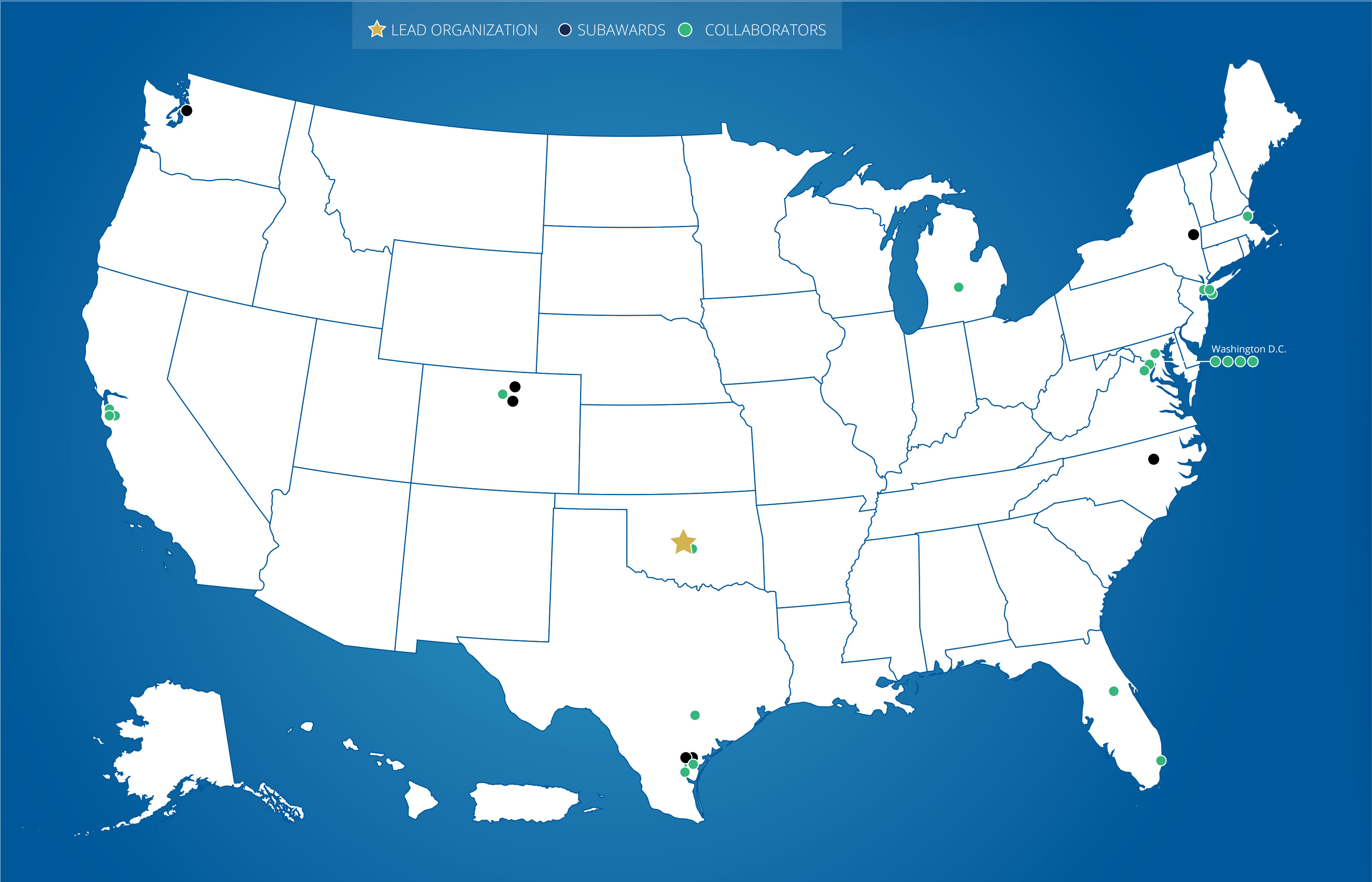
COLLABORATORS

- | | |
|--|--|
| • AccessComputing | • Mid-Ohio Food Collective |
| • Agricultural Data Coalition | • Molecular Sciences Software Institute |
| • AI Institute for Next Generation Food Systems | • National Center for Women and Information Technology |
| • Artificial Intelligence for Future Agricultural Resilience, Management, and Sustainability Institute | • National Ecological Observatory Network-Battelle |
| • Brookhaven National Laboratory | • Nationwide Children's Hospital |
| • CNH Industrial | • Princeton University |
| • Computing Alliance of Hispanic-Serving Institutions | • Science Gateways Community Institute |
| • Expanding Pathways in Computing Alliance | • Southern California Earthquake Center |
| • Fermi National Accelerator Laboratory | • The Findings Group |
| • I Love Farmers Markets | • TrustedCI Institute |
| • Indiana University-Jetstream | • University of North Carolina at Chapel Hill |
| • Information Sciences Institute | • University of Stuttgart |
| • Institute for Artificial Intelligence and Fundamental Interactions | • U.S. Fish and Wildlife Service |
| • Lawrence Livermore National Laboratory | • WildMe |
| • Max Planck Society | |
| • Microsoft AI for Earth | |



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Main Map

NSF AI Institute for Research on Trustworthy AI in Weather, Climate, and Coastal Oceanography (NSF AI2ES)

LEAD ORGANIZATION

University of Oklahoma

SUBAWARDS

- Colorado State University
- Del Mar College
- National Center for Atmospheric Research
- North Carolina State University
- Texas A&M University Corpus Christi
- University at Albany
- University of Washington

COLLABORATORS

- Calhoun County
- Central Michigan University
- City of Corpus Christi
- Department of Homeland Security and Emergency Services
- Disaster Tech
- Department of Transportation, Department of Environmental Conservation
- Google
- IBM (The Weather Company)
- MyRadar
- National Hurricane Center, Joint Typhoon Warning Center
- National Park Service
- National Institute of Standards and Technology (NIST)
- New York Independent System Operator
- New York Power Authority
- New York State Thruway
- NOAA, National Severe Storms Laboratory, Storm Prediction Center National Oceanic and Atmospheric Administration
- NOAA's National Global Systems Laboratory (GSL)
- NOAA Sea Grant
- Nueces County Coastal Parks
- Nvidia
- Oklahoma Climate Survey
- Palo Alto Research Center
- Radiant Earth Foundation
- Texas Coastal Offices of the National Weather Service
- TrueWeather Solutions
- Vaisala



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Main Map

NSF AI Institute for Societal Decision Making (NSF AI-SDM)

LEAD ORGANIZATION
Carnegie Mellon University

- SUBAWARDS
- Boston Children's Hospital
 - Harvard University
 - Howard University
 - Navajo Technical University
 - The MITRE Corporation VA
 - Texas A&M
 - Penn Sate
 - University of Washington
 - Winchester Thurston School

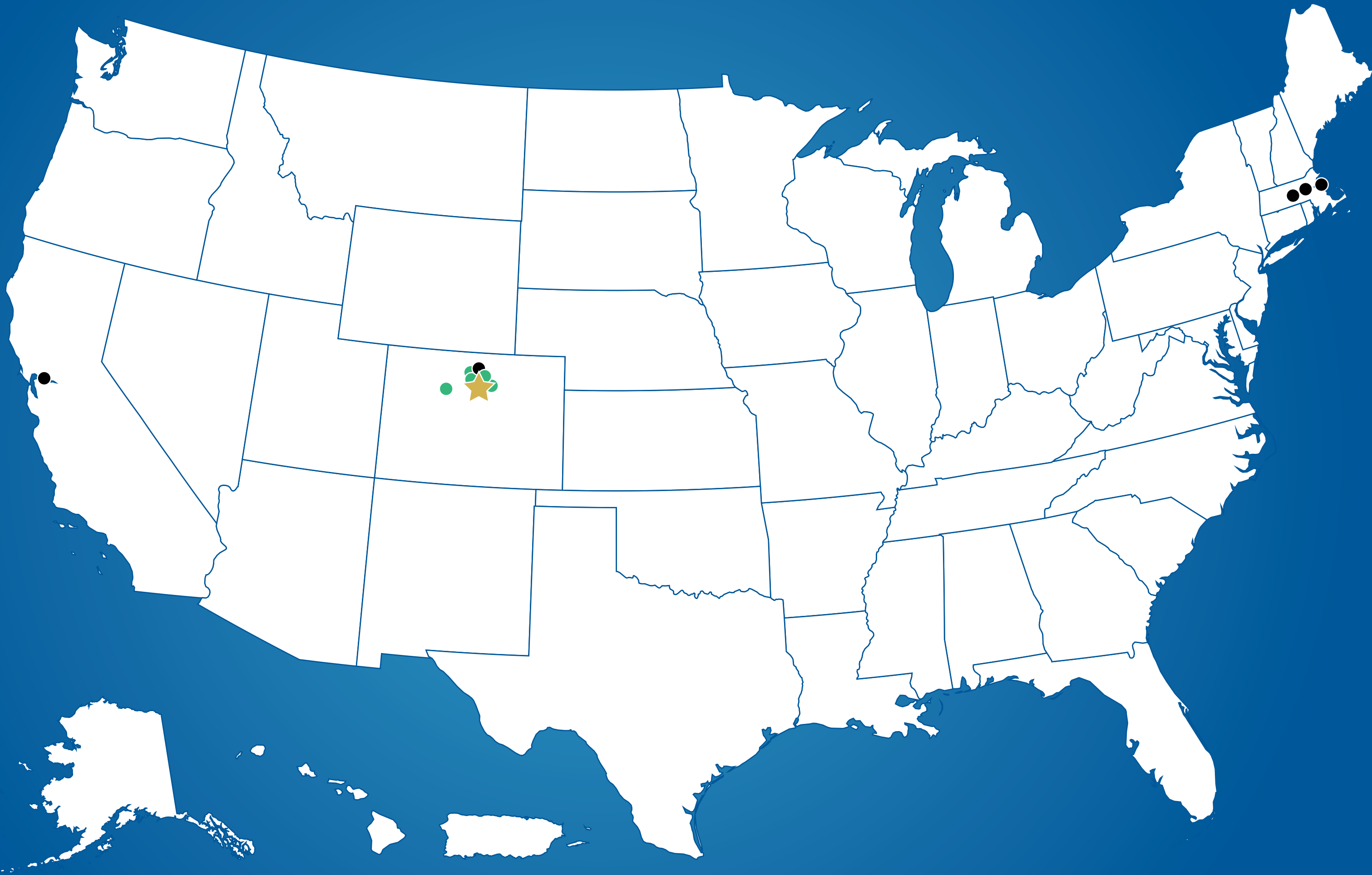
- COLLABORATORS
- AI Institute for Future Design Networks and Distributed Intelligence
 - AI Institute for Research on Trustworthy AI in Weather, Climate, and Coastal Oceanography (AI2ES)
 - AI Institute for Resilient Agriculture (AIIRA)
 - Air Force Reserach Laboratory
 - Allegheny County Health Department
 - American Red Cross
 - Arkansas State University
 - Armman
 - Artificial Intelligence Institute for Advances in Optimization AI4OPT
 - Boston Public Library
 - Carnegie Library of Pittsburgh
 - Central Carolina Technical College
 - Cleveland Clinic
 - Google, India
 - Government of Madagascar Ministry of Health
 - HaSET, Ethiopian Public Health Institute
 - Kushibaby
 - Massachussets Department of Health
 - Microsoft Research
 - Naima Health
 - Optum
 - Pennsylvania Emergency Managment Agency
 - Texas Division of Emergency Management



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Note: Collaborators related to an Institute may be represented with a single plot due to space limitations.

[Main Map](#)

NSF Institute for Student-AI Teaming (NSF iSAT)

LEAD ORGANIZATION
University of Colorado Boulder

- SUBAWARDS**
- Boston University
 - Brandeis University
 - Colorado State University
 - UC Berkeley
 - Worcester Polytechnic Institute

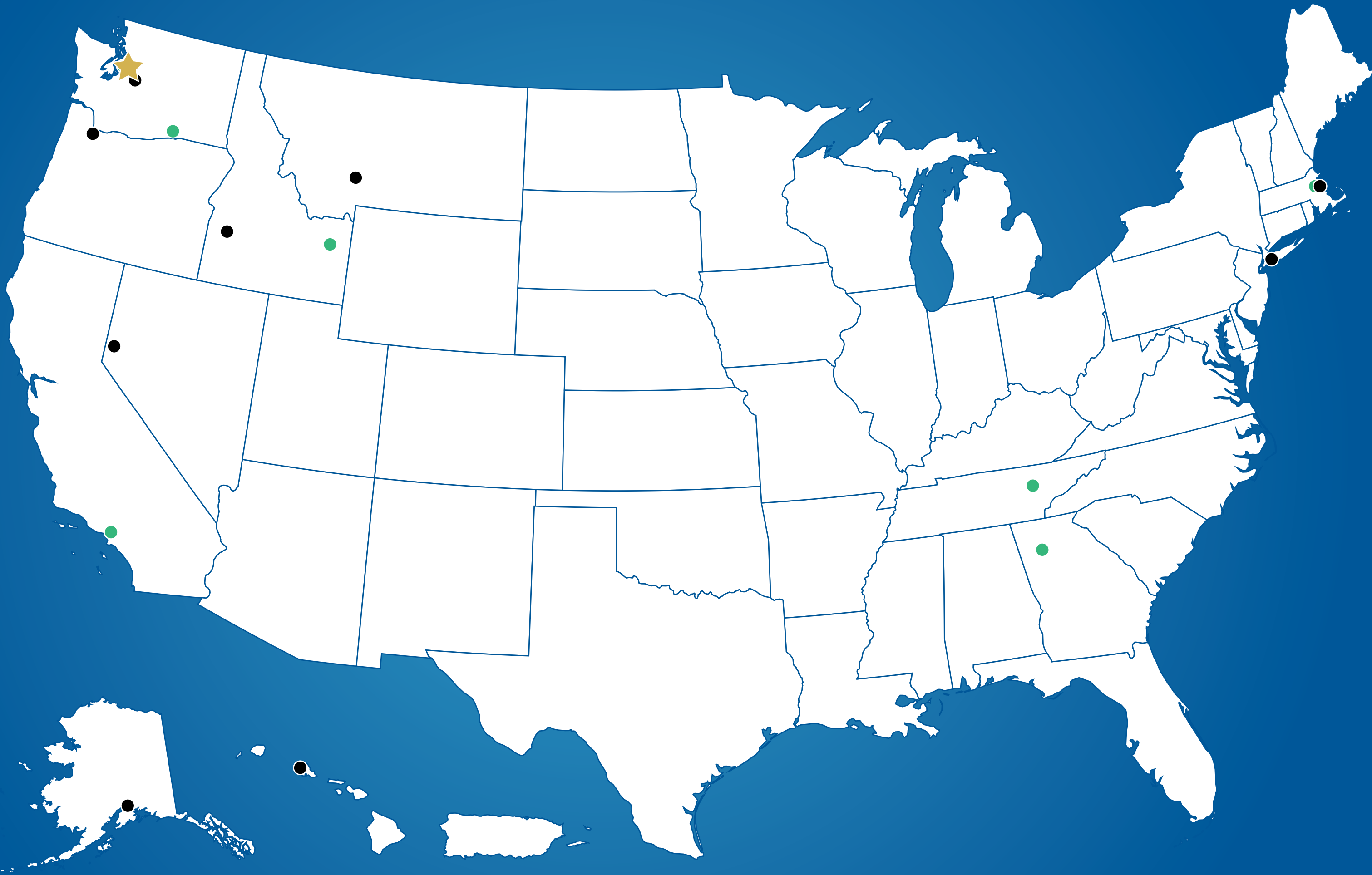
- COLLABORATORS**
- Adams 12 Five Star Schools
 - Aurora Public Schools
 - Boulder Valley School District
 - Eagle County School
 - St. Vrain Valley Schools District



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Main Map

NSF AI Institute for Dynamic Systems (NSF Dynamics AI)

LEAD ORGANIZATION University of Washington

SUBAWARDS

- Boise State University
- Columbia University
- Harvard University
- Montana State University
- Portland State University
- Seattle University
- University of Alaska Anchorage
- University of Hawaii
- University of Nevada Reno

COLLABORATORS

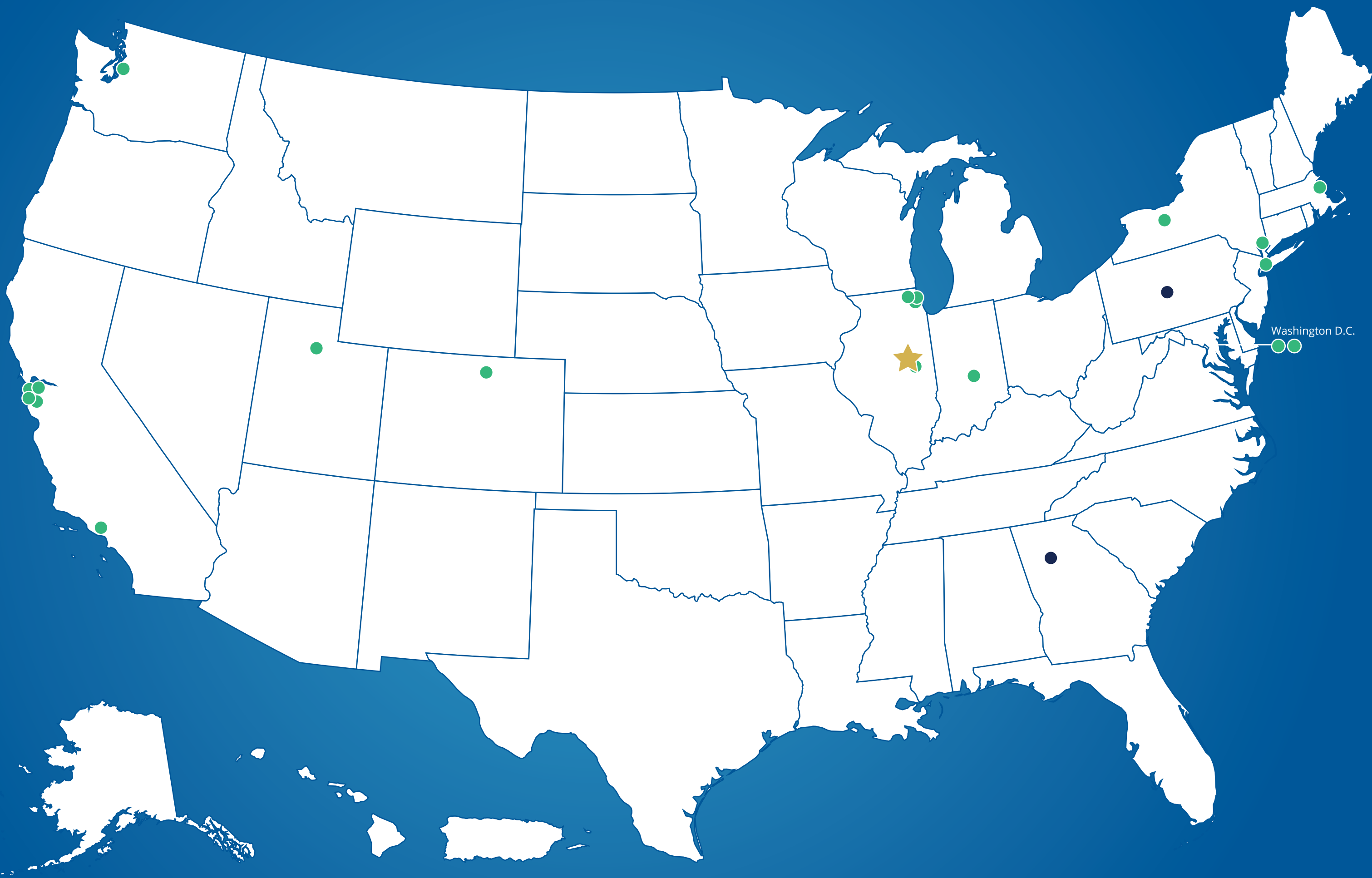
- Boeing Advanced Research Center
- Idaho National Laboratory
- Mitsubishi Electric Research Laboratories
- Oak Ridge National Laboratory
- Pacific Northwest National Laboratories
- Spelman College
- The Aerospace Corporation



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The map reflects the approximate location of the lead organizations, subawards, and collaborators.
Note: Collaborators related to an Institute may be represented with a single plot due to space limitations.

Main Map

NSF AI Institute for Molecular Discovery, Synthetic Strategy, and Manufacturing (NSF Molecule Maker Lab or NSF MMLI)

LEAD ORGANIZATION
University of Illinois Urbana-Champaign

SUBAWARDS
• Georgia Tech
• The Pennsylvania State University

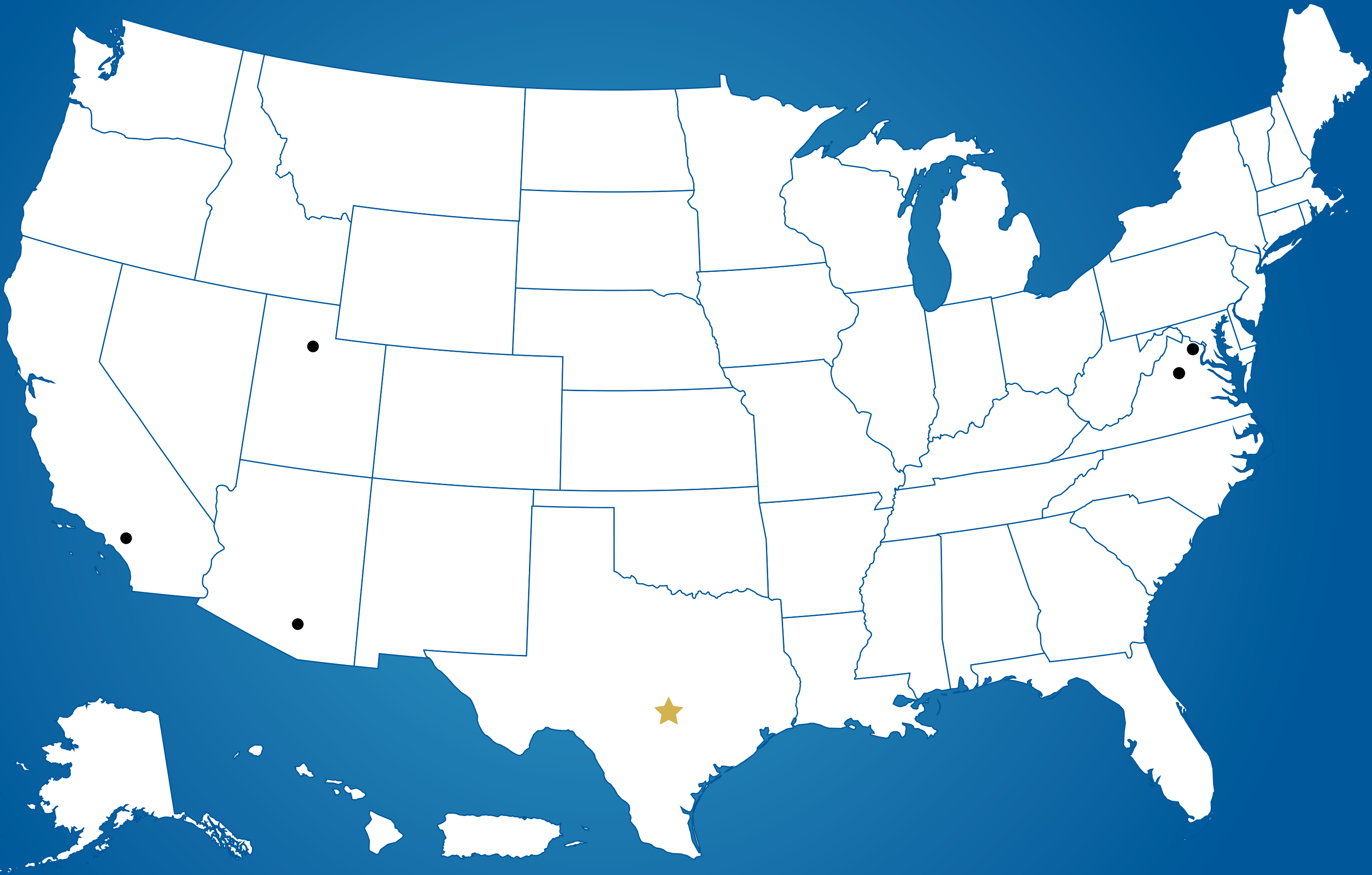
COLLABORATORS
• Abbvie Inc.
• Allchemy, Inc.
• Amgen
• American Chemical Society
• Colorado State University
• Eli Lilly and Company
• Genentech
• IBM
• LanzaTech
• Microsoft
• MIT
• The National Academies of Sciences, Engineering and Medicine
• Northwestern University
• NVIDIA
• Pfizer
• Revolution Medicines, Inc.
• Rochester Institute of Technology
• Ulsan National Institute of Science and Technology (Ulsan, South Korea)
• University High School
• University of Toronto (Toronto, Canada)
• University of Utah



NATIONAL AI RESEARCH INSTITUTES

The NSF-led National AI Research Institutes Program is the nation's largest AI research ecosystem and is supported by a partnership of federal agencies and industry leaders.

★ LEAD ORGANIZATION ○ SUBAWARDS



The map reflects the approximate location of the lead organizations and subawards.

Main Map

NSF-Simons AI Institute for Cosmic Origins (CosmicAI)

LEAD ORGANIZATION
University of Texas at Austin

- SUBAWARDS**
- University of Virginia Main Campus
 - Associated Universities, Inc
 - University of Utah
 - Association of Universities for Research in Astronomy, Inc.
 - University of California at Los Angeles



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Main Map

NSF-Simons AI Institute for the Sky (SkAI)

LEAD ORGANIZATION
Northwestern University

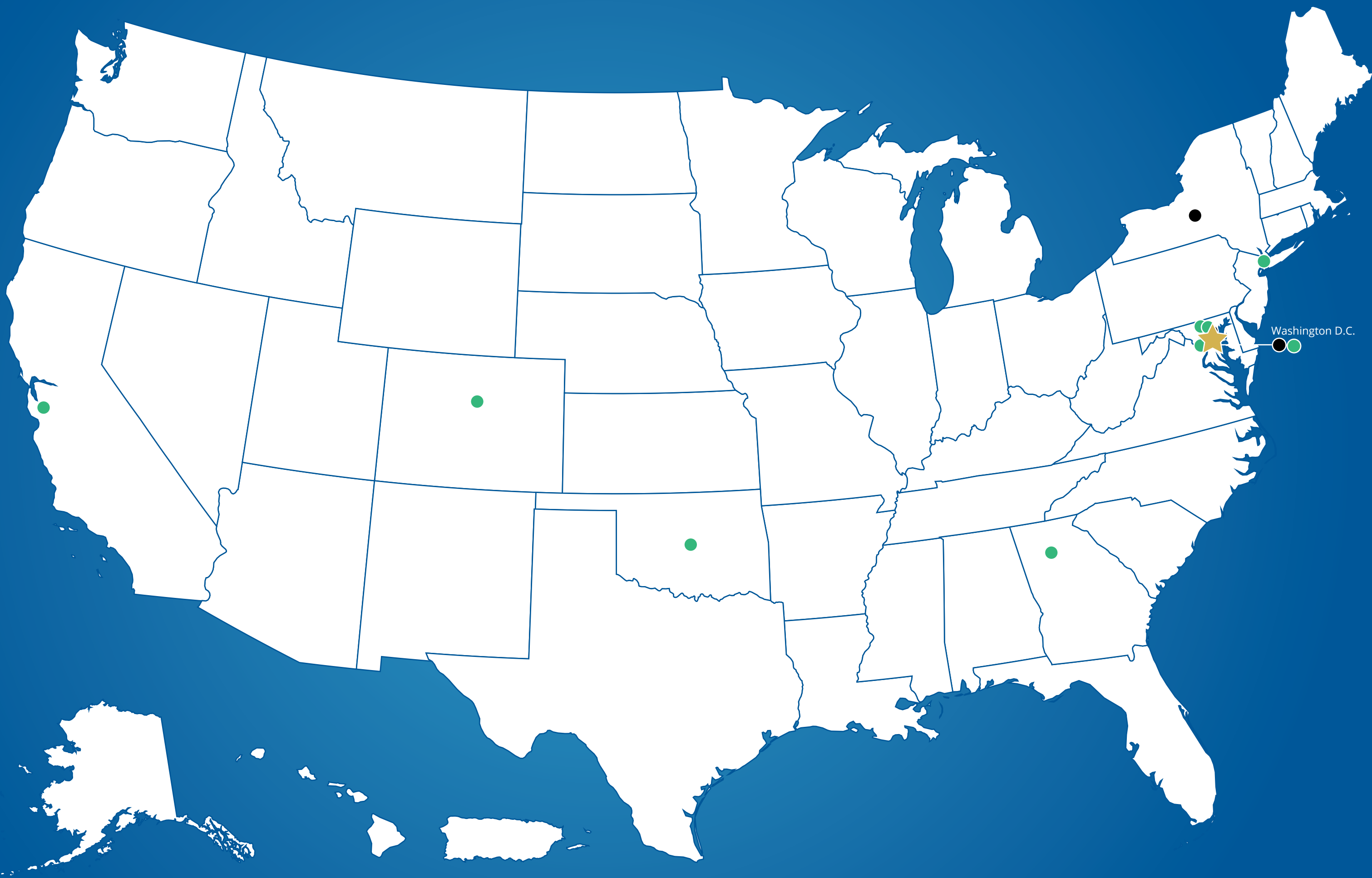
- SUBAWARDS**
- University of Chicago
 - University of Illinois at Urbana-Champaign
 - Adler Planetarium
 - University of Illinois at Chicago



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★ LEAD ORGANIZATION ● SUBAWARDS ● COLLABORATORS



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Note: Collaborators related to an Institute may be represented with a single plot due to space limitations.

[Main Map](#)

AI Institute for Trustworthy AI in Law and Society (TRAILS)

LEAD ORGANIZATION
University of Maryland, College Park

- SUBAWARDS**
- Cornell University
 - George Washington University
 - Morgan State University

- COLLABORATORS**
- Army Research Lab
 - AI Institute for Research on Trustworthy AI in Weather, Climate, and Coastal Oceanography (AI2ES)
 - ArthurAI
 - CheckStep
 - DataEdX Group
 - Digital Promise
 - FinRegLab
 - Google
 - Institute for Education Sciences
 - Integrity Research Institute
 - Maryland Center for Computing Education
 - National Aeronautics and Space Administration (NASA)
 - Planet Word Museum
 - TechStars



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Main Map

NSF AI Institute for Learning-Enabled Optimization at Scale (NSF TILOS)

LEAD ORGANIZATION
University of California San Diego

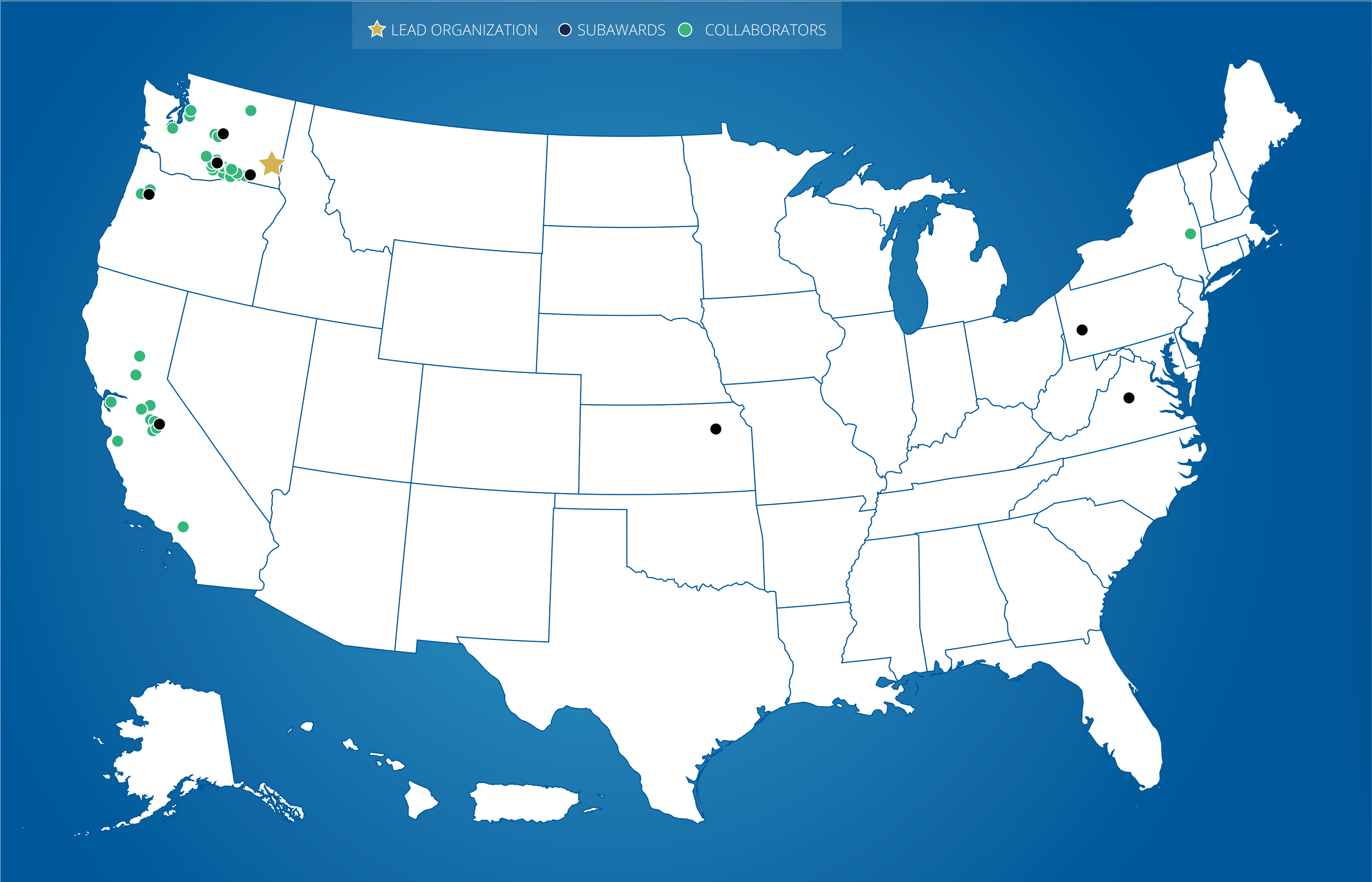
- SUBAWARDS**
- Massachusetts Institute of Technology
 - National University
 - University of Pennsylvania
 - University of Texas at Austin
 - Yale University

- COLLABORATORS**
- Advanced Micro Devices, Inc.
 - Ansys, Inc.
 - A Reason To Survive (ARTS)
 - Cadence Design Systems
 - FIRST
 - Girl Scouts San Diego
 - Google
 - IBM
 - Intel
 - Meta
 - NVIDIA
 - Planck Aerosystem, Inc.
 - Qualcomm
 - SACNAS
 - Samsung Austin R & D Center
 - Samsung Strategy and Innovation Center
 - Siemens EDA
 - Silicon Integration Initiative, Inc.
 - Sweetwater Union High School District
 - Synopsys, Inc.
 - TuSimple, Inc.



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Main Map

Institute for Agricultural AI for Transforming Workforce and Decision Support (USDA-NIFA AgAID)

LEAD ORGANIZATION Washington State University

SUBAWARDS

- Carnegie Mellon University
- Heritage University
- Innov8 Ag
- Kansas State University
- Oregon State University
- University of California Merced
- University of Virginia
- Wenatchee Valley College

COLLABORATORS

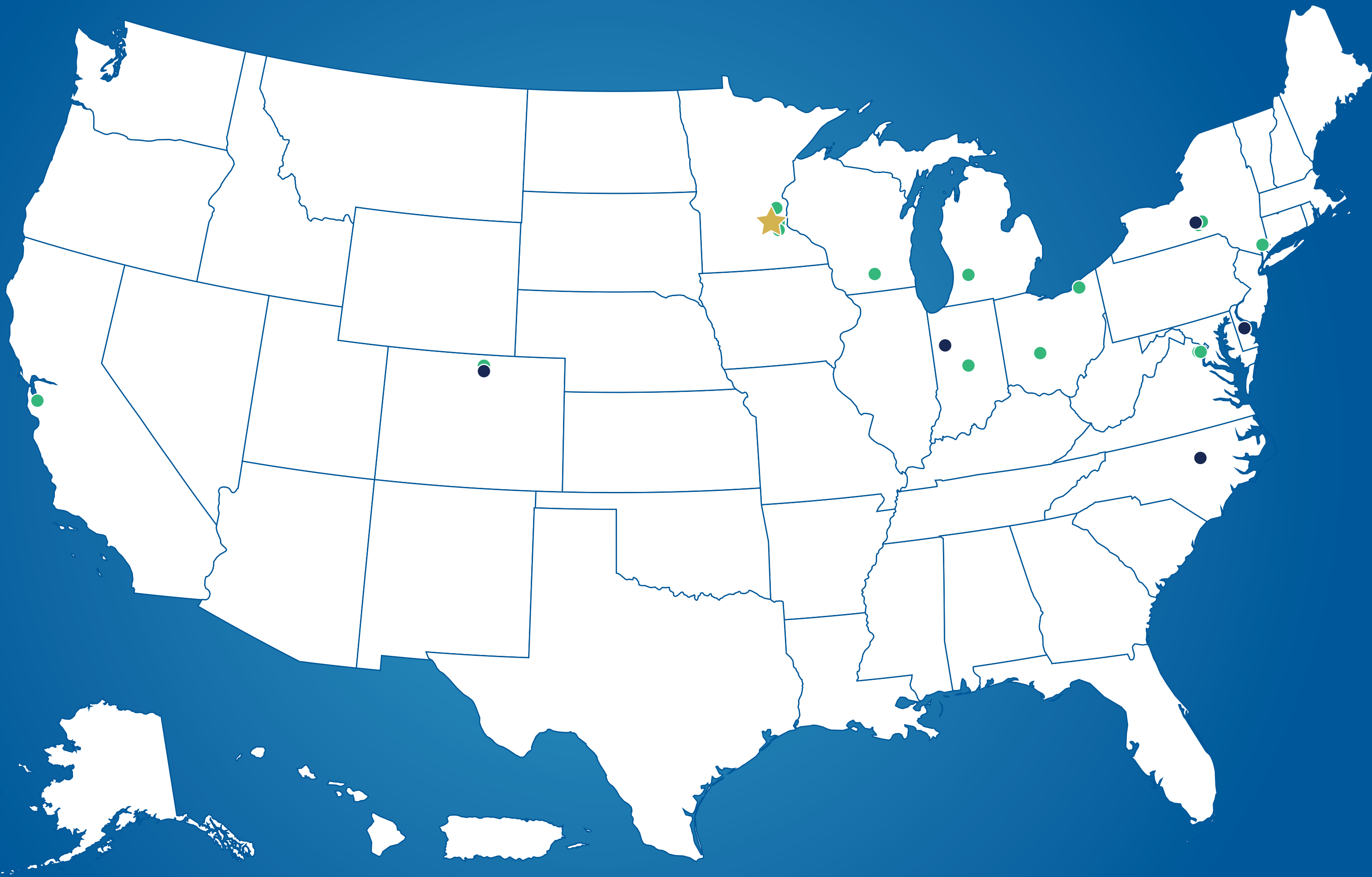
- | | |
|---|--|
| <ul style="list-style-type: none">• AgTech Insight• AgWeatherNet• Allan Bros• Almond Board of CA• California Department of Water Resources• Cascadia Innovation Corridor• Central Valley Community Foundation• Chemeketa Community College• Ciel du Cheval Vineyard• Columbia Basin College• Columbia Crest Winery• Dive 4 Agriculture• Environmental Defence Fund• First Nations MESA, Heritage University• Good Fruit Grower• Grassland Water District• G S Long• Hebrew University• IBM Research• Leibniz Institute for Agricultural Engeneering and Bioeconomy• Linn-Benton Community College• Merced College• Merced Irrigation District | <ul style="list-style-type: none">• Mercer Ranches• Microsoft• Microsoft Research• NCW Tech Alliance• Okanogan Irrigation District• Pontificia Universidad Católica de Chile• Roza Irrigation District• Turlock Irrigation District• Universitat Politècnica de València• University of British Columbia• University of Technology Sydney• Verdant Robotics• Wageningen University and Research• Walla Walla County Conservation District• Washington Department of Ecology• Washington State Mint Commission• WA Tree Fruit Research Commission• Wilbur-Ellis• Wonderful Orchards• Yakama Nation Tribal School• Zirkle Fruit Co |
|---|--|



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Main Map

AI Institute for Climate-Land Interactions, Mitigation, Adaptation, Tradeoffs and Economy (USDA-NIFA AI-CLIMATE)

LEAD ORGANIZATION
University of Minnesota, Twin Cities

- SUBAWARDS**
- Colorado State University
 - Cornell University
 - Delaware State
 - International Soil Reference and Information Centre
 - North Carolina State University
 - Purdue University

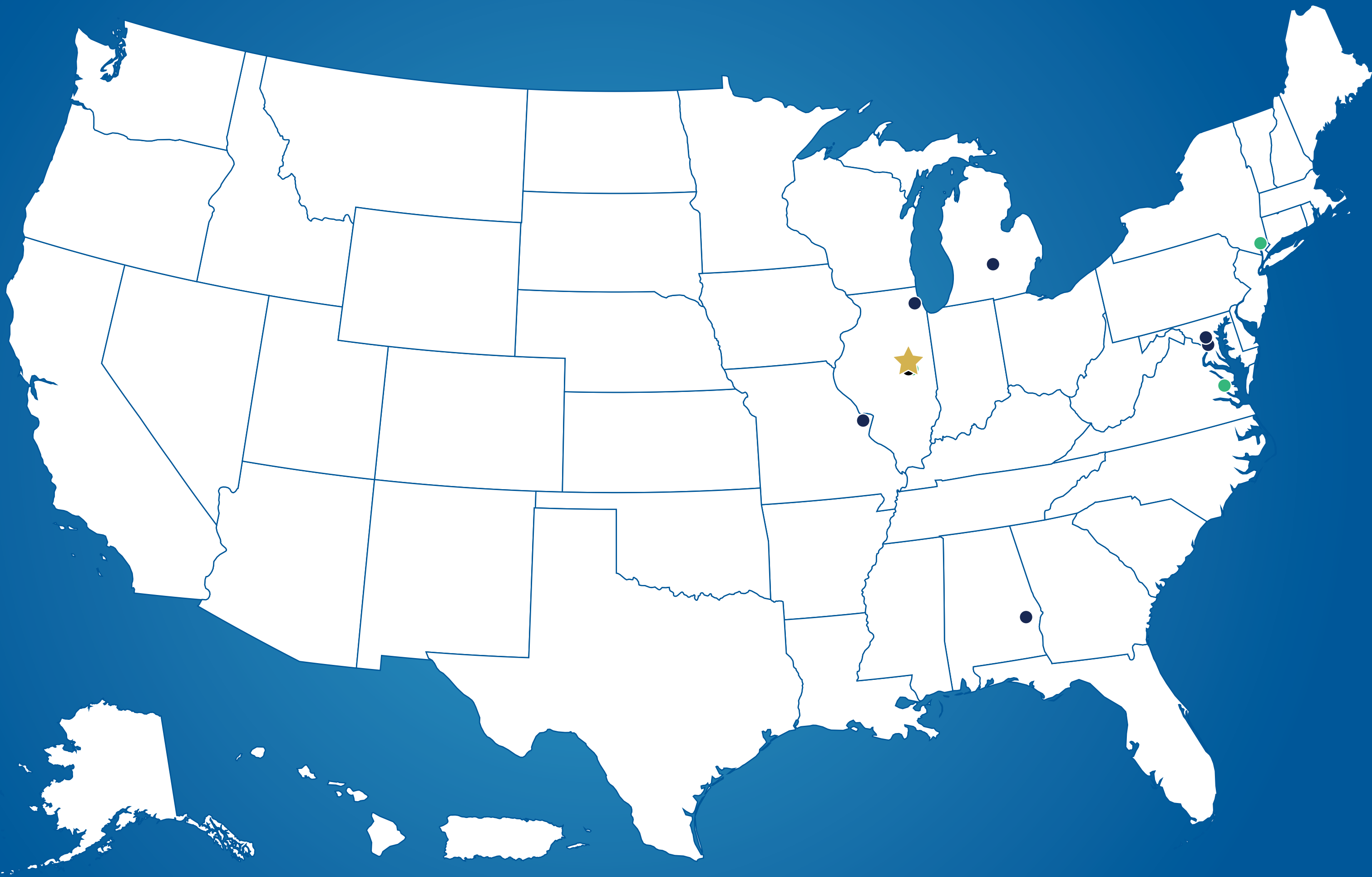
- COLLABORATORS**
- GEMS Informatics Center
 - Land O' Lakes
 - Midwest Big Data Innovaton Hub
 - Icycle NSF-AI Institute
 - Information Technology Colorado State University
 - MnRI (UMN)
 - MSI/RC (UMN)
 - NVIDIA
 - Pepsico
 - Precision Ag Center (UMN)
 - American Society of Agronomy
 - National FFA Organization
 - AIHEC
 - Sentera
 - TNC, The Nature Conservancy
 - USDA/Forest Service Northern Research Station
 - WEAVE
 - CSU computing
 - Cornell Climate-Smart Farming Team
 - Cornell Institute for Digital Agriculture
 - CropLife Media/ Meister Media Worldwide
 - DSU Ag-IT



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Main Map

AI Institute for Future Agricultural Resilience, Management, and Sustainability (USDA-NIFA AIFARMS)

LEAD ORGANIZATION
University of Illinois Urbana-Champaign

- SUBAWARDS**
- Donald Danforth Plant Science Center
 - Michigan State University
 - Tuskegee University
 - University of Chicago
 - U.S. Department of Energy's Argonne National Laboratory
 - U.S. Department of Agriculture's Agricultural Research Service

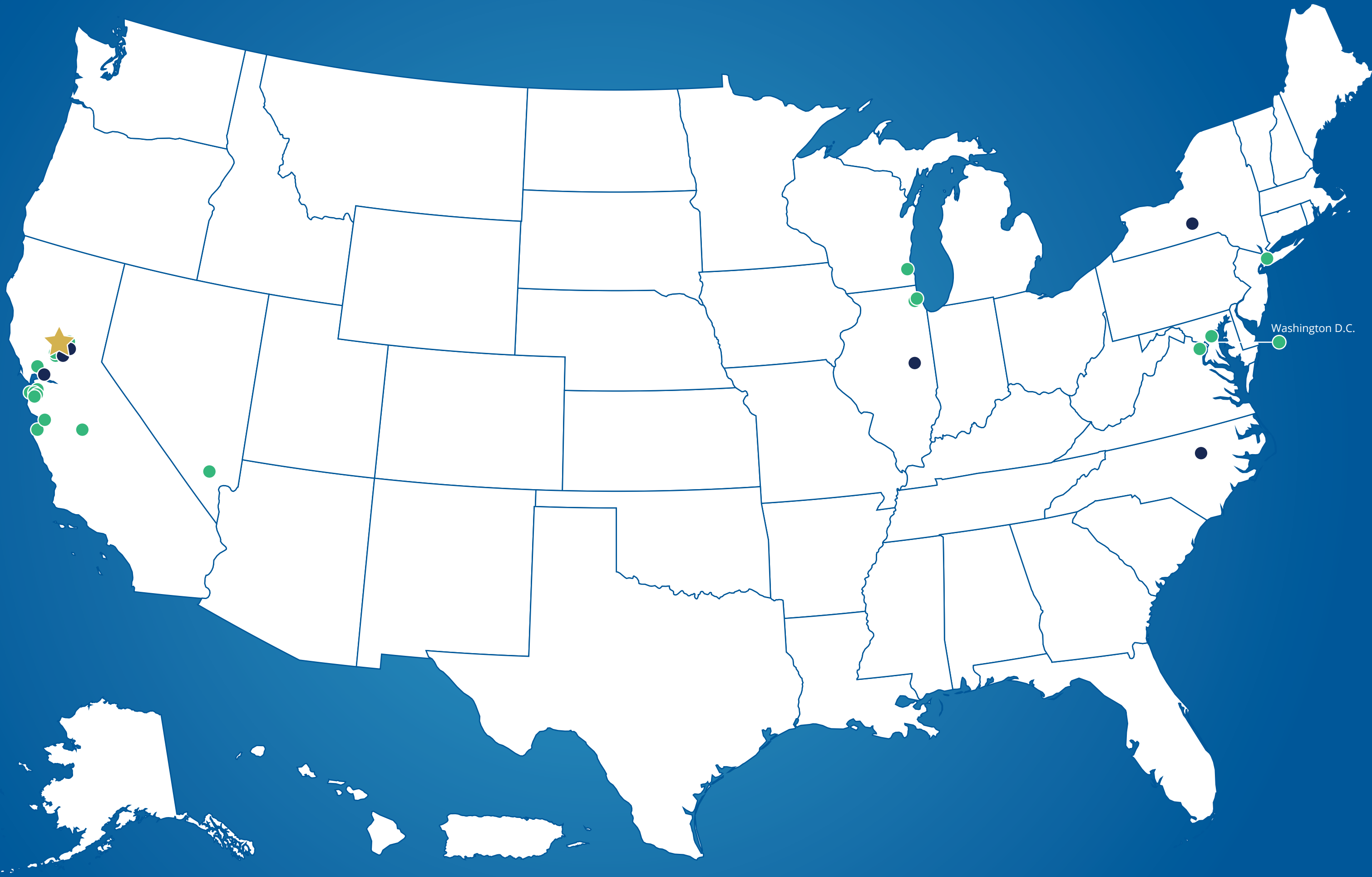
- COLLABORATORS**
- EarthSense
 - IBM Research
 - Microsoft



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Main Map

AI Institute for Next Generation Food Systems (USDA-NIFA AIFS)

LEAD ORGANIZATION
University of California, Davis

- SUBAWARDS
- Cornell University
 - Duke University
 - University of California Division of Agriculture and Natural Resources
 - University of California Berkeley
 - University of Illinois Urbana-Champaign
 - USDA Agricultural Research Service Western Human Nutrition Center

- COLLABORATORS
- ADM
 - AgMonitor
 - Agricultural Research Service, USDA
 - AgStack / Linux Foundation
 - BASF
 - Better Food Ventures
 - Dairy Management Inc.
 - Edamam
 - Farm_ng
 - FIRA-US
 - Fraunhofer ISE
 - Indoor Ag-Con
 - MARS, Incorporated
 - MISTA
 - Novozymes
 - PhenoRob
 - Pheronym
 - Process Integration and Predictive Analytics
 - The Better Meat Co.
 - The Culinary Institute of America at Copia
 - The March Fund
 - The Rockefeller Foundation
 - The Vine
 - U.S. National Science Foundation
 - Verdant Robotics
 - Wageningen University and Research



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Main Map

AI Institute for Resilient Agriculture (USDA-NIFA AIIRA)

LEAD ORGANIZATION Iowa State University

SUBAWARDS

- Carnegie Mellon University
- George Mason University
- Iowa Soybean Association
- New York University
- University of Arizona
- University of Missouri
- University of Nebraska-Lincoln

COLLABORATORS

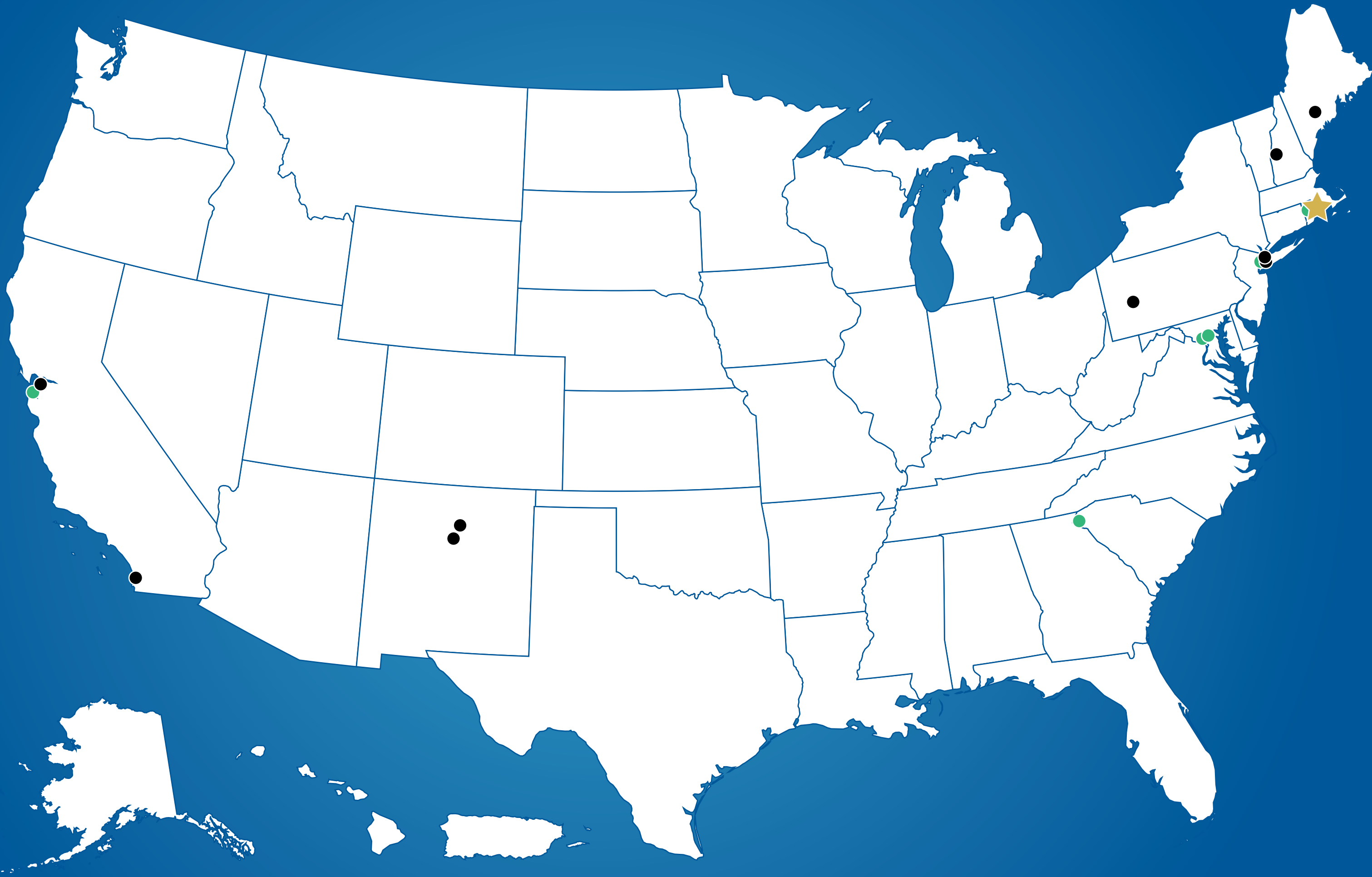
- Agriculture Genome to Phenome Initiative
- AI Institute: Artificial Intelligence for Future Agricultural Resilience, Management, and Sustainability (AIFARMS)
- AI Institute for Next Generation Food Systems
- Bayer
- Big Data in a Box
- BioConnect Iowa
- Bloomfield Robotics
- Cornell AgriTech
- Corteva Agriscience
- CSIRO, Australia
- CyVerse
- Dryland Genetics
- EarthSense, Inc.
- EnGenious Ag
- ETALYC Inc.
- Federal Statistical Research Data Center (FSRDC) at Iowa State University
- Genomes to Fields Initiative
- Grow Pittsburgh
- International Plant Phenotyping Network
- Iowa Corn Growers Association
- Iowa Economic Development Authority
- Iowa Fruit & Vegetable Growers Association
- Iowa Soybean Association
- John Deere
- Microsoft
- MidWest Big Data Hub
- Mineral Google - X, The Moonshot Factory
- North American Plant Phenotyping Network (NAPPN)
- Oak Ridge National Laboratory
- Omni Analytics Group
- Practical Farmers of Iowa
- Raven Applied Technology
- RocketML, Inc.
- The Data and Software Carpentries
- The University of Tokyo
- University of Arizona TRIPODS
- University of Nebraska-Lincoln Institute of Agriculture and Natural Resources Center for Resilience in Agricultural Working Landscapes
- USDA, Agricultural Research Service
- Vermeer Corporation



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★ LEAD ORGANIZATION ● SUBAWARDS ● COLLABORATORS



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Main Map

NSF AI Research Institute on Interaction for AI Assistants (NSF ARIA)

LEAD ORGANIZATION
Brown University

- SUBAWARDS
- Carnegie Mellon University
 - Colby College
 - Dartmouth College
 - Data & Society
 - New York University
 - Santa Fe Institute
 - The University of New Mexico
 - UC Berkeley
 - UC San Diego

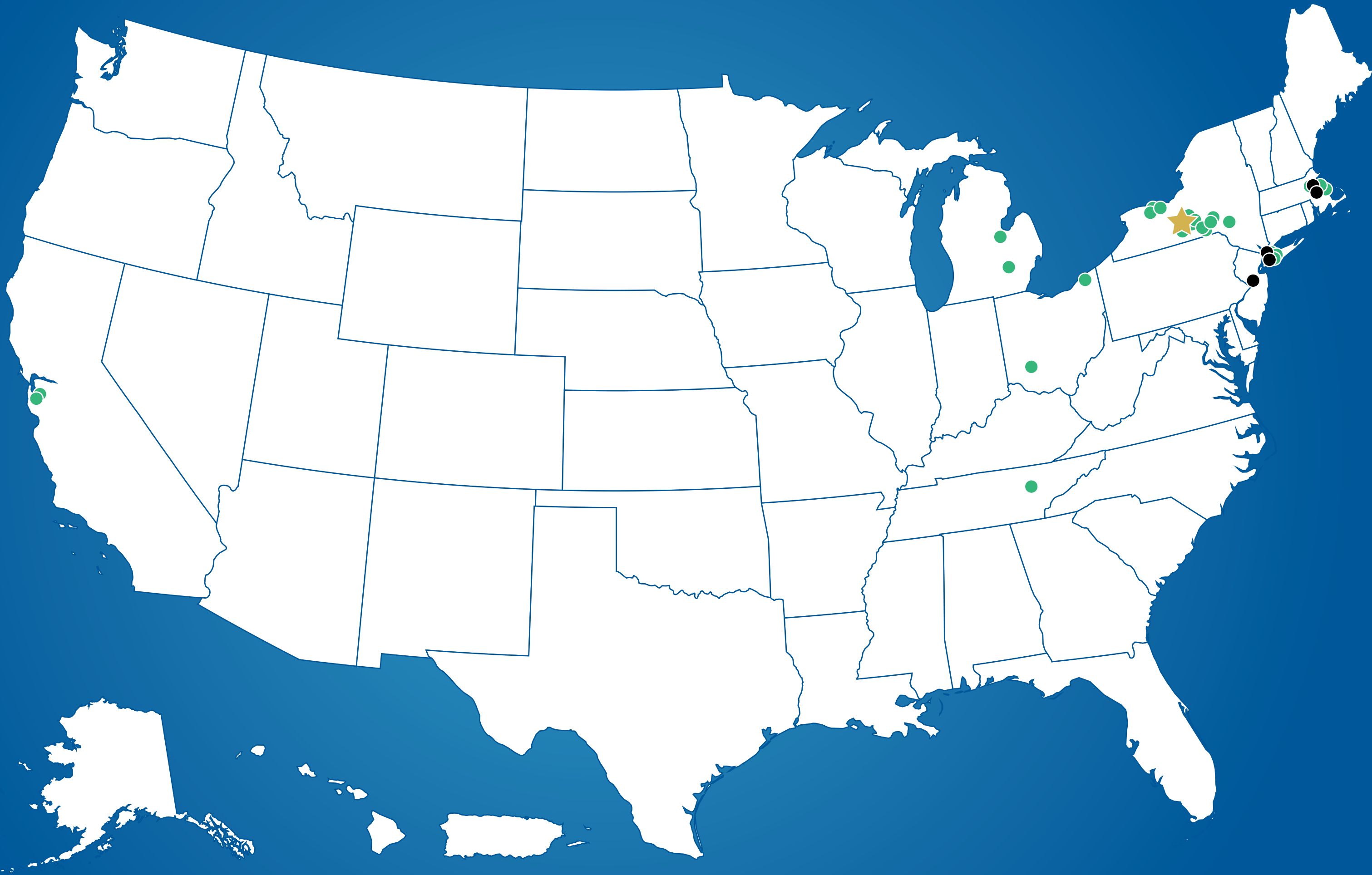
- COLLABORATORS
- Addiction Policy Forum
 - Clemson University
 - Community College of Rhode Island
 - Google
 - National Institutes of Health
 - SureStart



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Main Map

NSF AI-Materials Institute (NSF AI-MI)

LEAD ORGANIZATION
Cornell University

SUBAWARDS

- Advanced Science Research Center at the Graduate Center
- Boston University
- CUNY City College
- MIT
- Princeton University

COLLABORATORS

- arXiv
- Binghamton High School
- Chenango Forks High School
- Citrine Informatics
- Cornell High Energy Synchrotron Source (CHESS)
- Cornell Tech K-12 Initiative
- Cornell University
- Dow
- Google Research
- Harlem Educational Activities Fund, Inc.
- Jefferson Central School
- k-Space Associates, Inc.
- Meta FAIR
- Newfield Central School District
- NSF AI Institute for Artificial Intelligence and Fundamental Interactions (NSF IAIFI)
- NSF Platform for the Accelerated Realization, Analysis, and Discovery of Interface Materials (NSF PARADIM)
- Oak Ridge National Laboratory
- Pittsford Mendon High School
- Procter & Gamble
- Ruhr University Bochum
- Seton Catholic Central
- U.S. Air Force Research Laboratory
- Unadilla Valley Central School
- Veeco Instruments Inc.
- Webster Schroeder High School
- Webster Thomas High School



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Main Map

2020 AWARDS

NSF AI Institute for Research on Trustworthy AI in Weather, Climate, and Coastal Oceanography (NSF AI2ES)
University of Oklahoma

NSF AI Institute for Foundations of Machine Learning (NSF IFML)
University of Texas at Austin

AI Institute for Student-AI Teaming (iSAT)
University of Colorado Boulder

NSF AI Institute for Molecular Discovery, Synthetic Strategy, and Manufacturing (NSF Molecule Maker Lab or MMLI)
University of Illinois Urbana-Champaign

NSF AI Institute for Artificial Intelligence and Fundamental Interactions (NSF IAFI)
Massachusetts Institute of Technology

AI Institute for Next Generation Food Systems (AIFS)
University of California, Davis

AI Institute for Future Agricultural Resilience, Management, and Sustainability (AIFARMS)
University of Illinois Urbana-Champaign



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Main Map

2021 AWARDS

AI Institute for Collaborative Assistance and Responsive Interaction for Networked Groups (AI-CARING)

Georgia Tech

NSF AI Institute for Advances in Optimization (NSF AI4OPT)

Georgia Tech

AI Institute for Learning-Enabled Optimization at Scale (TILOS)

University of California San Diego

NSF AI Institute for Intelligent Cyberinfrastructure with Computational Learning in the Environment (NSF ICICLE)

The Ohio State University

NSF AI Institute for Future Edge Networks and Distributed Intelligence (NSF AI-EDGE)

The Ohio State University

NSF AI Institute for Edge Computing Leveraging Next-generation Networks (NSF Athena)

Duke University

AI Institute for Dynamic Systems

University of Washington

NSF AI Institute for Engaged Learning (NSF ENGAGE AI Institute)

North Carolina State University

NSF AI Institute for Adult Learning and Online Education (NSF ALOE)

Georgia Institute of Technology

Institute for Agricultural AI for Transforming Workforce and Decision Support (AgAID)

Washington State University

AI Institute for Resilient Agriculture (AIIRA)

Iowa State University



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2023 AWARDS

NSF AI Institute for Agent-based Cyber Threat Intelligence and Operation (NSF ACTION)

University of California, Santa Barbara

NSF AI Institute for Artificial and Natural Intelligence (NSF ARNI)

Columbia University

AI Institute for Societal Decision Making (AI-SDM)

Carnegie Mellon University

AI Institute for Trustworthy AI in Law and Society (TRAILS)

University of Maryland, College Park

AI Institute for Inclusive Intelligent Technologies for Education (INVITE)

University of Illinois Urbana-Champaign

NSF AI Institute for Exceptional Education (AI4ExceptionalEd)

University at Buffalo

AI Institute for Climate-Land Interactions, Mitigation, Adaptation, Tradeoffs and Economy (AI-CLIMATE)

University of Minnesota, Twin Cities



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Main Map

2024 AWARDS

NSF-Simons AI Institute for Cosmic Origins (NSF CosmicAI)

University of Texas at Austin, Austin, TX

NSF-Simons AI Institute for the Sky (NSF SkAI)

Northwestern University, Evanston, IL



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★ LEAD ORGANIZATION ○ SUBAWARDS



The map reflects the approximate location of the lead organizations and subawards.

Main Map

2025 AWARDS

NSF AI Research Institute on Interaction for AI Assistants (NSF ARIA)

Brown University

NSF AI-Materials Institute (NSF AI-MI)

Cornell University

NSF AI Institute for Molecular Discovery, Synthetic Strategy, and Manufacturing (NSF Molecule Maker Lab or MMLI)

University of Illinois Urbana-Champaign

NSF AI Institute for Foundations of Machine Learning (NSF IFML)

University of Texas at Austin

AI Institute for Student-AI Teaming (iSAT)

University of Colorado Boulder