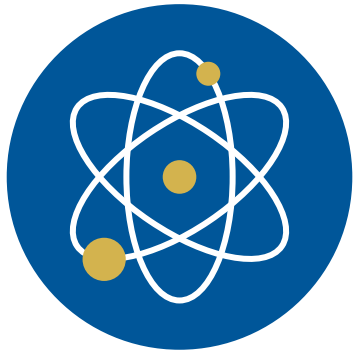
DIRECTOR'S REMARKS

National Science Board
February 23, 2021

Aligned Visions



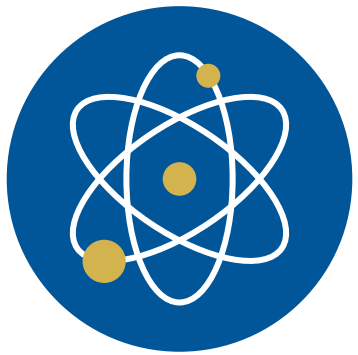
NSB Vision 2030

NSF Vision

Administration Pillars

NSB Vision 2030	NSF Vision	Administration Pillars
Research benefits	Advancing research	Pandemic response
STEM talent	Accessibility and inclusivity	Economic recovery
Geography of innovation	Global leadership	Racial equity
Global S&E community	Translation, Innovation, Partnerships (TIP)	Climate change

Aligned Visions



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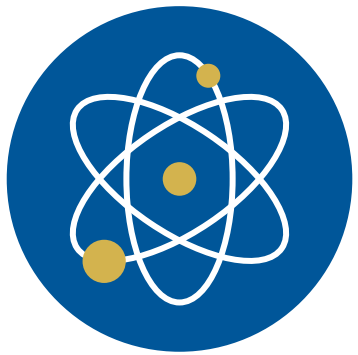

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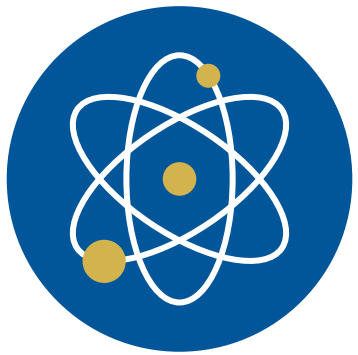

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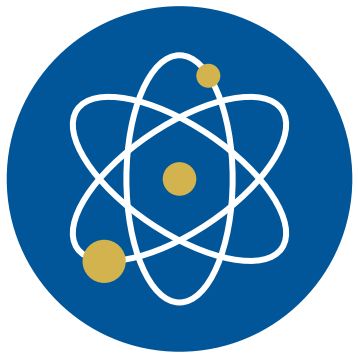

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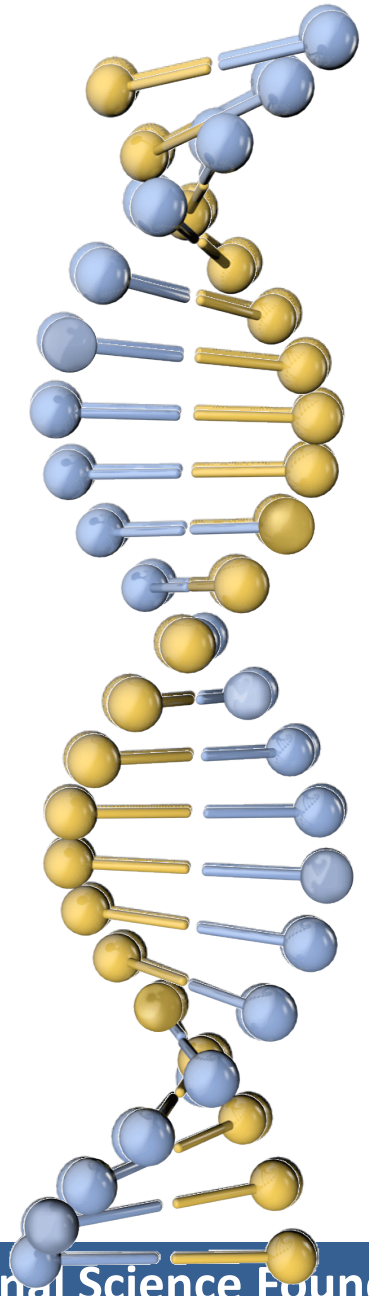
EXPLORATION



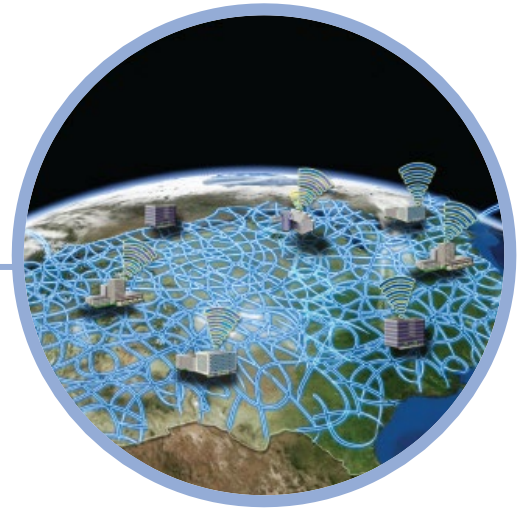
TRANSLATION

National Science Foundation

2000

1990

1980



1995

INTERNET COMMERCIALIZATION

1986

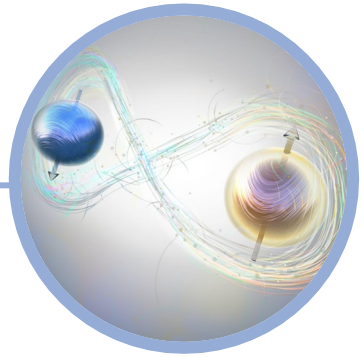
AND BEYOND

NSFNET ENABLES EXPLORATORY RESEARCH AT UNIVERSITIES

1985

NSF NET

TODAY



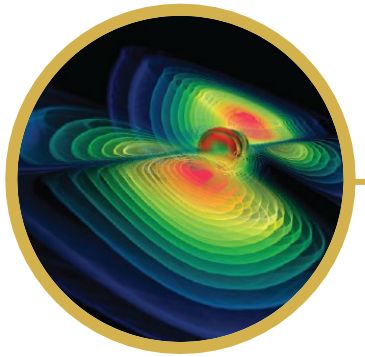
ENHANCED QUANTUM SENSING CAPABILITIES

2020

LIGO ENABLES FURTHER EXPLORATION

2015

GRAVITATIONAL WAVES DETECTED

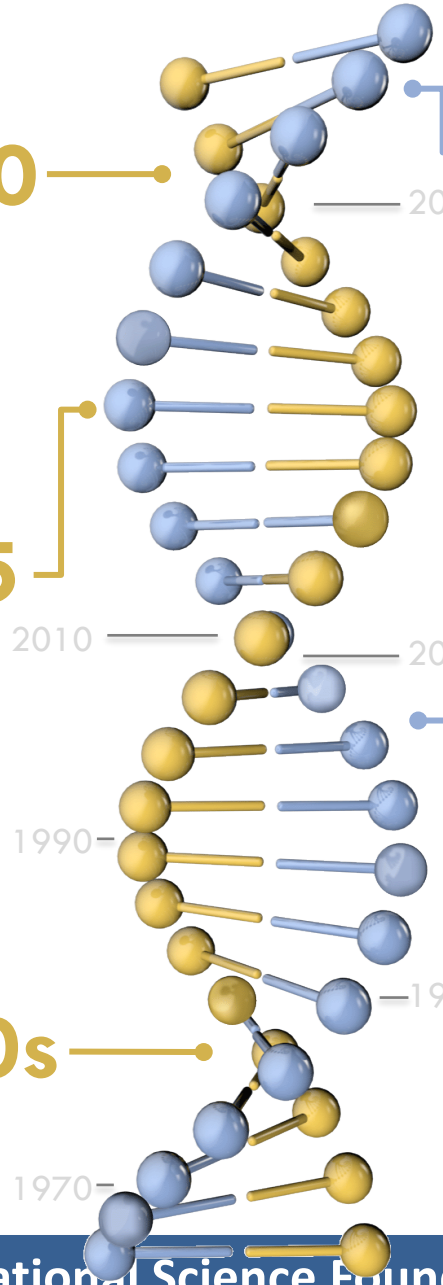


1999

LIGO DETECTORS COMPLETED

1970s

RESEARCH TO PROVE THE THEORY OF GRAVITATIONAL WAVES BEGINS

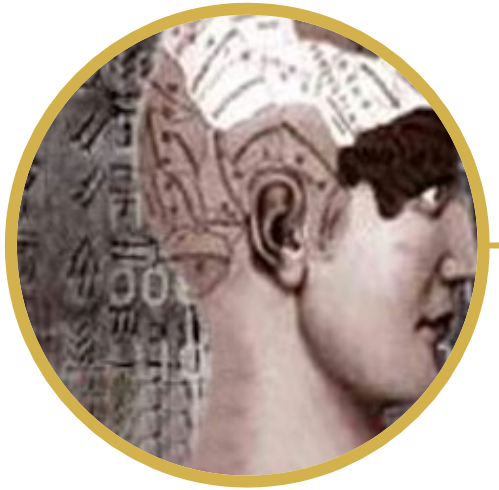


2000

1998

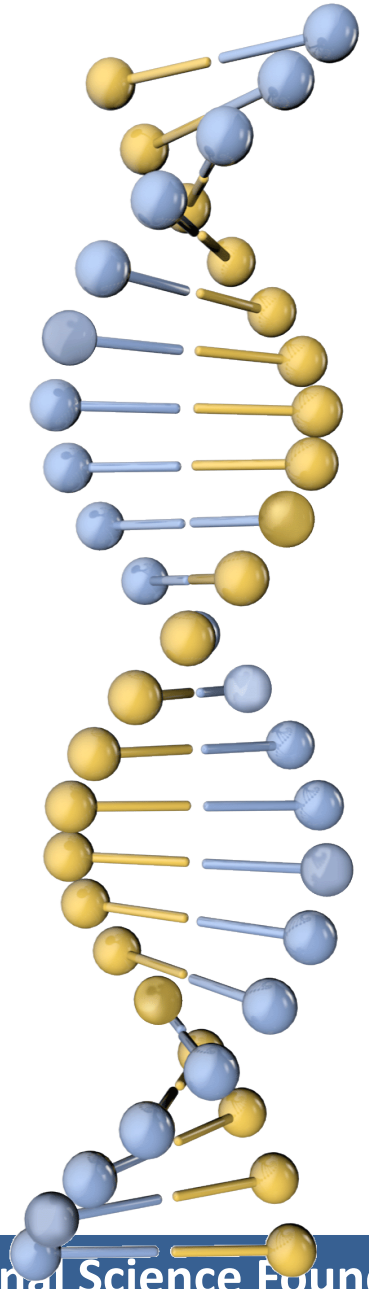
Google

ENABLED FOUNDING OF GOOGLE



1994

DIGITAL LIBRARIES INITIATIVE



1990

Science Highlights

Model analyzes how viruses escape the immune system

Researchers identify viral protein sequences that could inform therapeutic design

Ensuring the Success of STEM Graduate Education during the COVID-19 Crisis and in the Future

FEBRUARY 2021

STRATEGIES FOR BUILDING CONFIDENCE IN THE COVID-19 VACCINES

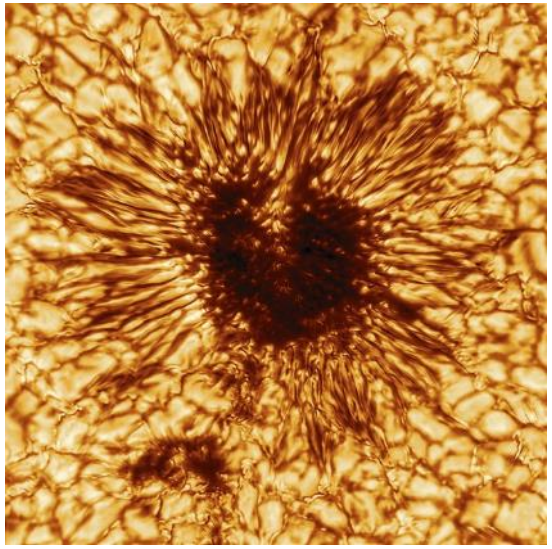
Science Highlights

THE MICHIGAN ENGINEER NEWS CENTER

RESEARCH CAMPUS & COMMUNITY

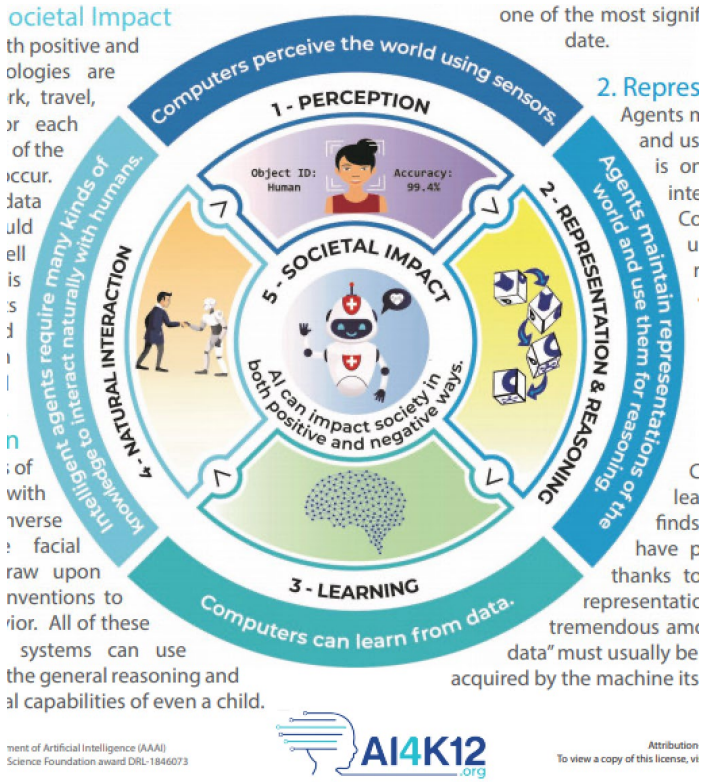
DYNAMO achieves first observation of the "charge separation effect"

Room temperature Superconductor

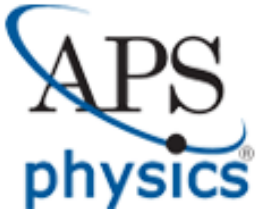


A sunspot in super high-res

5 Big Ideas in AI



Meeting with Stakeholders and Partners



Support from Congress

- Senate Committee on Commerce, Science, and Transportation
- Senate Appropriations Subcommittee on Commerce, Justice, Science, and Related Agencies
- House Committee on Science, Space, and Technology
- House Appropriations Subcommittee on Commerce, Justice, Science, and Related Agencies

Outreach Example

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