



NATIONAL SCIENCE FOUNDATION

STRENGTHENING @ SPEED & SCALE

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Chief of Staff

National Science Foundation

2022 European Research Day

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Mission



Vision

**Advancing the
frontiers of research
into the future**

**Ensuring
accessibility and
inclusivity**

**Securing global
leadership**



3 Major Priorities of NSF



STRENGTHENING ESTABLISHED NSF



INSPIRING MISSING MILLIONS

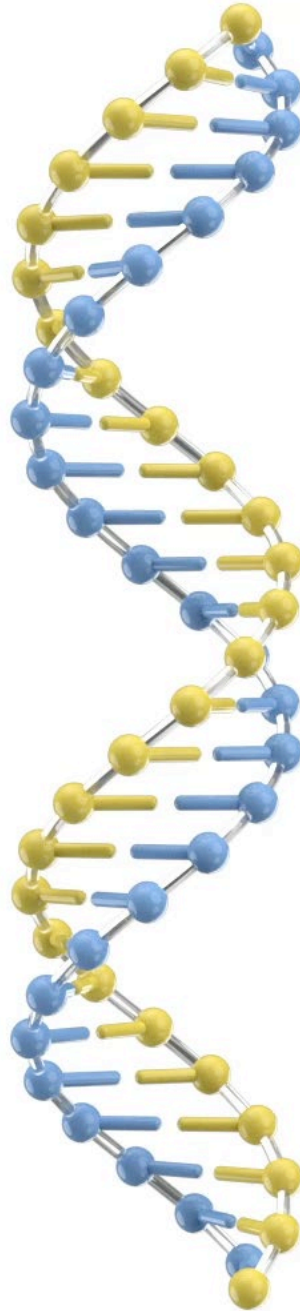


ACCELERATING TECHNOLOGY
AND INNOVATION





**CURIOSITY-DRIVEN,
DISCOVERY-BASED
EXPLORATIONS**



**USE-INSPIRED,
SOLUTIONS-FOCUSED
INNOVATIONS**

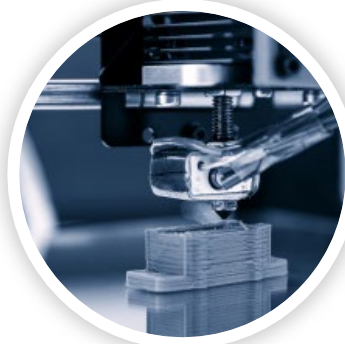
Investment to Impact: COVID-19

1960s: POLYMERASE
CHAIN REACTION (PCR)



VIRUS DETECTION IN
WASTEWATER

1980s: EARLY ADDITIVE
MANUFACTURING AWARDS



3D PRINTING PPE

2000s: CRISPR-CAS9
GENE EDITING



RAPID COVID-19
TESTING

2000s: LSAMP



STRENGTHENING THE
VACCINE DEVELOPMENT
WORKFORCE

2020: SEAN



RESEARCH-BASED
PANDEMIC RESPONSE
POLICY

NSF
INVESTMENTS

CURRENT
IMPACTS



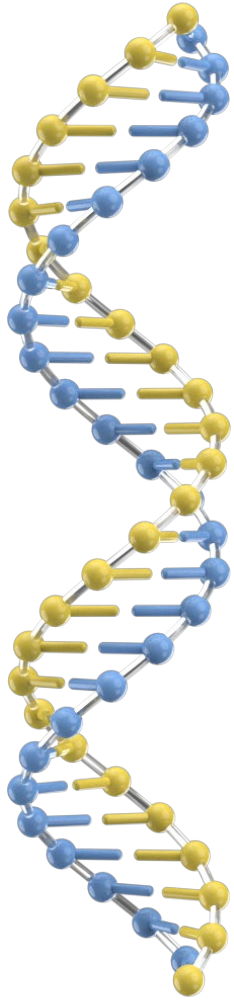
TIP Technology, Innovation and Partnerships



Launching NSF's Regional Innovation Engine



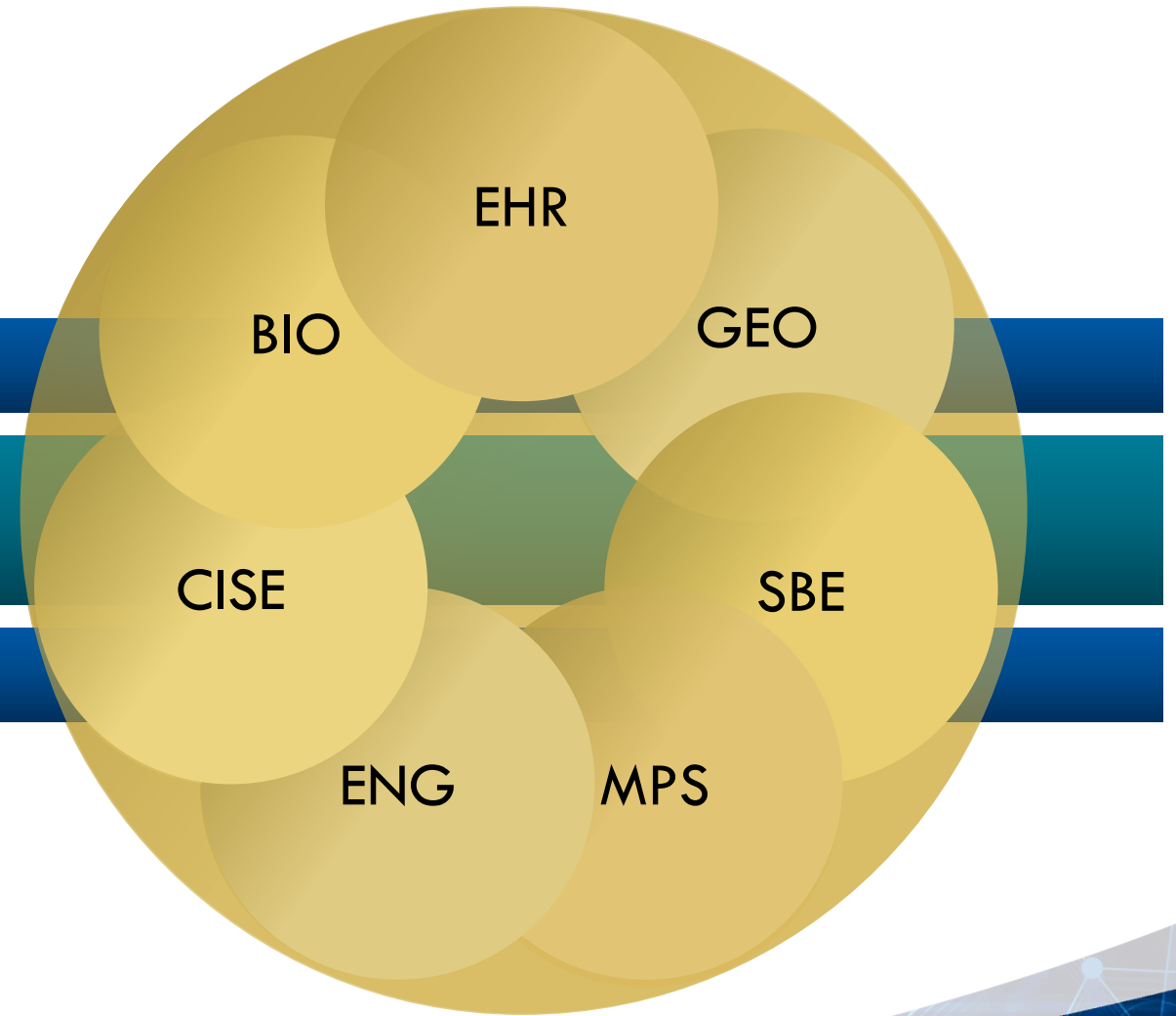
Designing for the Future



OIA

TIP

OISE



International Partnerships

- Global Centers (High Priority)
- Rapid International Type 1 Awards
 - COVID Data Infrastructure Builders:
Creating Resilient and Sustainable Research
Collaborations
- GLASSNET
- International Ocean Discovery Program (IODP)



Credit: IODP

