



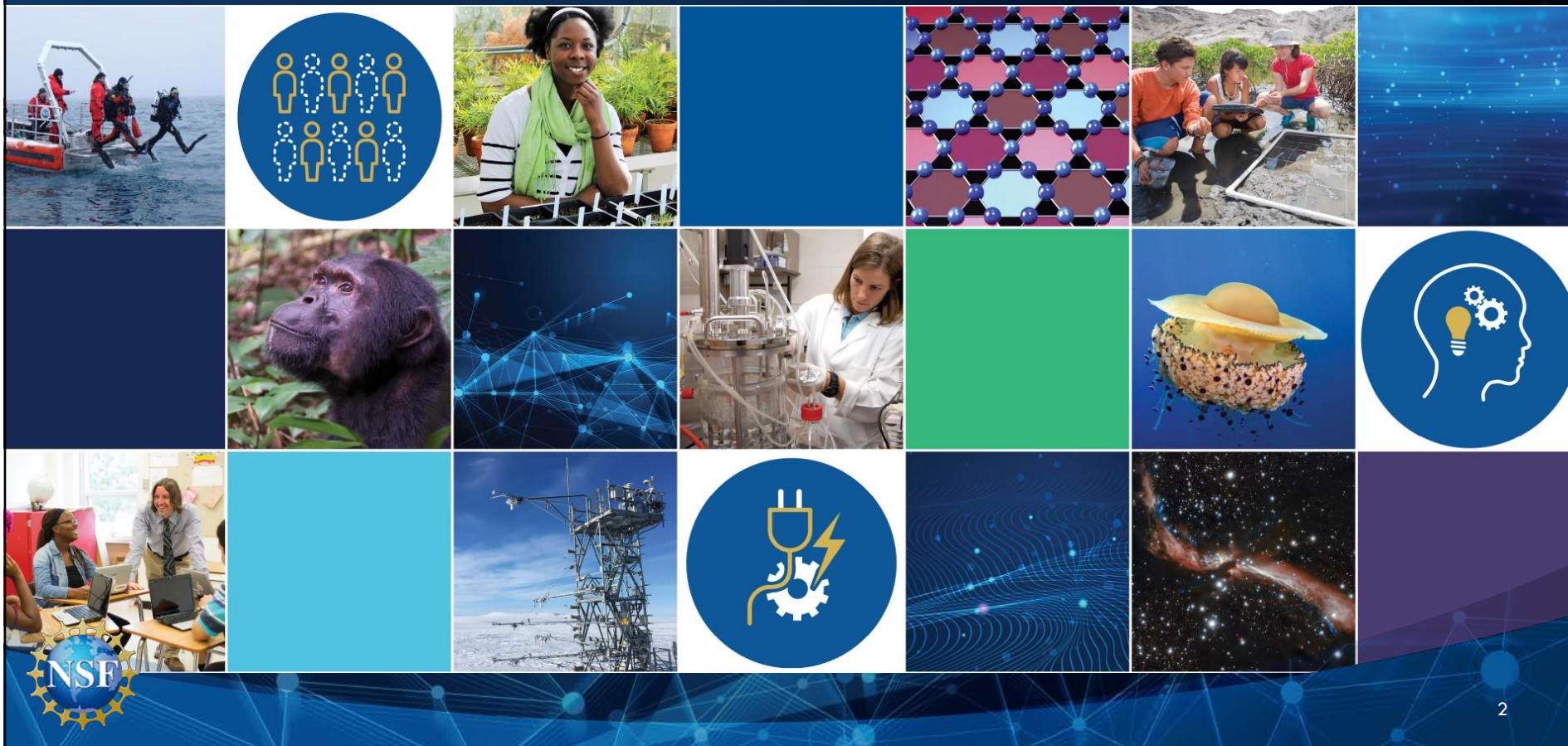
# DIRECTOR'S REMARKS

*Sethuraman Panchanathan*  
*National Science Foundation*

*National Science Board Meeting*

*May 5, 2022*

# Strengthening @ Speed and Scale in 2022







# 3 Major Priorities of NSF



STRENGTHENING ESTABLISHED NSF



INSPIRING MISSING MILLIONS



ACCELERATING TECHNOLOGY  
AND INNOVATION

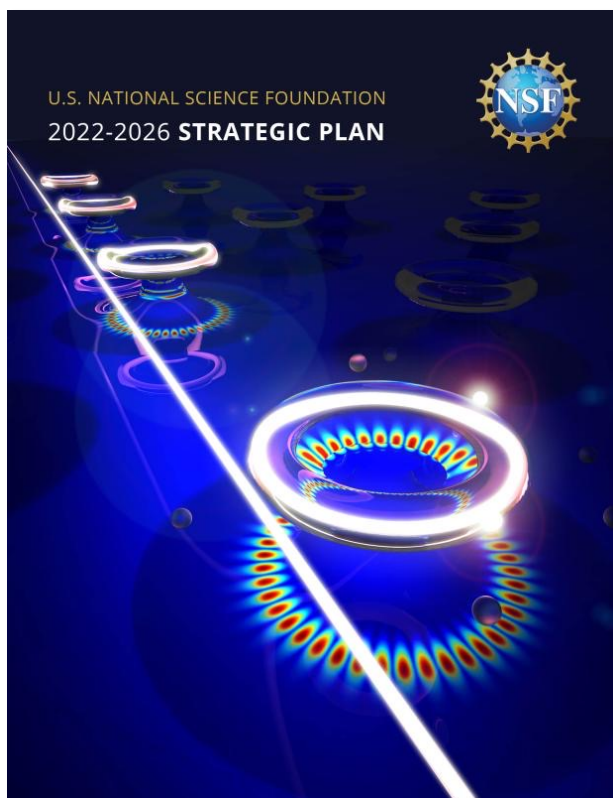




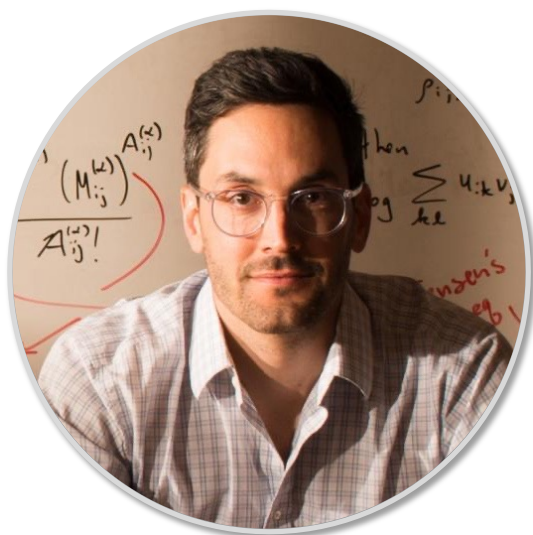
STRENGTHENING ESTABLISHED NSF



## STRENGTHENING ESTABLISHED NSF



# Alan T. Waterman Awards 2022



**Daniel B. Larremore**



**Jessica E. Tierney**



**Lara A. Thompson**





# Investment to Impact: Advanced Materials

**NSF INVESTMENTS**

1950s  
GLASS FIBEROPTIC  
CABLES



1980s-1990s  
FUNDAMENTAL POLYMER  
RESEARCH



1970s  
ENERGY STORAGE  
MATERIALS



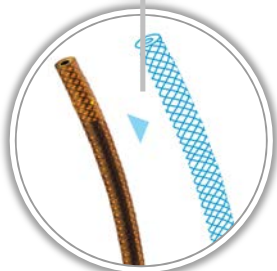
2014  
CRYSTALLOGRAPHY  
EDUCATION



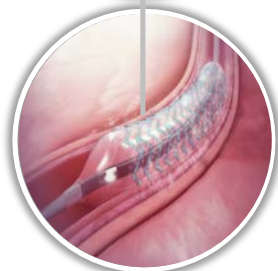
2008  
MAGNETIC STORAGE  
TECHNOLOGY



**CURRENT IMPACTS**



FIBEROPTIC SURGICAL  
LIGHT SCALPEL



DRUG-ELUTING  
ANGIOPLASTY STENTS



LITHIUM-ION  
BATTERIES



US CRYSTAL GROWING  
COMPETITION



NEW PIGMENT  
DISCOVERED



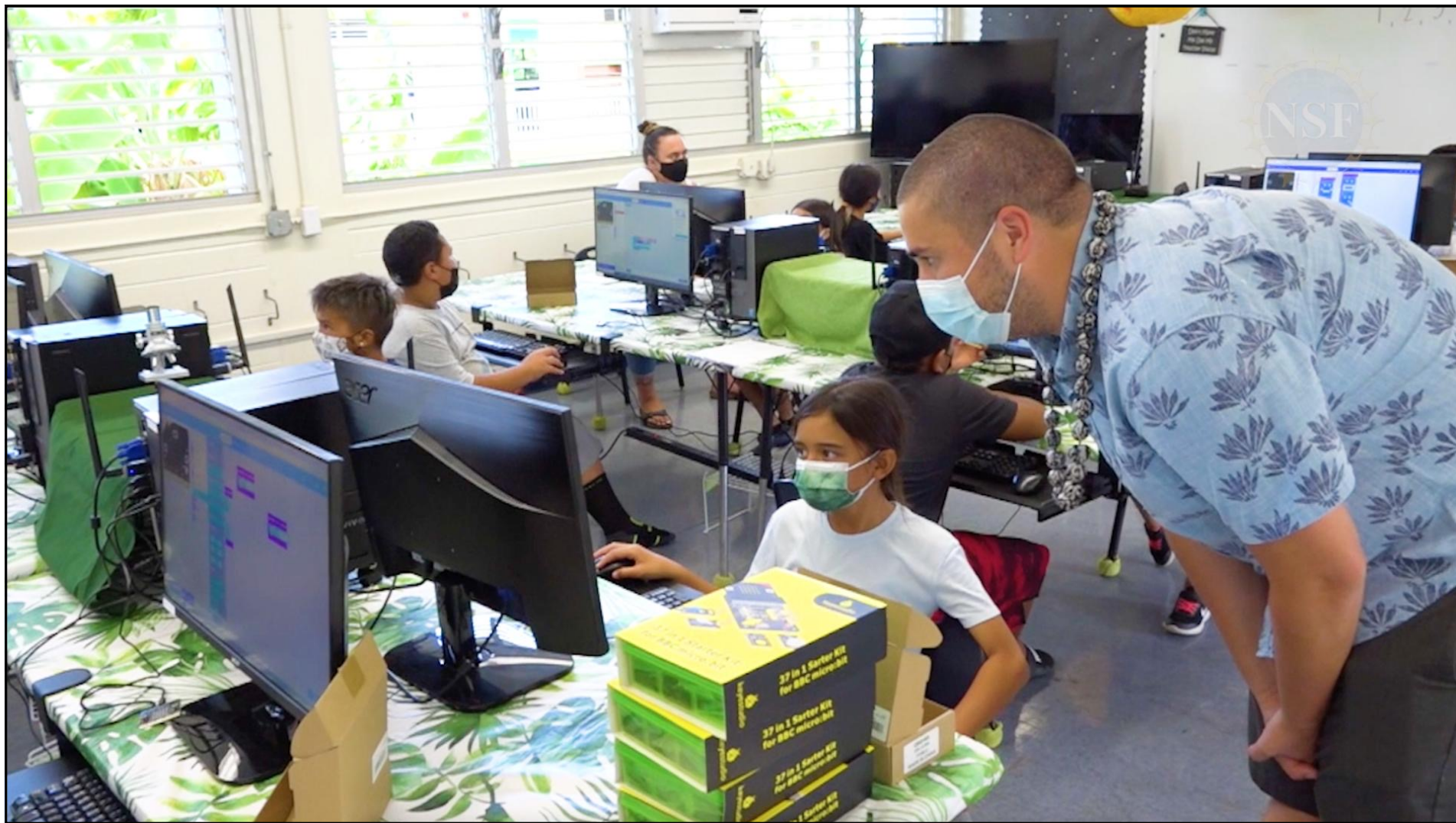


# Enabling Collaboration to Expand Opportunity



*Partnerships for Research and Education in Materials*







ACCELERATING TECHNOLOGY AND INNOVATION



# NSF AT SXSW 2022





**TIP**

**Technology,  
Innovation and  
Partnerships**



# Launching NSF's Regional Innovation Engine



# Congressional Member Visits



*Penn State Scranton  
with Chairman Cartwright*



*University of Rochester  
with Majority Leader Schumer  
and Representative Morelle*



*University of Illinois  
Urbana-Champaign  
with Senator Durbin*





# Engagement Highlights



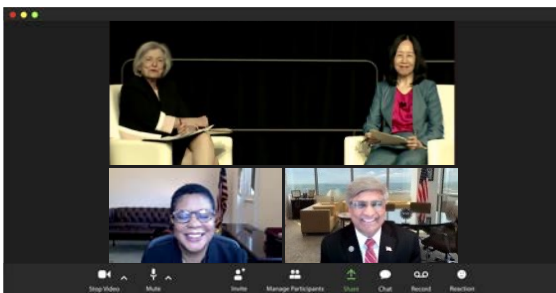
*University of Texas System Roundtable*



*Swedish Delegation*



*National Day of Glass*



*AERA Fireside Chat*



*Hudson Forum*



*Senate Appropriations Hearing*

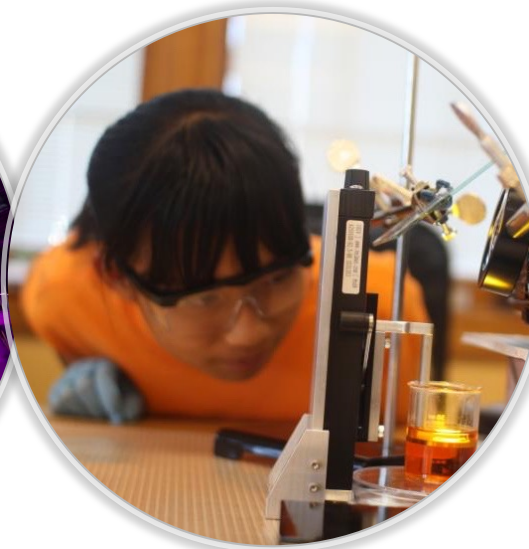


# Expanding the Frontiers of Discovery and Innovation



OFFICE OF INTEGRATIVE ACTIVITIES (OIA)

**Alicia Knoedler**



EDUCATION AND HUMAN RESOURCES (EHR)

**Sylvia Butterfield**



TECHNOLOGY, INNOVATION  
AND PARTNERSHIPS (TIP)

**Erwin Gianchandani**



# CELEBRATING DEDICATION AND SERVICE



Arthur Bienenstock



W. Carl Lineberger



Emilio F. Moran



Julia M. Phillips



W. Kent Fuchs



Victor R. McCrary



Ellen Ochoa



Anneila I. Sargent





