

# Roundtable on Aligning Incentives for Open Scholarship



July 6, 2022



BILL & MELINDA  
GATES foundation



NLST



GORDON AND BETTY  
MOORE  
FOUNDATION



Greg Tananbaum  
Director, Open Research Funders Group  
Roundtable Secretariat



# Roundtable On Aligning Incentives for Open Science

**Charter:** The Roundtable brings together senior leaders from universities, funding agencies, professional societies, foundations, and industry to discuss incentives for adopting open science practices, current barriers, and ways to work with communities and disciplines to develop hiring, review, tenure and promotion, and funding practices that are more reflective of open research principles.

## Universities

- Arizona State University
- Atlanta University Center
- Benedict College
- Duke University
- Harvard University
- Howard University
- Iowa State University
- Johns Hopkins University
- Massachusetts Institute of Technology
- Princeton University
- Stanford University
- Trinity University
- University of Arizona
- University of California, San Francisco
- University of California at Los Angeles
- University of Houston
- University of Southern California

## Funders

- Alfred P. Sloan Foundation
- American Heart Association
- Andrew W. Mellon Foundation
- Arcadia
- Arnold Ventures
- Bill & Melinda Gates Foundation
- Coalition for Epidemic Preparedness Innovations
- Gordon and Betty Moore Foundation
- Health Research Alliance
- Howard Hughes Medical Institute
- James S. McDonnell Foundation
- John Templeton Foundation
- Leona M. and Harry B. Helmsley Charitable Trust
- Lumina Foundation
- Robert Wood Johnson Foundation
- Schmidt Futures
- Templeton World Charity Foundation
- Wellcome Trust

## Agencies & Others

- Association of American Medical Colleges
- Association of American Universities
- Association of Public and Land-grant Universities
- European Commission
- International Science Council
- Natural Environment Research Council
- National Institute of Standards and Technology
- National Institutes of Health
- Open Research Funders Group
- National Science Foundation
- Office of Science and Technology Policy
- Scholarly Publishing and Academic Resources Coalition
- U.S. Department of Education
- United Kingdom Research and Innovation

H1 2020: Resource Development

H2 2020: Resource Testing

H1 2021: Toolkit Socialization

H2 2021 and Beyond: Scaling, Coalition-Building, Coordination

NASEM



Hewlett

ASM

# Theory of Change: Mutually Reinforcing Vectors

American  
Anthropological  
Association

Allen  
Institute

AAAS

AGU

ESA

Arizona  
State  
University

Moore

Yale

FASEB

HHMI

Association  
for  
Psychological  
Science

Linguistics  
Society of  
America

Johns  
Hopkins

Duke

University  
Administration

Department  
Chairs

Philanthropies

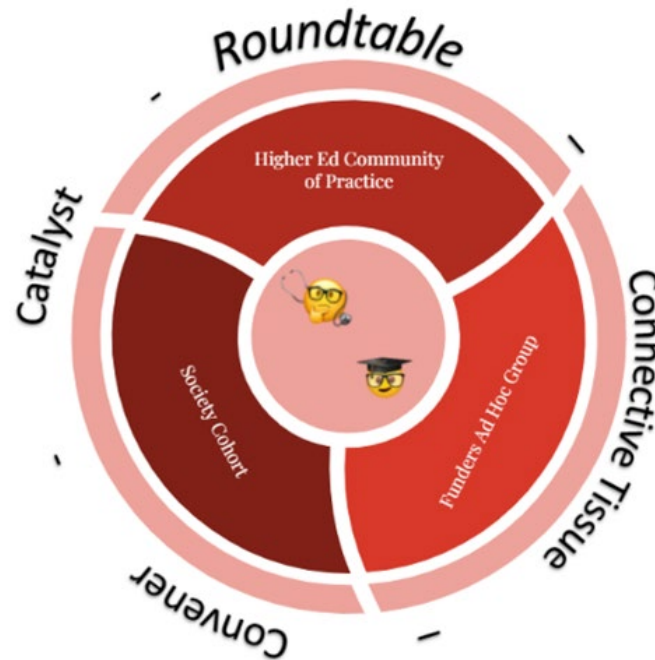
Values  
Practices  
Incentives

Professional  
Societies

Government  
Agencies

Hiring  
Committees

# Roundtable as Connective Tissue





The Higher Education Leadership Initiative for Open Scholars (HELIOS) is a community of practice launched as an outcome of discussions convened by the National Academies of Sciences, Engineering, and Medicine's [Roundtable on Aligning Incentives for Open Science](#).

At a high level, engagement from colleges and universities has three core components:

- Presidential Commitment
- Campus Engagement
- Community of Practice



Researcher Good Practices



Cross-Sector Alignment



Shared Infrastructure



Hiring, Review, Tenure &  
Promotion Reform

<https://heliosopen.org>

Arizona State University \* Barnard College \* Belmont University \*  
Benedict College \* Berea College \* Boston University \* Brandeis  
University \* Brown University \* California Institute of Technology  
\* Carnegie Mellon University \* Colorado College \* Columbia  
University \* Dartmouth College \* Drexel University \* Duke  
University \* Florida International University \* Florida State  
University \* Harvard University \* Haverford College \* Johns  
Hopkins University \* Massachusetts Institute of Technology \*  
Middle Tennessee State University \* Middlebury College \*  
Mississippi State University \* Montclair State University \* North  
Carolina State University \* Northeastern University \* Northern  
Illinois University \* Northwestern University \* Oakland University  
\* Penn State University \* Princeton University \* Purdue University  
\* Rochester Institute of Technology \* Rowan University \* Rush  
University \* Skidmore College \* Stanford University \* Temple  
University \* University of Akron \* University of California Irvine \*  
University of California Los Angeles \* University of California  
Office of the President \* University of California San Francisco \*  
University of Chicago \* University of Delaware \* University of  
Georgia \* University of Hawai'i \* University of Houston \*  
University of Illinois \* University of Iowa \* University of Louisville  
\* University of Maryland Baltimore County \* University of  
Maryland College Park \* University of Maryland Eastern Shore \*  
University of Massachusetts \* University of Michigan \* University  
of Minnesota \* University of Nevada, Las Vegas \* University of  
North Carolina Chapel Hill \* University of North Carolina  
Greensboro \* University of North Carolina Wilmington \* University  
of North Dakota \* University of North Texas \* University of Notre  
Dame \* University of Oregon \* University of Pennsylvania \*  
University of Pittsburgh \* University of Richmond \* University of  
South Florida \* University of Vermont \* University of Virginia \*  
Vanderbilt University \* Washington University in St. Louis \*  
Wayne State University \* West Virginia University \* Whitman  
College \* York University

# Current Members

- 44 Public and Land Grant Institutions
- 33 Private, Not-for-Profit
- 12 Minority Serving Institutions
- 7 Ivies

79 heterogeneous institutions  
2.5 million FTE

<https://heliosopen.org/members>



# HELIOS Leadership



**Michael Crow**

HELIOS G6hair  
President  
Arizona State University



**Roslyn Artis**

HELIOS G6hair  
President  
Benedict College



**Ron Daniels**

HELIOS G6hair  
President  
Johns Hopkins University



**Geeta Swamy**

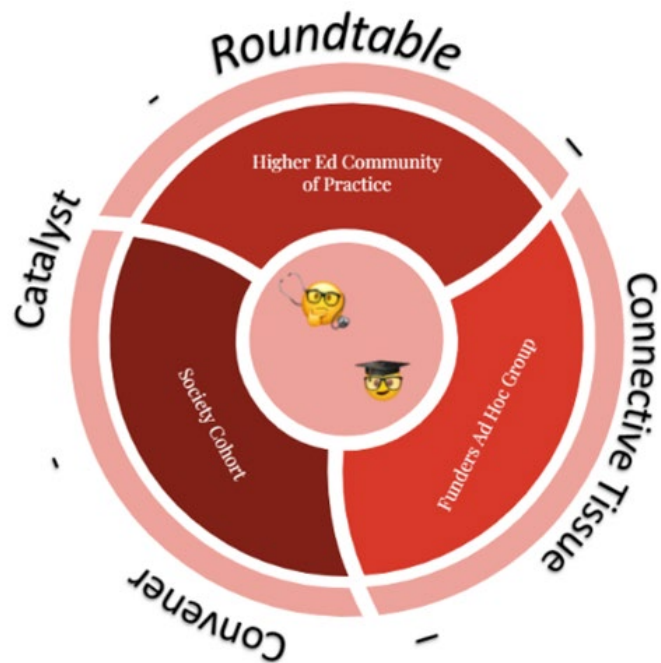
HELIOS Strategic Lead

Duke University Associate Vice President for Research  
& Vice Dean for Scientific Integrity

Arizona State University \* Barnard College \* Belmont University \* Benedict College \* Berea College \* Boston University \* Brandeis University \* Brown University \* California Institute of Technology \* Carnegie Mellon University \* Colorado College \* Columbia University \* Dartmouth College \* Drexel University \* Duke University \* Florida International University \* Florida State University \* Harvard University \* Haverford College \* Johns Hopkins University \* Massachusetts Institute of Technology \* Middle Tennessee State University \* Middlebury College \* Mississippi State University \* Montclair State University \* North Carolina State University \* Northeastern University \* Northern Illinois University \* Northwestern University \* Oakland University \* Penn State University \* Princeton University \* Purdue University \* Rochester Institute of Technology \* Rowan University \* Rush University \* Skidmore College \* Stanford University \* Temple University \* University of Akron \* University of California Irvine \* University of California Los Angeles \* University of California Office of the President \* University of California San Francisco \* University of Chicago \* University of Delaware \* University of Georgia \* University of Hawai'i \* University of Houston \* University of Illinois \* University of Iowa \* University of Louisville \* University of Maryland Baltimore County \* University of Maryland College Park \* University of Maryland Eastern Shore \* University of Massachusetts \* University of Michigan \* University of Minnesota \* University of Nevada, Las Vegas \* University of North Carolina Chapel Hill \* University of North Carolina Greensboro \* University of North Carolina Wilmington \* University of North Dakota \* University of North Texas \* University of Notre Dame \* University of Oregon \* University of Pennsylvania \* University of Pittsburgh \* University of Richmond \* University of South Florida \* University of Vermont \* University of Virginia \* Vanderbilt University \* Washington University in St. Louis \* Wayne State University \* West Virginia University \* Whitman College \* Xavier University of Louisiana \* Yale University

Advanced Education Research & Development Fund \* Albert and Mary Lasker Foundation \* Alex's Lemonade Stand \* Alfred P. Sloan Foundation \* Aligning Science Across Parkinson's \* Allen Institute \* American Epilepsy Society \* American Federation for Aging Research \* American Heart Association \* Arnold and Mabel Beckman Foundation \* Arnold Ventures \* Bill & Melinda Gates Foundation \* Burroughs Wellcome Fund \* Chan Zuckerberg Initiative \* CureSearch for Children's Cancer \* Dana Foundation \* David and Lucile Packard Foundation \* Esmeé Fairbairn Foundation

Leona M. and Harry B. Helmsley Charitable Trust \* Lipedema Foundation \* LUNgevity Foundation \* Lyda Hill Philanthropies \* Marguerite Casey Foundation \* Michael J. Fox Foundation \* National Psoriasis Foundation \* Ovarian Cancer Research Alliance \* Pew Charitable Trusts \* Rainwater Charitable Foundation \* Rita Allen Foundation \* Robert Wood Johnson Foundation \* Science Philanthropy Alliance \* Sierra Health Foundation \* Simons Foundation \* St. Baldrick's Foundation \* Templeton World Charity Foundation \* The ALS Association \* The Sontag Foundation \* Tinker Foundation Inc. \* Tuberous Sclerosis Alliance \* V Foundation for Cancer Research \* VolkswagenStiftung \* William and Flora Hewlett Foundation \* William Randolph Hearst Foundation \* Academic Data Science Alliance \* American Anthropological Association \* American Association for the Advancement of Science \* American Institute of Physics \* American Geophysical Union \* American Mathematical Society \* American Society for Microbiology \* Association for Psychological Science \* Ecological Society of America \* Federation of American Societies for Experimental Biology \* Federation of Associations in Behavioral & Brain Sciences \* Linguistics Society of America



Fidelity Foundation \* Focused Ultrasound Foundation \* GO2 Foundation for Lung Cancer \* Gordon and Betty Moore Foundation \* Health Research Alliance \* Hillman Family Foundations \* Howard Hughes Medical Institute \* John D. and Catherine T. MacArthur Foundation \* John S. and James L. Knight Foundation \* John Templeton Foundation \* Kate B. Reynolds Charitable Trust \* Klarman Family Foundation





# Thanks!

Any questions?

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