Aligning Linguistic Research Incentives and Open Scholarship

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Overview of NASEM's Roundtable on Aligning Incentives for Open Science
NASEM Roundtable: Goals

Research Values
- Transparency
- Replicability & Reproducibility
- Open Dialog
- Knowledge Sharing
- Follow-On Research

Practices
- Open Access
- Data Sharing
- Preregistration

Incentives
- Hiring
- Tenure & Promotion
- Funding

Open Science Alignment
# NASEM Roundtable: Participants

## Universities
- Arizona State University
- Atlanta University Center
- Benedict College
- Harvard University
- Howard University
- Johns Hopkins University
- Massachusetts Institute of Technology
- Princeton University
- Stanford University
- Trinity University
- University of Arizona
- University of California
- 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
- Wellcome Trust

## Agencies & Others
- Association of American Medical Colleges
- Association of American Universities
- Association of Public and Land-grant Universities
- European Commission
- National Institute of Standards and Technology
- National Institutes of Health
- Open Research Funders Group
- National Science Foundation
- Scholarly Publishing and Academic Resources Coalition
- U.S. Department of Education
- United Kingdom Research and Innovation
Roundtable Deliverables

Actionable guidance and resources designed to assist university leadership, academic department chairs, research funders, and government agencies.
Provost & Chairs Working Group
P&C Group’s Origin Story

Open Access Task Force
P&C Relationship to Other Working Groups

- **Reimagining Outputs**: What research types should a policy encompass?
- **Provost & Chair**: How do we engage admin and depts to understand what is appropriate for them?
- **Nudge Form**: What language best signals support for open sharing, and where to insert it?
Collaborating with the LSA
“How do we make sure that the open science policies we implement here will align with what our peers are doing in their own departments?”

- Really Smart Department Chair from Big-Time University
“It would totally suck if we made our people do open stuff that made it harder for them to get work elsewhere.”

- Really Smart (If Perhaps Slightly More Blunt) Department Chair from Different Big-Time University
Department: Arts & Sciences, College of
Department: Department of Psychology, Developmental Area
Rank: Assistant Professor
Annual Basis: 9 Month

Application Deadline
Review of applications will begin October 15, 2019; position open until filled

Required Application Materials
Candidates are asked to apply online at https://academicjobsonline.org/ajo/jobs/14601 by submitting a cover letter, curriculum vitae, three letters of recommendation, three representative publications, and three statements: (1) research accomplishments and future plans, (2) teaching experience and approach, and (3) personal contributions and/or plans to foster an environment of equity and inclusion for faculty, staff, and students from diverse backgrounds.

Our department embraces the values of open and reproducible science, and candidates are strongly encouraged to address in their statements how they have pursued and/or plan to pursue these goals in their work.
Sample Signalling Language: Faculty Annual Reporting

● For each of the categories below, please provide representative examples demonstrating how (where appropriate) you have made outputs resulting from your research openly accessible. If possible, please provide the DOI and license terms under which the materials are available.

  ○ Open access articles
  ○ Open access books, book chapters, and/or monographs
  ○ Copies of your papers, chapters, monographs, or other published materials in institutional or disciplinary repositories
  ○ Etc.

● If known, describe how others have made use of these open research outputs, and include relevant DOIs if possible. This can include use in other disciplines and outside of academia.

● Please describe the impact that your openly available research outputs from this evaluation period have had from the research, public policy, pedagogic, and/or societal perspectives.
So What Do We Want?

Coordinated action to develop open science plans that are appropriate for your department, your institution, and your discipline.

1. Build a “Linguistics Coalition of the Willing”
1. Collaborate to Develop Linguistics-Appropriate Language and Insertion Points
1. Collaborate to Develop Linguistics-Appropriate Propagation Plans
1. Commitments to Engage with Department Colleagues and Academic Leadership to Get Buy-In
1. Commitments to Share Lessons Learned from these Engagements
...and What Are We Prepared to Do?

Lead the effort to understand what open science language, practices, and policies can be realistically implemented at scale in linguistics.

1. Provide Toolkit of Resources to Adapt and Adopt

1. Leverage NASEM Imprimatur to Ensure Academic Leadership are Engaged

1. Coordinate Linguistics Cohort Discussions

1. Analyze Collective Wisdom and Share with Broader Linguistics Community
Let’s Talk!

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