

# Open Season

Redesigning library services for  
the new open access landscape

National Library of Korea

Rochelle Lundy

Stanford University Libraries



November 13, 2023



# Agenda

## I. Open Access in 2023

### I. Stanford and Open Access

## II. New Approaches to Open Access Services

- Research Intelligence
- Funder Mandates
- Open Science
- Persistent Identifiers
- Open Access Policies

# Open Access in 2023

- Established, mainstream scholarly publishing model
- Increasingly expected by funders
- Majority of new scholarly articles available open access



# Stanford and Open Access

**68%**

of 2018–2023 Stanford  
publications openly  
available

**41%** Gold + Hybrid

**37%** Green

**22%** Bronze

# Stanford and Open Access

- Faculty-adopted open access policy
- Open access institutional repository
- Guidance on copyright and publisher sharing policies



- No central funds to pay open access publishing costs
- No transformative agreements with major publishers

**Researchers  
view open  
access as...**

**Beneficial**

**Equitable**

**Mandatory**

**But researchers  
also find open  
access...**

**Expensive**

**Inconvenient**

**Confusing**

# Navigating the New Open Access

How can libraries and institutions better  
support researchers?

(beyond paying publishing charges)





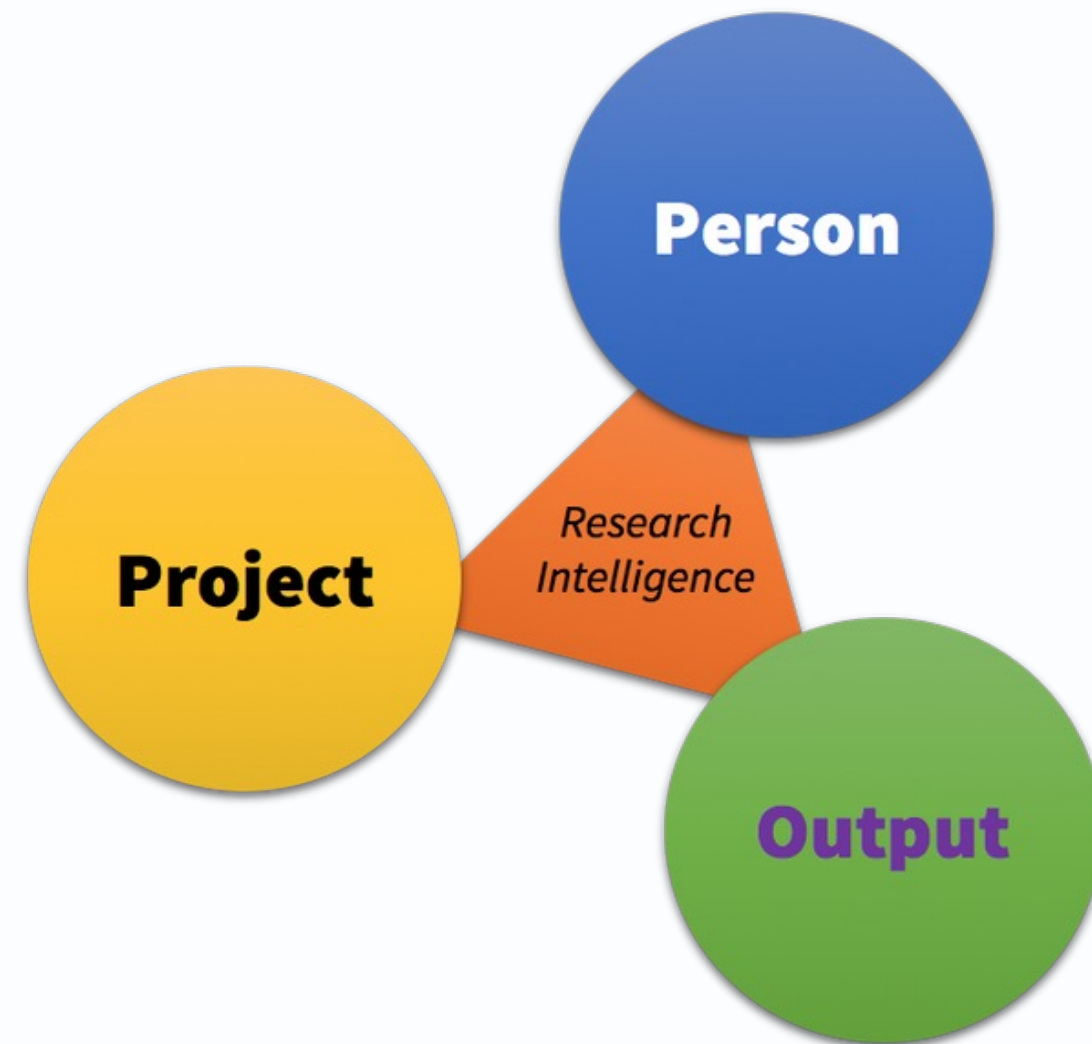
# UNDERSTAND

Mapping institutional research outputs

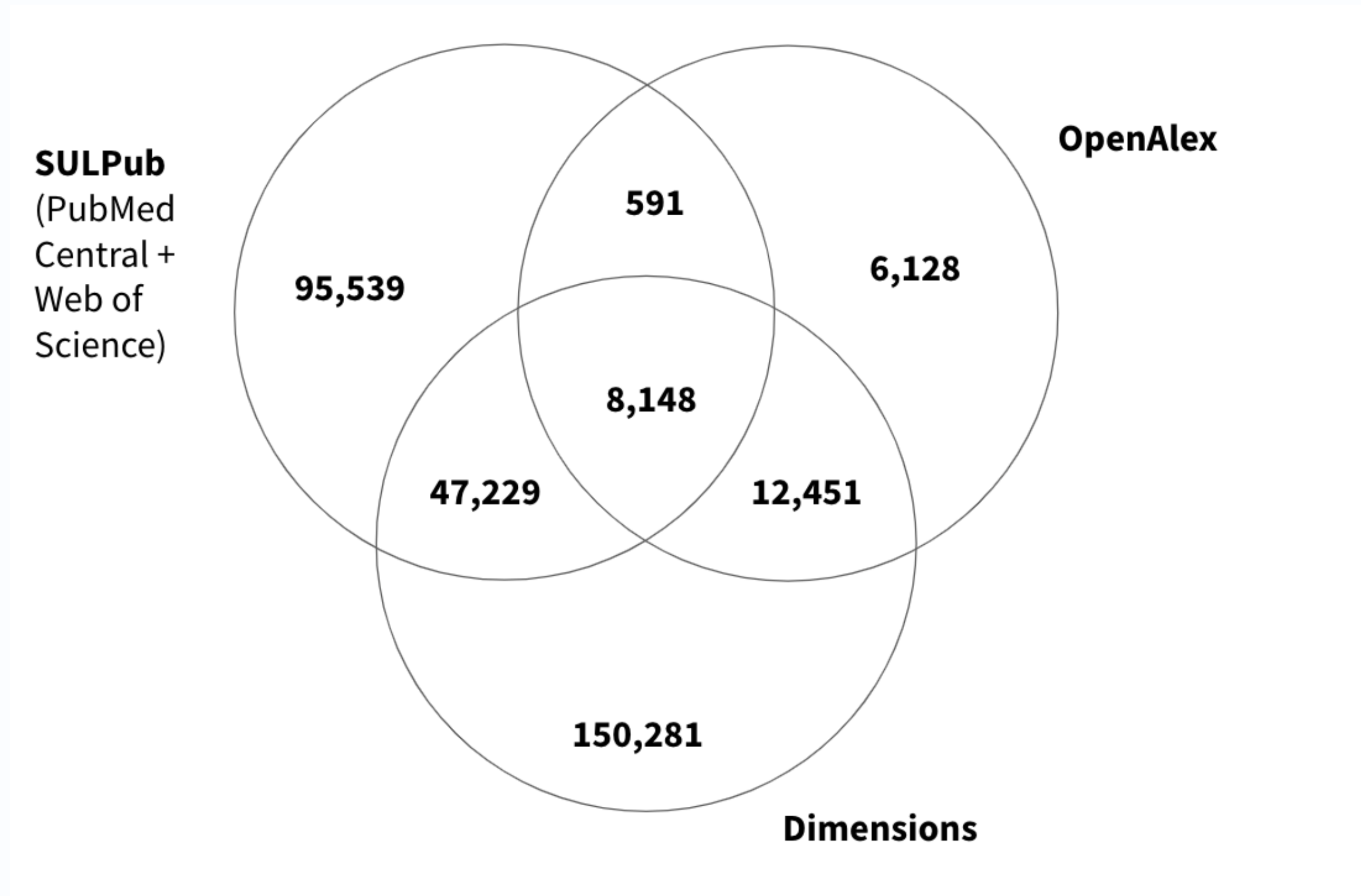


# Research Intelligence

Knowing local publishing patterns can improve service design, guide decision-making, demonstrate impact, and facilitate compliance



# Research Intelligence





# EXPLAIN

Translating funder access requirements





# Funder Mandates

Funder access policies are intricate and inconsistent


## Ford Foundation expands Creative Commons licensing for all grant-funded projects



EXECUTIVE OFFICE OF THE PRESIDENT  
OFFICE OF SCIENCE AND TECHNOLOGY POLICY  
WASHINGTON, D.C. 20502

August 25, 2022

MEMORANDUM FOR THE HEADS OF EXECUTIVE DEPARTMENTS AND AGENCIES

FROM: Dr. Alondra Nelson   
Deputy Assistant to the President and Deputy Director for Science and Society  
Performing the Duties of Director  
Office of Science and Technology Policy (OSTP)

SUBJECT: Ensuring Free, Immediate, and Equitable Access to Federally Funded Research

### Open Access to Publications

---

#### Purpose and Scope

This policy establishes HHMI's expectations relating to open access of publications resulting from research in HHMI laboratories. This policy applies to all lab heads employed by HHMI, which includes HHMI Investigators, Freeman Hrabowski Scholars, Janelia Research Campus group leaders, senior group leaders, senior fellows, and theory fellows.

# OSTP '22 Nelson Memo Directives

## **Publications** must be made available:

- freely and publicly
- without embargo or delay
- in machine-readable formats

## **Metadata** must be made available:

- for both articles and data
- at time of deposit in a public access repository.

## **Data** must be made available:

- without embargo or delay if supporting a publication
- per agency guidelines if not associated with a publication
- in a way that *maximizes appropriate sharing*
- in a repository that meets [specific criteria](#)

## **Identifiers** must be used:

unique persistent identifiers must be used for individuals, awards, organizations and outputs.







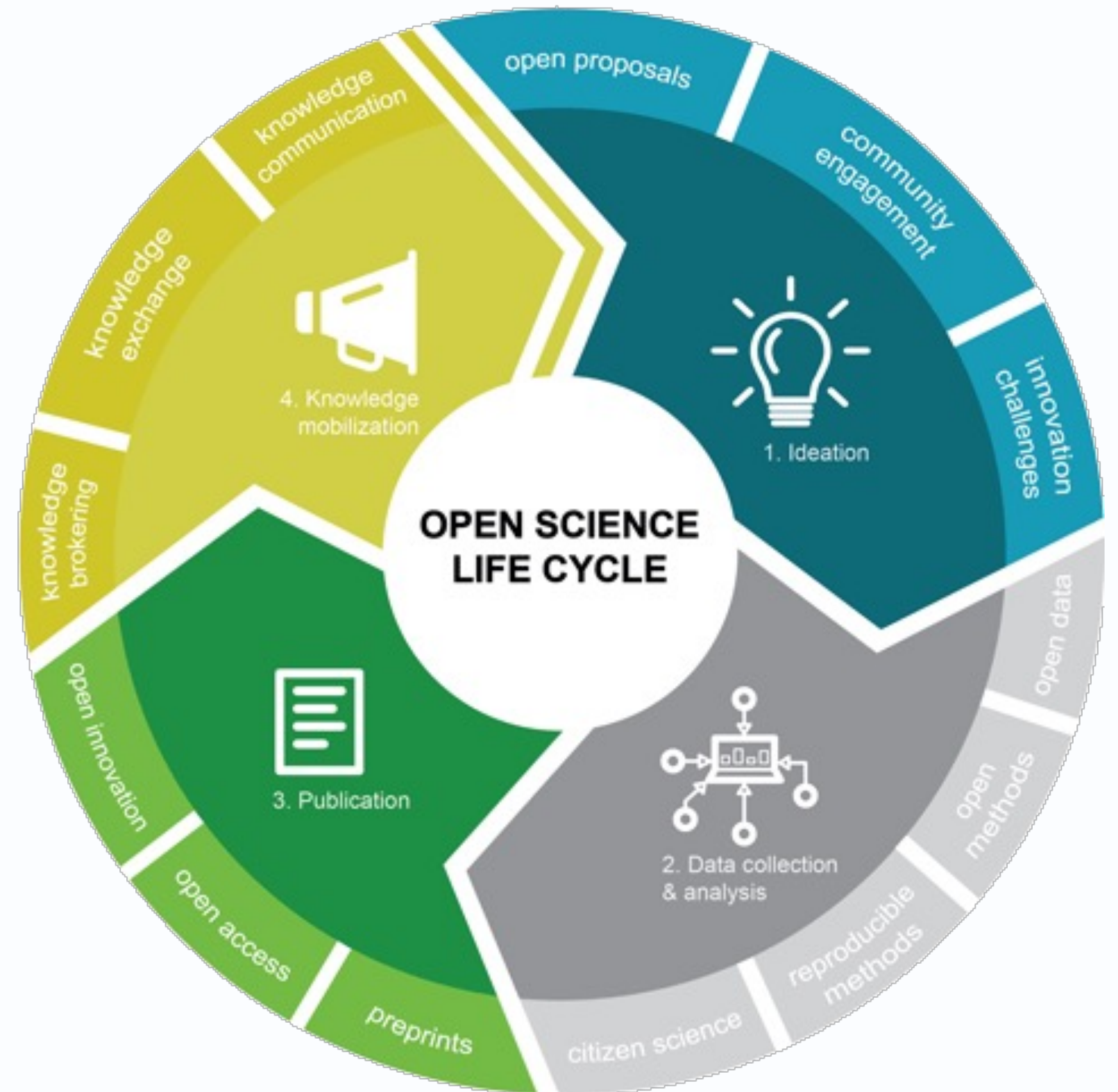
# BROADEN

Opening all products of research



# Open Science

Open access to publications is part of a broader movement to open the research process





# CONNECT

Interrelating research artifacts





# Persistent Unique Identifiers (PIDs)

Enable trusted digital connections between objects and entities





Search organizations

Core Academic Schools



Exact match

Search

Numbers shown are total authors by type, and percent who have ORCIDs.

Displaying 7 items

Name	Total	Faculty	Staff	Resident	Fellow	Postdoc	PhD Student	MS Student	Type
<a href="#">School of Medicine</a> Stanford University	22329 (13.8%)	4668 (29.9%)	7974 (5.4%)	1042 (11.2%)	531 (11.3%)	1547 (44.0%)	678 (26.1%)	318 (10.7%)	School
<a href="#">Graduate School of Business</a> Stanford University	2608 (2.5%)	263 (6.8%)	935 (1.9%)	1 (0.0%)	0 (n/a)	18 (22.2%)	104 (5.8%)	979 (1.5%)	School
<a href="#">Stanford Law School</a> Stanford University	1241 (2.7%)	196 (6.6%)	426 (2.1%)	0 (n/a)	0 (n/a)	1 (100.0%)	13 (23.1%)	545 (1.5%)	School
<a href="#">School of Engineering</a> Stanford University	8817 (9.8%)	729 (32.4%)	1881 (3.1%)	2 (0.0%)	0 (n/a)	441 (38.1%)	1774 (18.0%)	2054 (3.3%)	School
<a href="#">Stanford Doerr School of Sustainability</a> Stanford University	1558 (18.9%)	351 (41.6%)	518 (6.6%)	0 (n/a)	0 (n/a)	91 (45.1%)	252 (24.6%)	182 (1.6%)	School
<a href="#">School of Humanities and Sciences</a> Stanford University	8768 (8.8%)	1416 (19.8%)	2343 (2.7%)	1 (0.0%)	0 (n/a)	464 (39.4%)	1741 (12.9%)	409 (0.7%)	School
<a href="#">Graduate School of Education</a> Stanford University	917 (9.2%)	130 (30.8%)	302 (6.0%)	1 (0.0%)	0 (n/a)	20 (25.0%)	108 (14.8%)	184 (1.6%)	School

Counts represent estimates - application is under development





# ADAPT

Streamlining institutional policies



# Open Access Policies

Institutional open access policies should keep pace with changing funder expectations and scholarly publishing practices

Cambridge Open Access Publications Policy Framework

**Open Access at Stanford**

**Approved Policy**

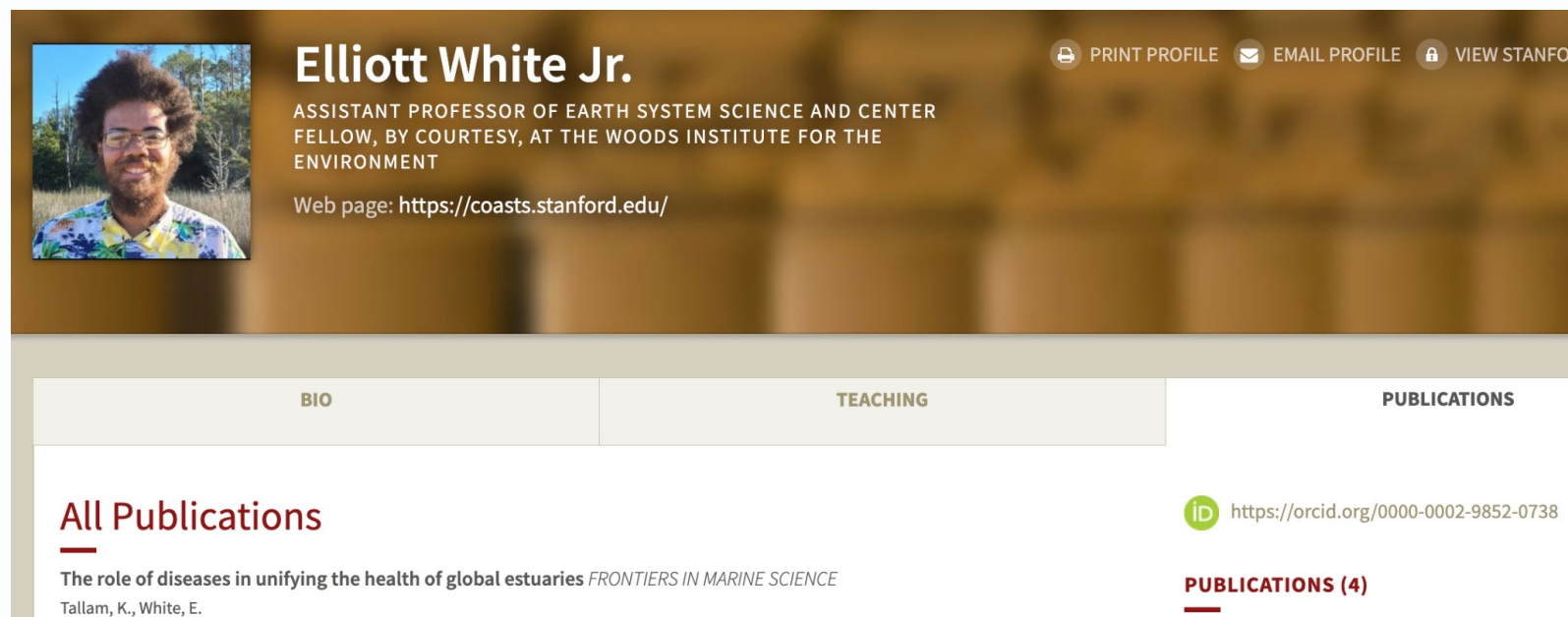
23 November 2020

**University of  
Maryland  
Equitable  
Access Policy**

Advancing equitable, open access to the University's research and scholarship.

# Open Access Policies

Deposit workflows can leverage research intelligence, identifiers, and existing institutional systems to simplify administrative burdens



**Elliott White Jr.**  
ASSISTANT PROFESSOR OF EARTH SYSTEM SCIENCE AND CENTER FELLOW, BY COURTESY, AT THE WOODS INSTITUTE FOR THE ENVIRONMENT  
Web page: <https://coasts.stanford.edu/>

PRINT PROFILE EMAIL PROFILE VIEW STANFORD

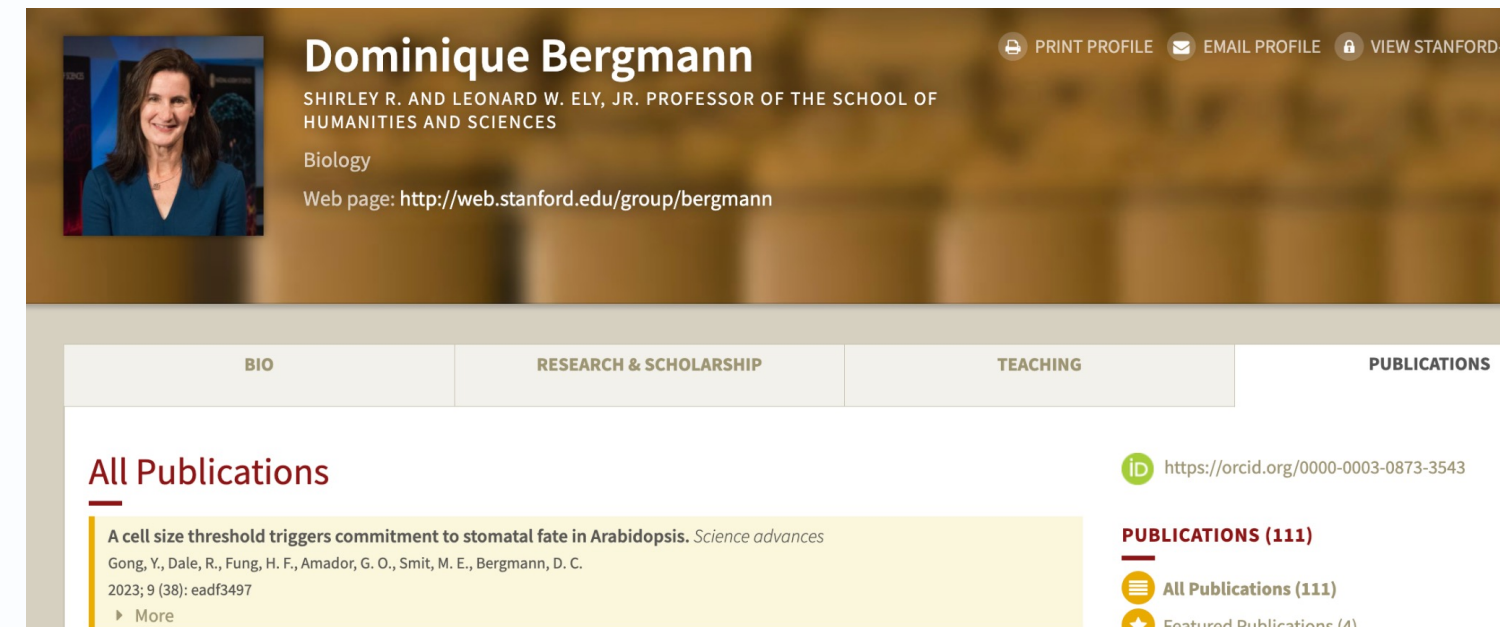
BIO TEACHING PUBLICATIONS

**All Publications**

The role of diseases in unifying the health of global estuaries *FRONTIERS IN MARINE SCIENCE*  
Tallam, K., White, E.

 <https://orcid.org/0000-0002-9852-0738>

**PUBLICATIONS (4)**




**Dominique Bergmann**  
SHIRLEY R. AND LEONARD W. ELY, JR. PROFESSOR OF THE SCHOOL OF HUMANITIES AND SCIENCES  
Biology  
Web page: <http://web.stanford.edu/group/bergmann>

PRINT PROFILE EMAIL PROFILE VIEW STANFORD

BIO RESEARCH & SCHOLARSHIP TEACHING PUBLICATIONS

**All Publications**

A cell size threshold triggers commitment to stomatal fate in *Arabidopsis*. *Science advances*  
Gong, Y., Dale, R., Fung, H. F., Amador, G. O., Smit, M. E., Bergmann, D. C.  
2023; 9 (38): eadf3497  
More

 <https://orcid.org/0000-0003-0873-3543>

**PUBLICATIONS (111)**

- All Publications (111)
- Featured Publications (4)

# Open Access: Evolving Services

**UNDERSTAND**

Local publishing patterns

**EXPLAIN**

Funder sharing requirements

**BROADEN**

Open access to open science

**CONNECT**

Outputs to increase impact

**ADAPT**

Institutional policies and workflows



# THANK YOU.

---

Rochelle Lundy  
Stanford University Libraries

