



# Equitable, Effective and Sustainable NSF Public Access Policy

***Martin Halbert***

*Science Advisor for Public  
Access, Office of Advanced  
Cyberinfrastructure*

***Manish Parashar***

*Director, Office of  
Advanced  
Cyberinfrastructure*

***Catherine Patterson***

*AAAS STPF Fellow, Social and  
Economic Sciences; Office of  
Advanced Cyberinfrastructure*

***Alan Tomkins***

*Deputy Division  
Director, Social and  
Economic Sciences*

***Lisa-Joy Zgorski***

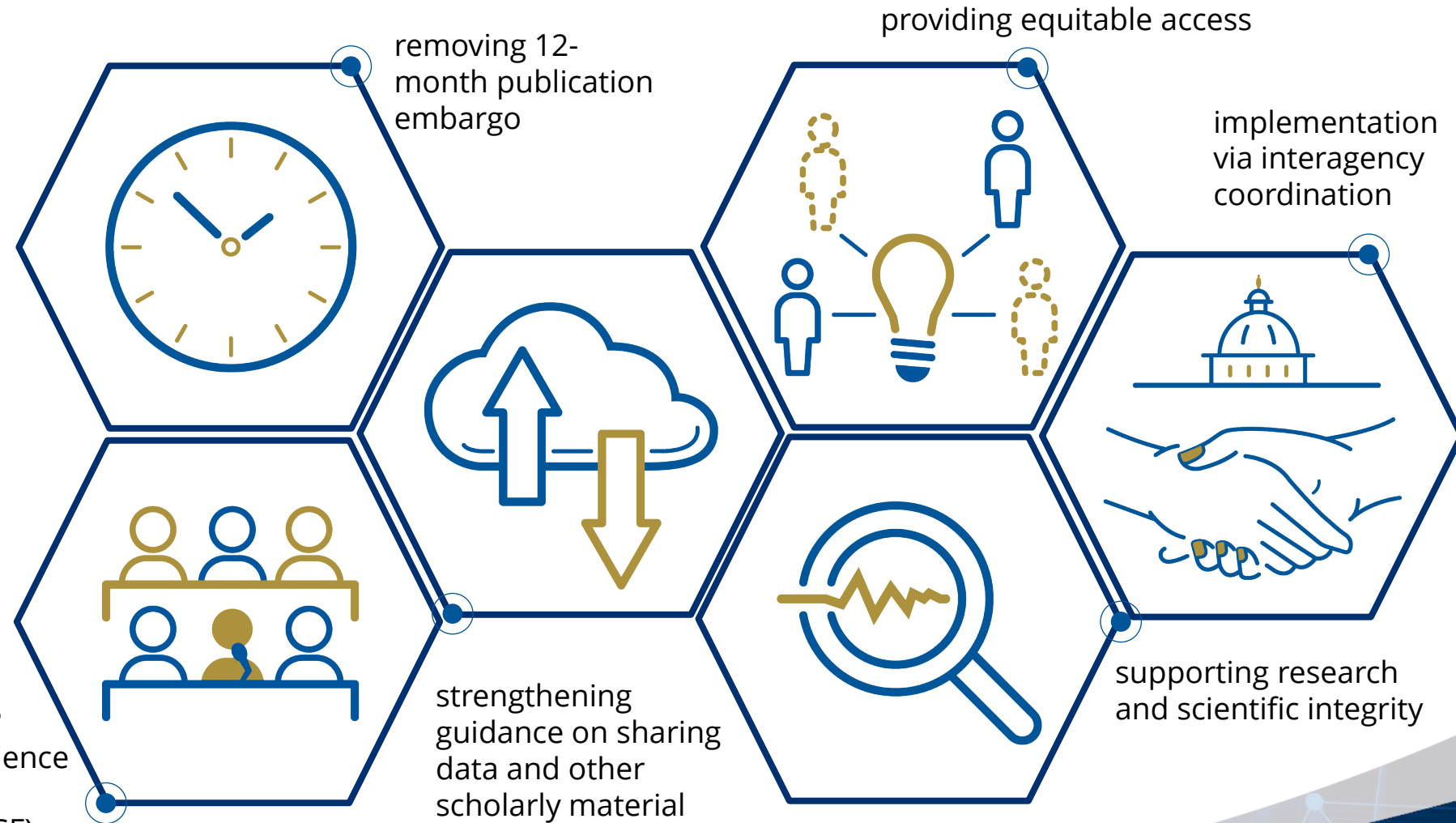
*Public Affairs  
Specialist, Legislative  
and Public Affairs*

# What is the new policy guidance?

*"American investment in such research is essential to the health, economic prosperity, and well-being of the Nation. There should be no delay between taxpayers and the returns on their investments in research."*

*~ Dr. Alondra Nelson*

informed by years of OSTP Subcommittee on Open Science Leadership (currently led by OSTP, NASA, NIH, and NSF)



# What the new policy guidance is **NOT**:

---

A mandate for *Open Access* or *any other publication model*

---

A mandate for APCs or *any other publication model*

---

A replacement of every provision of the 2013 OSTP memorandum

---

A requirement to share protected information and data

---



# Opportunities and Priorities

- ***Accelerate discovery and amplify its impact.***
  - continue the paradigm from research silos towards a culture valuing access to publications, data sharing, and collaboration
- ***Promote scientific integrity***
- ***Ensure equity***
  - weigh impact on the scientific community
  - support science and scientists

*Impact of public  
access across  
Federal  
government*



*8 million*

*publications made  
accessible*

*3 million*



*read free daily*



# NSF Public Access Plan: Current Practices

A screenshot of the Research.gov website. The header shows the NSF logo and 'Research.gov ONLINE GRANTS MANAGEMENT FOR THE NSF COMMUNITY'. Navigation tabs include 'My Desktop', 'Prepare & Submit Proposals', and 'Awards & Reports'. The main content area is titled 'Submit New Journal or Juried Conference Paper' with a '< Back to Products' link. Below this, there is a 'Required fields' section with a 'Product Status' dropdown menu set to 'Published'. A note states: 'Published journals or juried conference papers need to be deposited in the NSF Public Access Repository. Once deposited and validated in NSF-PAR, the new entry will be added to your project report.' A link for 'Deposit publication (NSF-PAR)' is provided. The footer includes the Research.gov logo and the National Science Foundation logo.

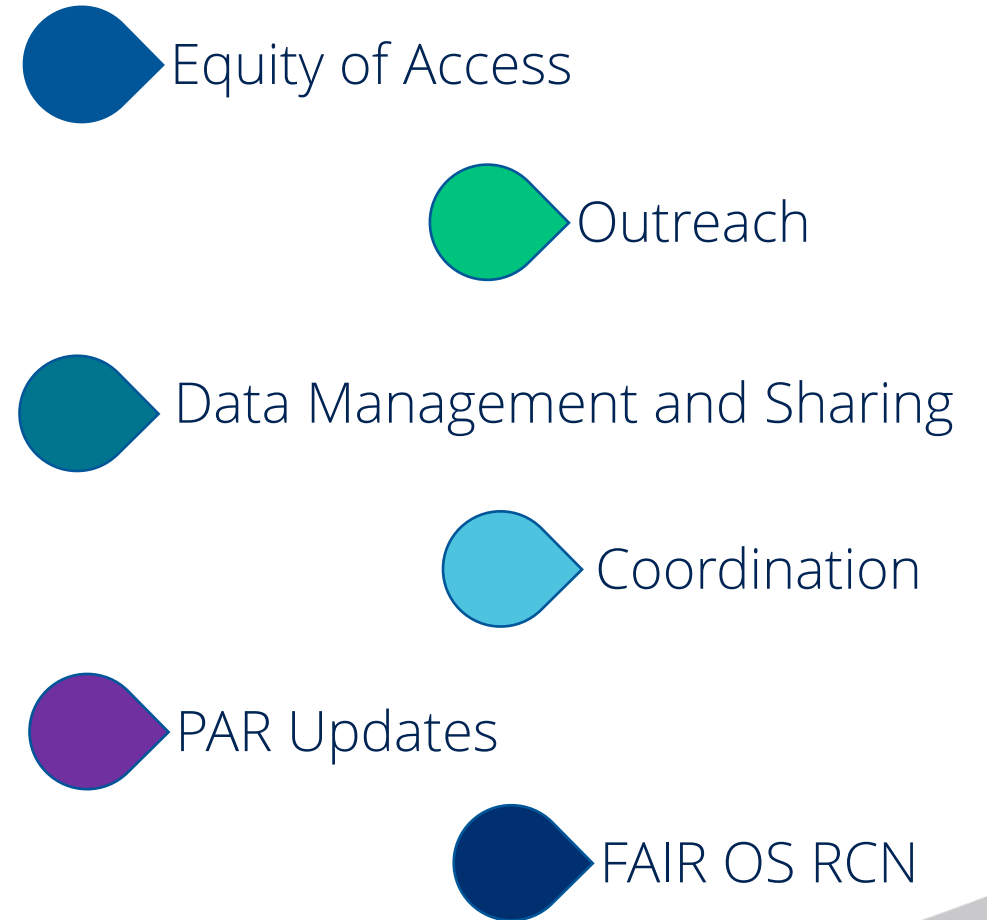
## Today's Data, Tomorrow's Discoveries: Increasing Access to the Results of Research Funded by the National Science Foundation (NSF 15-52)

- Published in Mar 2015, under then NSF Director France Córdova
- Published, peer-reviewed articles are uploaded and publicly accessible through the NSF PAR (Public Access Repository) as regular part of annual reporting
- **AAM** (author accepted manuscript) or the **VOR** (version of record) satisfy the public access requirement



# NSF Public Access 2.0 Planning

- NSF PA 2.0 planning efforts underway
- Building on longstanding NSF policies and practices
  - continued ability to satisfy Public Access requirements with either the AAM (author accepted manuscript) or the VOR (version of record)
- Internal agency working groups addressing priority areas



# Gathering stakeholder input



## NSF Public Access Initiative



### News from the Director

NOVEMBER 2022

#### Listen and Learn Webcast: Equitable, Effective and Sustainable Public Access Policy

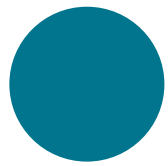
In August, the White House's Office of Science and Technology Policy issued a [memo](#) directing the nation's major science-funding agencies to ensure free, immediate and equitable access to the products of federally supported research. The required updates to the policy will have direct and lasting impacts on NSF stakeholders, including researchers, research institutions, scholarly societies, research libraries and the universities they support, and publishers. Active stakeholder engagement is essential to forming a policy that is equitable, sustainable and best serves NSF's broad and diverse community.

Join us for a virtual information and listening session on **Nov. 30, 2022 at 2:00 p.m. EDT**. Participants will learn about the history and driving principles of NSF's Public Access Policy and serve as a forum for NSF to hear and appreciate what's on the minds of our stakeholders and discuss opportunities and challenges as we update the policy. Reach out to [PublicAccess@nsf.gov](mailto:PublicAccess@nsf.gov) with questions and [register for the webcast](#).

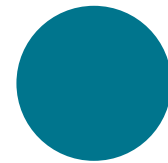
# What we've heard from our stakeholders....

## ***principles and values***

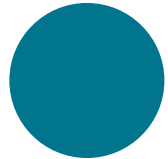
*Broad agreement that expanded public access, in principle, is beneficial to scientific enterprise, advances equity, and that the trend towards open research will likely continue*



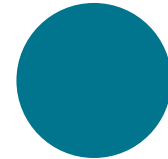
**Publishing is critical** to the research ecosystem, and both advances science and supports specific communities



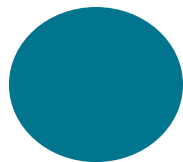
Researchers should have an **equitable ability/right to submit research** results for publication



**Cross-disciplinary scientific value** of shared data should be maximized



**Avoiding duplicative effort** and unnecessary researcher burden is valued

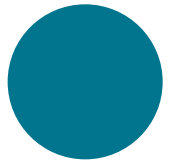


Communities want to help **develop new mechanisms/ecosystems** for sharing research



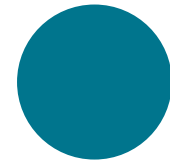
# What we've heard from our stakeholders....

## *costs and concerns*

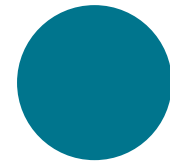


Equity concerns are a primary driving factor for many communities

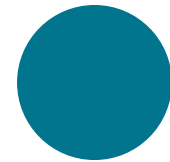
- Over-reliance on Gold OA may disadvantage many researchers and marginalized groups
- Scholarly societies and large commercial publishers will have access to different solutions
- Shifts from subscription access to page charges may have large-scale implications and equity impacts



Shifting publication costs to research grants, would **reduce funding** intended for research, development, and training



There are non-trivial technical, cultural, and economic **challenges** surrounding data sharing



Publishing and data **norms** vary among disciplines; one-size will not fit all



# *We're listening.....*

---

What are your **interests** in public access?

---

What are your **concerns** about changing public access requirements?

---

What **impacts** do you anticipate for your communities?

---

What **resources** does your community need for compliance?

---

How would you define **success**?





***Thank you for your interest and input!***

***To contact us, reach out to:***

***PublicAccess@nsf.gov***

***atomkins@nsf.gov***

***Explore the NSF Public Access Initiative  
and funded awards:***

***<https://beta.nsf.gov/public-access>***