



**American Physiological Society's Journey
Transformation Into and Beyond....**

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Engagement**

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Who is the American Physiological Society?

- The American Physiological Society (APS) is a nonprofit organization that publishes 16 highly respected scientific journals.
- APS publishes work that strengthens our community dedicated to solving major problems that affect life and health.
- As a self-publishing society, APS reinvests any income completely back into the research community we serve and the science we support.
- Staff culture embodies openness, trust, respect, integrity, collaboration, curiosity, healthy debate, and fearlessness.

PUBLISH WITH PURPOSE™
american physiological society



Advance scientific discovery

Understand life

Improve health



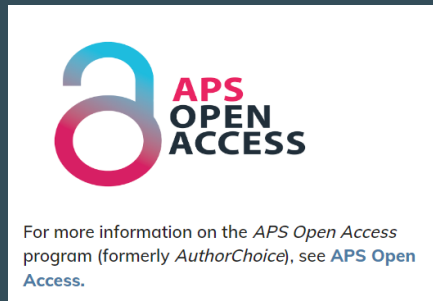
www.journals.physiology.org

The APS OA Journey

Phase 1: Navigating Open Access within our Community

What is Open Access anyway?

- **Rebrand** Author Choice to APS Open Access
- Inform **what OA can do** for our authors & members (not publishers!)
- APS **serves a community** of nearly 10,000 members who advance scientific discovery, understand life, and improve health.



Publishing open access opens doors for your research by:

Retaining Copyright



Reaching a Wider Audience



Creating Equitable Access

The goal of APS Open Access is to help create a more equitable system of knowledge that is open to anyone, anywhere. When you publish your work in the highly regarded, peer-reviewed APS journals, you benefit from our dedicated production and promotion efforts to help your work reach the world without barriers.

Initiating Sustainable Progress

Publishing your research through APS Open Access will help APS build toward an open science future. Academic publishing has always been an essential part of our mission as a Society, but we also have a rich history of supporting physiologists and their science beyond publishing. As a self-publishing society, APS reinvests any income completely back into the research community we serve and the science we support. APS will continue to grow our OA content as well as explore new business models, such as our **Read, Publish & Join** program, to continue publishing your important research.

The APS OA Journey

Phase 1: Navigating Open Access within our Community

But seriously, what is Open Access again..and again?

- **Promote** OA heavily to the community
- **Storytelling** from APS membership and libraries to share experiences
- **Build** external relationships in scholarly publishing

APS's Open Access Opens Doors

Do Researchers Have the Keys?

Curtis Brundy, Iowa State University
Associate University Librarian for Scholarly

Yvonne Campfens, OA Switchboard
Executive Director

Open Access:
What Researchers Need to Know Now

Lisa Janicke Hinchliffe
Professor for Information Literacy Services and Instruction, University of Illinois at Urbana-Champaign

Dr. Dennis Brown
Chief Science Officer, APS
Professor of Medicine, Harvard Medical School
Director, Massachusetts General Hospital

oaswitchboard

Watch and see how your library can participate:

OA Switchboard

Shared messaging, protocols, assessment, evaluation and routing

Shared infrastructure, knowledge and collaborating existing systems and solutions, leveraged with APIs

CASPA

Society Publishers' Coalition

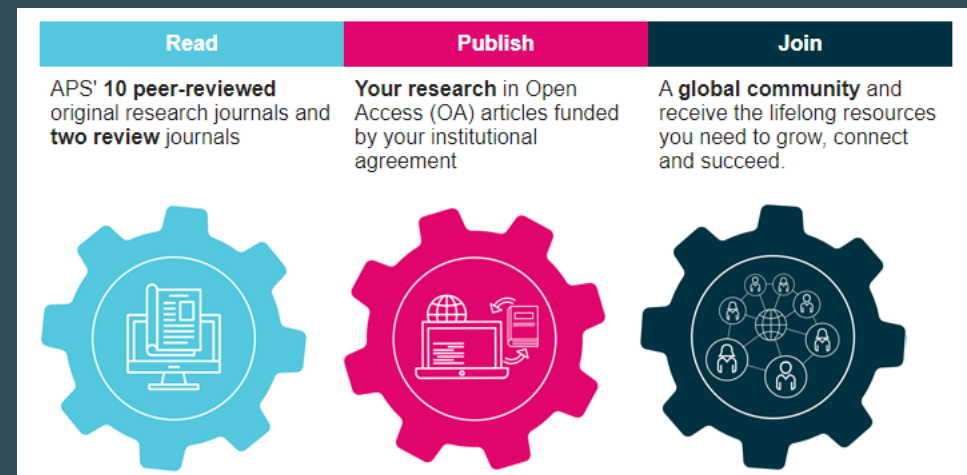
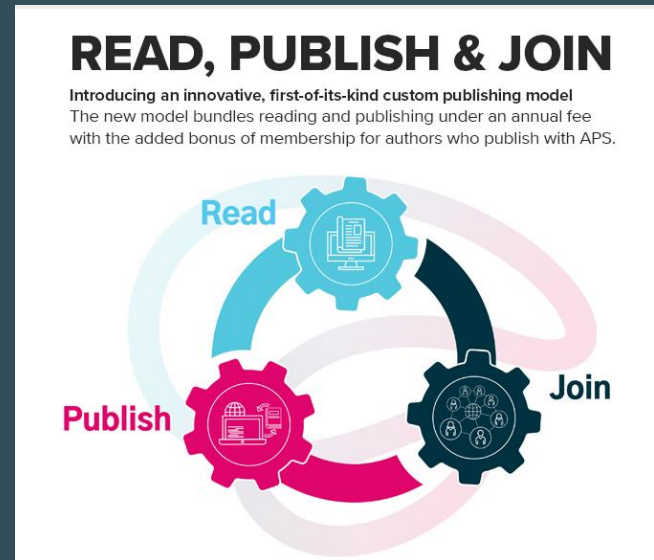
Proud member

The APS OA Journey

Phase 2: Roll out 1st Transformative Agreement

Timeline for Read, Publish and Join (RPJ)

- APS Considers Transformative Pilot 2019
- APS Launches RPJ January 2020
- One Partner: Iowa State
- Implementation: Manual (EEK!)



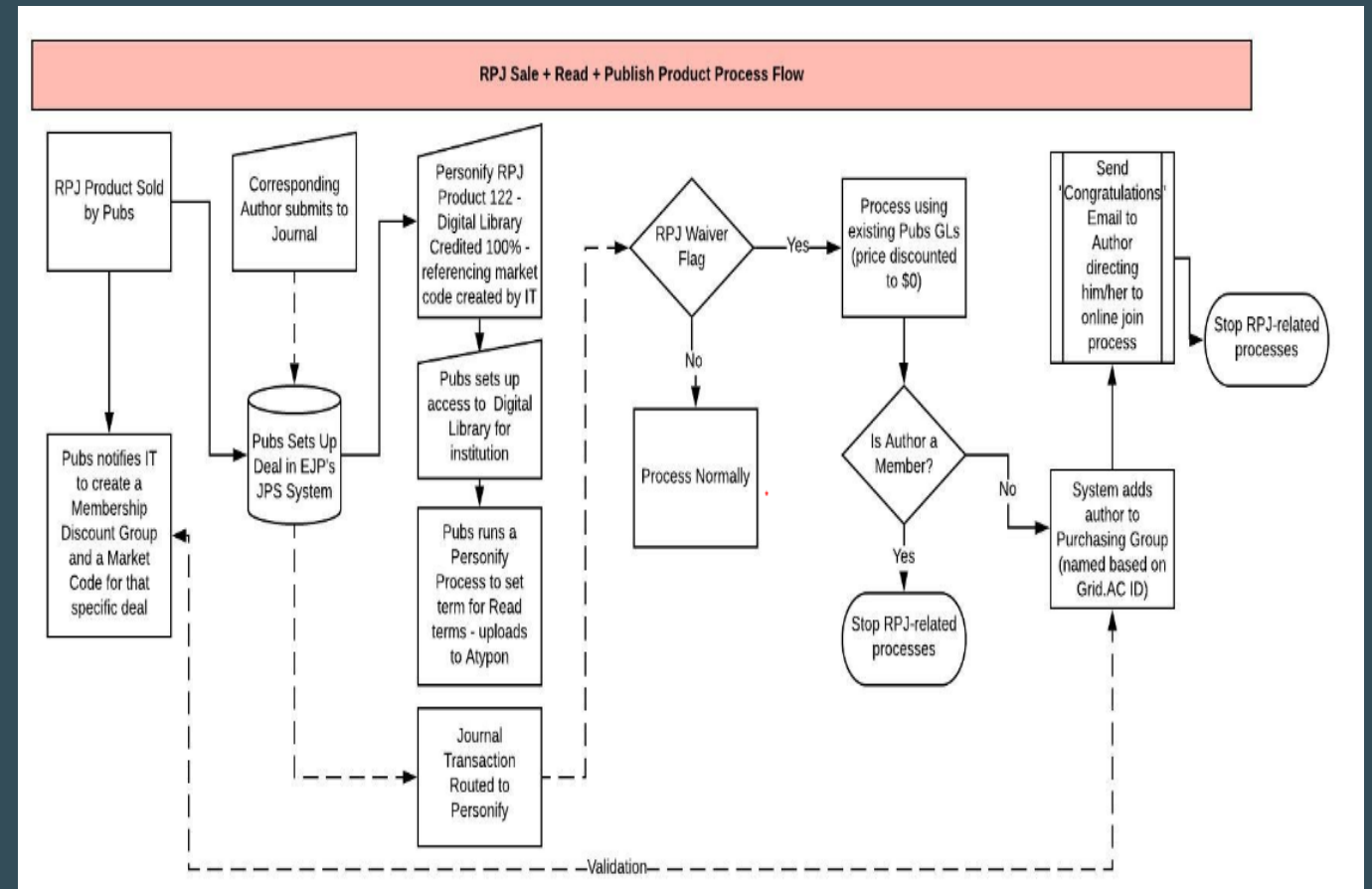
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Phase 3a: Collaboration & Recalibration



Internal Teamwork Change – Test —Pivot (repeat 20-30 times)

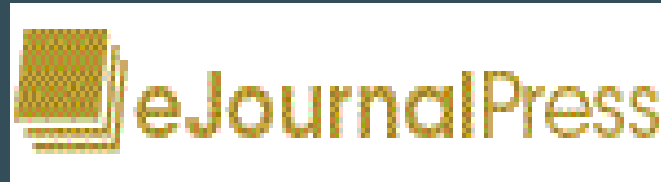
- Societies operate differently than a publishing entity- both efficiently.
- Internal systems are created to support the Society.
- The data does not match from system to system.
- Systems do not “talk” to each other in this case.



The APS OA Journey

Phase 3b: Collaboration & Recalibration

External Vendors
Change – Test —Pivot
(continual repeat and evaluate)



- Authors need a **seamless way to verify their institution**
- Each **transformative agreement is different-unfortunately.**
- APS needs to set up **deal variations**
- New billing process & **automate OA payments**
- **Report to all stakeholders!**

Add New Organization Deal

Deal ID: 202000009

Deal Title:

Start Date:

End Date:

Deal Type: Discount
 Paid from Deal Balance
 Unlimited
 Notify Organization Admin days before End Date

Auto-Approve: None
 Auto-approve immediately
 Auto-approve after days

Organization:

Organization Administrator:
Add Person

Sales Manager:

Advantage Account #:

Advantage Organization:

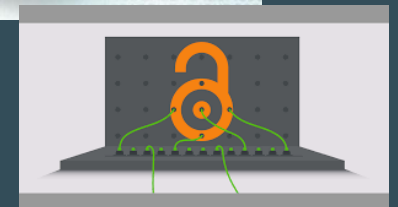
Comments:

Import Deal Balance:

Billing Payment System

Our Billing Payment System (BPS) r

Journal Production System



The APS OA Journey

Phase 4: Expansion of RPJ with Unlimited Publishing

Timeline for Read, Publish and Join

- Automation!
- At Scale!
- Unlimited Publishing!
- Jisc Deal Launched!
- Total Institutions since 2020: 34



Membership & Community Publications & News Professional Development

APS and Jisc Announce New Read, Publish and Join Partnership

October 21, 2020

Home / News

Transitional agreement is first for UK digital education powerhouse and US publisher

Rockville, Md. (October 21, 2020)—The American Physiological Society (APS) is proud to announce a Read, Publish and Join pilot with Jisc—the U.K. education and technology not-for-profit—offering U.K. institutions unlimited, immediate open access publishing in the APS Digital Library. This innovative custom publishing model is the first of its kind, bundling reading and publishing under a simple annual fee, with the additional bonus of a one-year membership for authors who publish with APS.

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Phase 5: Did I mention pivot?

- OSTP Announcement 8/22
- Calls for **all federally funded research to be made available** for free without embargo
- **Over half of APS published papers** have at least one US Funder
- APS Members & Authors need to be **compliant by 2025**
- **Publish with Purpose™** EST 2019
- **Sustainably transition-** APS **reinvests** any income completely back into our community



The APS OA Journey

Phase 6: Business Model Evaluation


- What **model** will **ensure our community is compliant** when they publish with APS?
- How can we do this **by 2025**?
- Without **adding a financial burden** to our authors and members?
- **At scale** and...did I mention by **2025**?
- **Sustainably transition** to continue to serve our members and authors while **enabling the transformation to open access**



Home / Publications & News / Newsroom / The Physiologist Magazine / Unlocking Open Access

Unlocking Open Access

Open access is on the horizon. What will this mean for researchers and publishers?
By Scott Sleek



The global adoption of open science is changing the way researchers communicate their science and transforming the way scholarly journals will generate revenues. These policies emanate from the global open access (OA) movement, which supports free, unrestricted access to peer-reviewed scientific papers. Open access supporters say the public should be able to freely download, share and reuse articles, preprints and data. What does this mean for publishers, scientific societies and researchers?

The open access evolution hit its peak in the U.S. in 2022, when the White House Office of Science and Technology (OSTP) announced an updated requirement: All federally funded research must be available for free immediately upon publication. The policy becomes fully effective by the end of 2025.

The National Institutes of Health (NIH) and other U.S. federal agencies had already been requiring public access to the research they fund after a 12-month embargo. Similar changes are underway in Europe and other parts of the world, with some policies already in effect and others becoming fully effective in December 2024.

Exploring a Way Forward

The APS OA Journey

Phase 6: Business Model Evaluation

THE
Physiologist
MAGAZINE

Open Access Types at APS Journals

Advances

Open Access Models

Diamond OA or Platinum OA: No fees are charged to authors or readers; publication may be funded entirely by the community, such as nonprofits, institutions or consortia.

Gold OA: Researchers, their institutions or their funders pay an article processing charge (APC) when an article is accepted, and the final version of record of the article is made open access immediately upon publication. Authors keep the copyright to their work under a Creative Commons license.

Bronze OA: Publications are free to publish and free to read but are not openly licensed for reuse.

Green OA: Gives authors a self-archiving option of the accepted version of their manuscript. The researchers can post this earlier version of the article in a freely accessible online repository. The authors avoid an APC. The publisher or affiliated society often keeps the copyright to the work. There may be an embargo on when the content is available to the public.

Hybrid: Offers authors the option of paying an APC to make their article open access. These journals publish a mix of gated and open access content.

Subscribe to Open (S2O): Converts subscriptions to open access without relying on APCs. Under this model, if enough institutions renew their subscriptions under the S2O terms, the publisher commits to making the content open for that subscription year so all readers can access content and researchers are not required to pay an APC to publish in the journal. Otherwise, the journal remains gated and continues to be accessed by paying subscribers.

Function;
Physiological
Reports

Research *Journals:* *AJP*
Journals; JNP; JAPPL;
PG;
Review Journals: PRV,
Physiology



At the end of 2023, the
APS Council approved a
new way forward for the
Society.

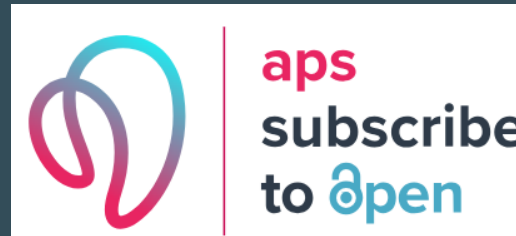


The APS OA Journey

Current Phase: Ready..Set....Subscribe to Open in 2025

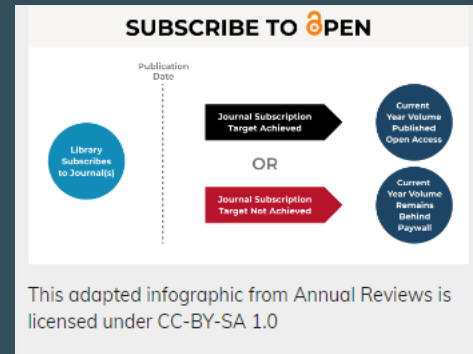
How it Works

- **10** primary research journals starting in 2025
- **Transforms** library subscriptions
- Equitable Publishing- **no APCs**
- Continue to **serve members & community**
- **Accelerate** our **OA** journey



S2O incentives

- Ensures authors **meet funder requirements**
- **OA Guarantee** for package Subscribers
- **Green policy** for all others
- Licensed term access to **APS Legacy content**
- Coming soon: **Partner with Purpose™** with libraries



<https://journals.physiology.org/s2o>