



SCIENTIFIC AND TECHNICAL
INFORMATION PROGRAM

NASA Research Access and PubSpace

50th Annual Meeting Division of Planetary Sciences

Gerald Steeman, NASA STI

22 October, 2018



Agenda

- Research Access and PubSpace Terminology
- Overview of NASA's Research Access Activity
- Have a NASA grant? What to expect
- Research Access Help Desk
- Numbers So Far
- Fact Sheet
- Addendums
 - Email Examples
 - ORCID Log In
 - NASA use of ORCID
 - Numbers So Far
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Definitions

Extramural authors: NASA grantees

Intramural authors: NASA civil servants and most NASA contractors*

NASA-funded research: Any NASA funded research, including research partially funded by NASA and sub-awards of NASA funding

NIH: National Institutes of Health

NIHMS: NIH Manuscript Submission (NIHMS) system

PubMed Central (PMC): Online repository developed and operated by the National Center for Biotechnology Information (NCBI), a division of the National Library of Medicine (NLM) at the National Institutes of Health (NIH)

PubSpace: NASA's publication repository within PMC

NASA Technical Reports Server (NTRS): NASA's online repository that provides access to NASA's research and development including aerospace-related citations, full-text online documents, images and videos.

STI Program Office: Office that administers the NASA program for collecting and disseminating Scientific and Technical Information (STI), manages the NTRS, and facilitates manuscript deposits to PubSpace.

**Contractors with a NASA Identity and the deposit requirement stipulated within their contract.*



Overview



The Research Access program is part of the agency's framework for increasing public access to scientific publications and digital scientific data.

- Follows the release of White House Office of Science and Technology Policy's (OSTP) memorandum

[Increasing Access to the Results of Federally Funded Research.](#)

- Bottom Line - Federally funded research must be made available to the public within one year of publication.
- NASA answered the mandate by creating the response entitled [NASA Plan for Increasing Access to the Results of Scientific Research.](#)
- Grants Terms and Conditions approved for use starting 11/28/16. [Federal Register Vol. 81, No. 208](#) pp.74657-9



Language in Grant Awards Post Nov. 2016

“Access to Research Results” (1800.930)

The recipient shall:

(1) Comply with their approved Data Management Plan submitted with its proposal, and as modified upon agreement by the recipient and NASA from time to time during the course of the period of performance.

(2) Ensure that any Final Peer-Reviewed Manuscript is submitted to the NASA-designated repository, currently the PubMed Central system at <http://www.ncbi.nlm.nih.gov/pmc/>. NASA will provide instructions for completing the submission process under separate cover. Ensure that the Final Peer-Reviewed Manuscript is submitted to PubMed Central within one year of completion of the peer review process.

(3) Ensure that any publisher's agreements entered into by an Awardee will allow for the Awardee to comply with these requirements including submission of Final Peer-Reviewed Manuscripts to the NASA-designated repository, as listed in paragraph (b)(2) of this term and condition, with sufficient rights to permit such repository to use such Final Peer-Reviewed Manuscript in its normal course, including rights to permit users to download XML and plain text formats.

(4) Hereby represent and warrant that Awardee has secured for recipient the right to submit the Final Peer-Reviewed Manuscript to the NASA-designated repository for use as set forth herein.

(5) Include in annual and final reports a list of Final Peer-Reviewed Manuscripts covered by this term and condition.

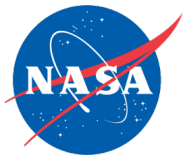




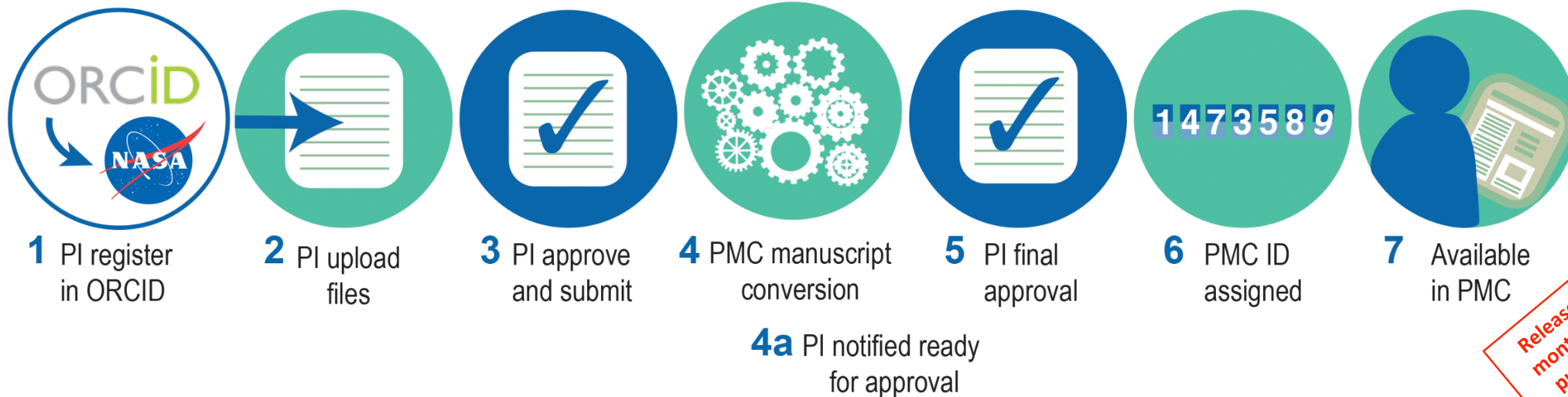
Have a NASA grant? What to expect

All NASA-funded authors and co-authors (both civil servant and non-civil servant) are required to deposit (or ensure the deposit of) copies of peer-reviewed scientific publications and associated data into NASA's publication repository called [NASA PubSpace](#).

- **Intramural Authors** – do this by utilizing NASA's Document Availability Authorization (*DAA/NF1676*) process
- **Extramural Authors** – do this by utilizing NIH Manuscript Submission (NIHMS) System (the submission system for NASA PubSpace)
- The PubSpace collection **EXCLUDES** patents, publications that contain material governed by personal privacy, export control, proprietary restrictions, or national security law or regulations.



Extramural Deposits



Released 12
months after
publication

Start here: <https://go.nasa.gov/2CPJkr2>





Where do I get help?

NASA Research Access Help Desk

Email: nasa-researchaccess@mail.nasa.gov

Phone: (757) 864-6736

Hours: Monday through Friday 9:00 am to 5:00 pm

Web: <https://go.nasa.gov/2PDnERv>

Just Google: “NASA Research Access” or “NASA PubSpace”





Where do I get help?

The Research Access Help Desk assists intramural and extramural authors with:

- ORCID ID registration
- Issues with the NIHMS system or any part of the submission process
- Questions regarding:
 - NASA's Public Access Policy
 - Submitting manuscripts using the NIHMS system and through the DAA process
 - PubSpace (access, why you don't see your manuscript, selection of manuscripts for PubSpace, etc.)
 - NASA data, including Data Management Plans
 - The DAA process
 - The NASA Technical Reports Server (NTRS)
 - Other general Inquiries



Numbers So Far (Updated Oct. 2018)

Manuscripts in PubSpace

1,905

Includes Open Access
deposits to NIH



Deposited Since 2016 Via NIHMS

888

Intramural: 555
Extramural: 333

ORCID Registrations

1,658

Grants With ORCIDs Info Sent to NIHMS

3,594

*Leading Indicator of
Future Manuscript
Deposits*





National Aeronautics and Space Administration

NASA's PubSpace: A Public Portal to Peer-Reviewed Publications and Data

NASA has developed an agency plan and associated policy to increase public access to scientific publications and digital scientific data resulting from NASA-funded research. The plan, entitled "NASA Plan for Increasing Access to the Results of Scientific Research," is consistent with the objectives set forth in the Office of Science and Technology Policy's Feb. 22, 2013 memorandum, "Increasing Access to the Results of Federally Funded Research," and with the Space Act, which provides for the "widest practicable and appropriate dissemination of information covering [NASA's] activities and the results thereof."

Promoting the sharing of data is a longstanding core value of NASA and we routinely process, archive, and distribute our mission data to stakeholders around the world. In support of NASA's commitment to public access, an agency policy has been created (NPD 2230.1) that specifically addresses how NASA-funded investigators must manage their research data and accepted manuscript versions of peer-reviewed publications that arise from unclassified NASA-funded research, technology, and development programs.

What You'll Find at PubSpace

- Accepted manuscript version of journal articles

Not Included at PubSpace

- Materials that contain:
 - Personal Information (PI)
 - Export Control
 - Proprietary Restrictions
 - National Security Law or Regulations
- Patents

Intramural Authors: Refers to all Civil Servants (and some Contractors) who are required to utilize the DAA process (NF1676) to submit journal articles to NTRS and PubSpace per NPR 2230.1.

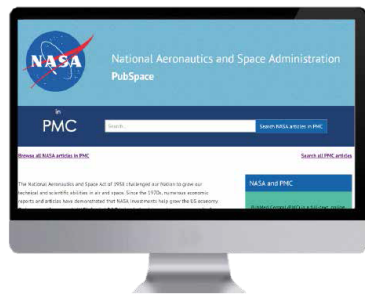
Extramural Authors: Refers to grantees who will need to submit their articles through the NIH Manuscript Submission (NIHMS) system unless the journal has an agreement to deposit its papers in PubMed Central.

For Support: For questions regarding NASA's PubSpace or the submission process, please contact the NASA Research Access Help Desk.

Email
nasa-researchaccess@mail.nasa.gov

Phone
(757) 864-6736

NASA PubSpace
<https://www.ncbi.nlm.nih.gov/pmc/tunder/nasa/>



NASAFacts

General Questions

What is PubSpace?

PubSpace is an archive of full-text journal articles produced by NASA-funded research and available online without a fee. PubSpace is available from a collaboration between the National Institutes of Health (NIH) and NASA to allow wider access to the results of federally-funded research. Articles collected under the Public Access Policy are archived on PubSpace, which is hosted by NIH on their PubMed Central (PMC) repository. To access PubSpace, navigate to <https://www.ncbi.nlm.nih.gov/pmc/tunder/nasa/>

What is the difference between the NASA Public Access Policy and Open Access?

The Public Access Policy ensures that the public has access to the peer-reviewed and published results of all NASA-funded research through PubSpace. United States and/or foreign copyright laws protect most of the papers in PubSpace. Generally, Open Access involves the use of a copyrighted document under a Creative Commons or similar license-type agreement that allows the authors to retain copyright while allowing others to copy, distribute, and reuse their work. Only a subset of the papers in PubSpace are available under such Open Access provisions. See the PMC Copyright Notice for more information.

What is the relationship between NASA's Technical Reports Server (NTRS) and PubSpace?

NASA's Technical Reports Server (NTRS) provides access to aerospace-related citations, full-text online documents, and images and videos. Content includes: conference papers, journal articles, meeting papers, patents, research reports, images, movies, and technical videos - scientific and technical information (STI) created or funded by NASA. To access the collections at NTRS, navigate to <https://ntrs.nasa.gov/>

NTRS and PubSpace have complementary collections. Many of the articles that are archived in PubSpace are also available from NTRS.

For Investigators, Awardees, and NASA Staff

To what types of papers does the NASA Public Access Policy apply?

All peer-reviewed scientific research publications authored or coauthored by investigators that are the result of NASA-funded research. This includes both civil servant (intramural) and non-civil servant (extramural) investigators. The accepted manuscript version of the publication should be submitted.

My paper is available on the publisher's web site. Do I have to submit my final peer-reviewed manuscript?

Yes, you must submit the final peer-reviewed manuscript to PubSpace. Papers available through publishers' web sites do not fulfill the authors' obligations under the NASA Public Access Policy. For more information, view this tutorial video: <https://youtu.be/51-qNG4qvq8>

I plan to publish in an open access journal. Do I have to submit my final peer-reviewed manuscript?

Yes, it is the responsibility of the authors to ensure the article is deposited to PubSpace.

Note: As of April 2017 NASA contracts do not have the requirement to deposit manuscripts to NIHMS, so it is voluntary at present.

Links to Bookmark

NASA Research Access
<https://www.nasa.gov/open/researchaccess/>

PubSpace
<https://www.ncbi.nlm.nih.gov/pmc/tunder/nasa/>

NASA Technical Reports Server (NTRS)
<https://ntrs.nasa.gov/>

NASA's Research Access Policy (Video)
<https://youtu.be/51-qNG4qvq8>

NIH Manuscript Submission (NIHMS) System
<https://www.nihms.nih.gov/db/sub.cgi>

NASA STI Program has published a range of Fact Sheets about the Program that are available here for download.



<https://go.nasa.gov/2J2j8d0>



Addendums

Email Examples

ORCID Log In

NASA use of ORCID

Links to References



NASA Email Requesting ORCID Registration - Example

Click link in email to connect your ORCID with NASA Funding

Congratulations on your grant award! According to the Terms and Conditions of your grant with NASA, you are required to submit any final peer-reviewed manuscripts that are the result of research conducted with funds from the NASA award. The manuscripts will be submitted to NASA's PubSpace repository through the NIH Manuscript Submission (NIHMS) system. PubSpace is available from a collaboration between the National Institute of Health (NIH) and NASA to allow wider access to the results of federally-funded research.

Grant Award Information:

- **Grant Number:** Your Grant Number
- **Proposal:** Your Proposal Title
- **Technical Officer:** Your Technical Officer's Name
- **Technical Officer Email:** Your Technical Officer's Email

In order to complete this process, you will need to have an ORCID ID number. Your ORCID ID number is required to align your award information to you and to allow you to log into the NIHMS system. Please follow this link to create an ORCID ID or to log in with your current ORCID ID number.

[ORCID Email Link]

You will need to allow NASA to have access to your ORCID record as a trusted third-party. To do this complete the following steps:

- Click the provided link.
- Confirm that the box is checked next to "Allow this permission until I revoke it."
- Those with an existing ORCID – log in to your ORCID account by using your email address or ORCID ID for the username and your password. Click the "Authorize" button at the bottom of the screen.
- Those creating an ORCID – fill out all required fields in the form. Click the "Authorize" button at the bottom of the screen.

Please allow three business days from when you register your ORCID to login to the NIHMS system. We are asking for you to complete this process so that when you do have a manuscript you wish to deposit, you will be able to access all systems and have a more streamlined experience.

If you have any questions or concerns please contact the NASA Research Access Help Desk at nasa-researchaccess@mail.nasa.gov or call (757) 864-6736. You can also navigate to <https://www.nasa.gov/open/researchaccess/frequently-asked-questions> for additional information.

Best regards,
Michelle



ORCID Screens



Sign into ORCID or [Register now](#)

Personal account

Institutional account

Sign in with your ORCID account

Email or ORCID iD

Your_Name@Your_email.edu

ORCID password

ORCID password

Sign into ORCID

[Forgotten your password? Reset it here](#)

Sign in with a social media account



As per ORCID's [terms and conditions](#), you may only register for an ORCID iD for yourself.

First name

First_Name

Last name

Last_Name

Primary email

Your_Name@Youremail.edu

Additional email

[Add another email](#)

Create an ORCID password

.....

Confirm ORCID password

.....

Your ORCID iD connects with your ORCID record that can contain links to your research activities, affiliations, awards, other versions of your name, and more. You control this content and who can see it.

By default, who should be able to see information added to your ORCID Record?



Email Registration For NASA Grantees
has asked for the following access to your ORCID Record



Read your ORCID record

☒ Allow this permission until I revoke it.
*You may revoke permissions on your account settings page.
Unchecking this box will grant permission this time only.*

This application will not be able to see your ORCID password, or other private info in your ORCID Record. [Privacy Policy](#).

Sign into ORCID or [Register now](#)

Personal Account

Institutional Account

Sign in with your ORCID account

Email or iD *

Email or iD

ORCID Password

ORCID Password

[Forgotten password?](#)

[Deny](#)

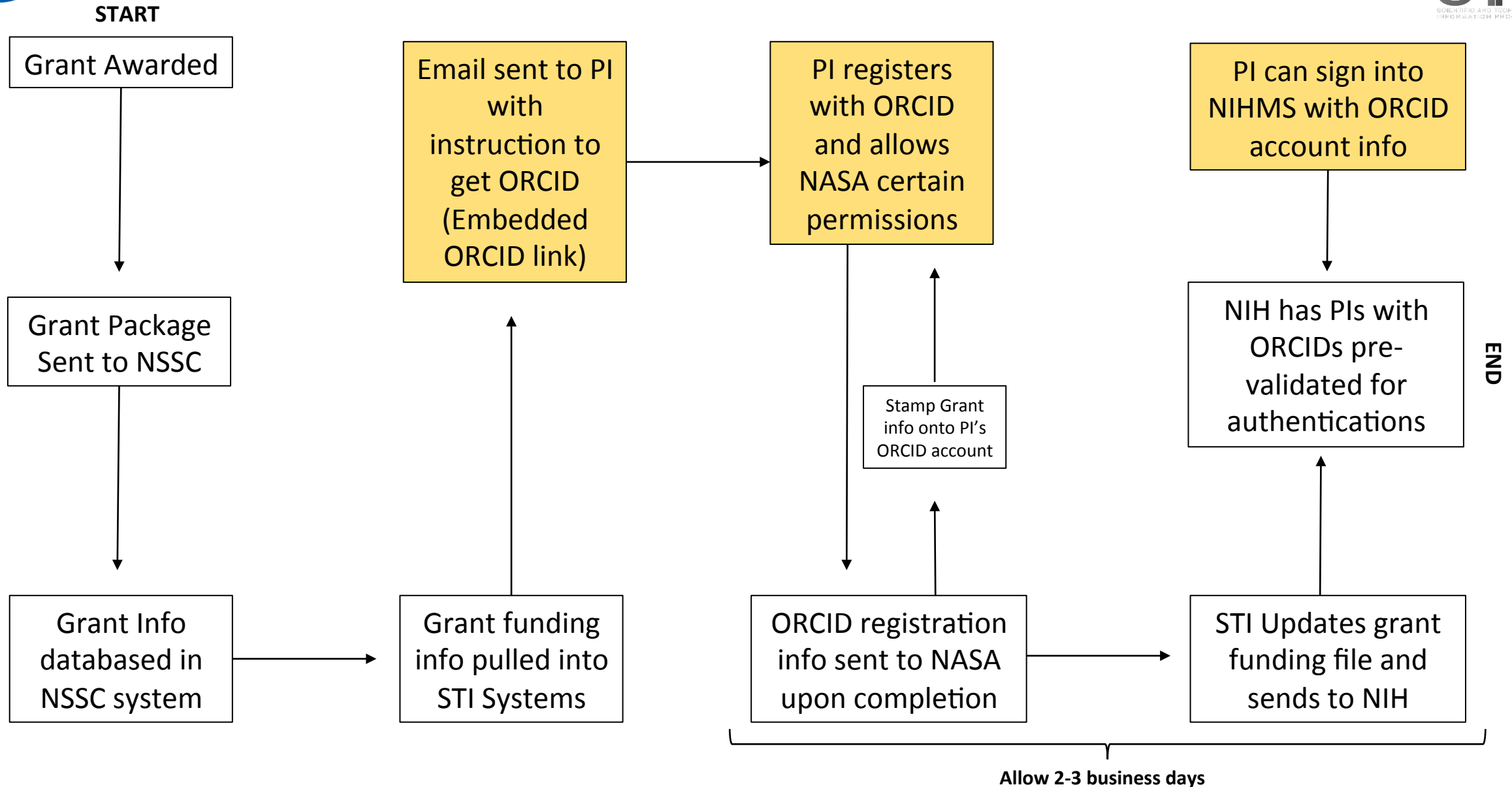
[Authorize](#)

Sign in with a social media account





NASA use of ORCID for NIHMS/PMC Process - Diagram





Email Examples - NIH

To: user@nasa.gov
Subject: NIHMS838804: Approve Submission of Manuscript

"[Title of Manuscript]" (NIHMS838804, Publ.ID: NasaStiBulkSub_20160005193)

[NOTICE: This is an automated message from the NIH Manuscript Submission (NIHMS) system. To contact NIHMS staff, please go to <https://www.nihms.nih.gov/db/sub.cgi?page=email&mid=838804>

Dear [Name],

Your action is needed to complete the submission process for a manuscript submitted to the NIH Manuscript Submission (NIHMS) system for inclusion in PubMed Central (PMC). NASA Deposits has submitted the following manuscript in compliance with the funding agency's public access policy (see <https://www.nihms.nih.gov/db/sub.cgi?page=publicaccess>):

Journal name: [Name of Journal]
Manuscript title: [Title of Manuscript]
The manuscript ID is NIHMS838804.

This process applies to research funded only by agencies listed on the [NIHMS Funders page](#). If the research was not funded by one of these agencies, please let us know. Otherwise, please be sure to associate or confirm any relevant funding support prior to depositing the deposited materials. Applicable funding must be associated in the NIHMS system. If it was also acknowledged in the manuscript text.

There are three steps:

1. Access the System: Log into the NIHMS system:

<https://www.nihms.nih.gov/db/sub.cgi?page=stepbystep>

NOTE: If the above URL does not work, please paste the entire URL into your browser. **You must follow this link to the NIHMS system. ** This link is a "ticket" that allows our system to match the manuscript ID to the submission.

Ticket Number:
0e8de116c0dc14c3a9811a07f67d9f5273a2092b

2. Sign in to the NIHMS system. If you need assistance signing in, step-by-step tutorials are available at <https://www.nihms.nih.gov/db/sub.cgi?page=stepbystep>.

3. Review the initial deposit and click the "Approve" button if complete. (If there is another author or PI who you think would be more appropriate to serve as the Reviewer, you may reassign Reviewer duties under "Step 3. Reassign Reviewer.")

Upon your approval, the manuscript will be processed and prepared for PMC. This conversion process takes approximately 2-3 weeks (exact times vary by current submission volume). You will again be notified via e-mail when the PMC-ready documents are ready for final review.

If you have any questions, please contact the NIHMS Help Desk at <https://www.nihms.nih.gov/db/sub.cgi?page=email>.

Sincerely,

The NIHMS Help Desk

To: user@nasa.gov
Subject: Manuscript #838804: Please review the PMC-ready Documents

Dear [Name],

The PMC-ready version of your NIHMS manuscript (NIHMS838804 - "[Title of Manuscript]") is now available for your review.

Please proceed to the NIHMS system to review the PMC-ready documents. This is necessary to complete your manuscript submission to PubMed Central (PMC).

To sign in, go to <https://www.nihms.nih.gov> and choose the NASA sign-in route.

If you are directed to Launchpad, please use your Smartcard, RSA Token, or Agency User ID to sign in as [AUID]

If you forgot your password, you can request a password reset by going to the sign-in page.

Once signed in, you will be able to request corrections to the manuscript or to PubMed Central or request that corrections be made to the manuscript.

A step-by-step tutorial is available at <https://www.nihms.nih.gov/db/sub.cgi?page=stepbystep> and open a step-by-step tutorial in a different browser window to follow with the process in the NIHMS system.)

PLEASE DO NOT REJECT DOCUMENTS FOR THE FOLLOWING REASONS:

- Not the final version: NIHMS policies often call for the submission of the peer-reviewed, accepted manuscript. To make the final published version, you need explicit permission from the publisher; please note, however, that due to copyright restrictions, the publisher can deny this request.

- PubMed link(s) missing from reference(s): These links are automatically generated and cannot be added manually by NIHMS staff.

If you have any questions, please contact the NIHMS Help Desk at <https://www.nihms.nih.gov/db/sub.cgi?page=email> for assistance.

Sincerely,
The NIHMS Help Desk

To: user@nasa.gov
Subject: Manuscript #838804: Your manuscript is available in PMC

Dear [Name],

Manuscript NIHMS838804 ("[Title of Manuscript]") has been loaded into PubMed Central (PMC) and made available for public access:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5296649>

The submission process for this manuscript is now complete.

We encourage you to make further manuscript submissions as they become eligible. As always, please feel free to contact the NIHMS Help Desk with any questions at <https://www.nihms.nih.gov/db/sub.cgi?page=email>.

Thank you for using the NIHMS system.

Sincerely,
The NIHMS Help Desk

Notice when
converted manuscript
is ready for review

Notice when your
manuscript is
released to PubSpace



Links to References

- *Increasing Access to the Results of Federally Funded Research -*
https://obamawhitehouse.archives.gov/sites/default/files/microsites/ostp/ostp_public_access_memo_2013.pdf
- *NASA Plan for Increasing Access to the Results of Scientific Research -*
<http://ntrs.nasa.gov/search.jsp?R=20150020926>
- *Federal Register Vol. 81, No. 208 pp.74657-9 -*
<https://www.federalregister.gov/d/2016-26014>
- *NIHMS Tutorial -*
https://www.nihms.nih.gov/db/sub.cgi?page=slides&slides_id=pi_deposit