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NIH Public Access Policy

In this workshop, you will learn about your options for compliance.

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What is the NIH Public Access Policy?

The NIH Public Access Policy ensures the public has access to the published results of NIH funded research to help advance science and human health.

Policy Aims:

- **ARCHIVE.** A central collection of NIH-funded research publications preserves vital published research findings for years to come.
- **ADVANCE.** The archive is an information resource for scientists to research publications and for NIH to manage better its entire research investment.
- **ACCESS.** The archive makes available to the public research publications resulting from NIH-funded research.



What is the NIH Public Access Policy?

Requires scientists to submit final peer-reviewed journal manuscripts that arise from NIH funds to PubMed Central (PMC).

Maximum 12-month embargo!

Enforcement:

Anyone submitting an application, proposal or report to the NIH must include the PMC reference number (PMCID) when citing applicable papers.

NIH will delay processing of non-competing continuation grant awards if publications arising from that award are not in compliance with the NIH public access policy.



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> J Med Internet Res. 2020 Nov 2;22(11):e18309. doi: 10.2196/18309.

Predictors of Internet Health Information-Seeking Behaviors Among Young Adults Living With HIV Across the United States: Longitudinal Observational Study

Warren Scott Comulada^{1,2}, Mary Step³, Jesse B Fletcher⁴, Amanda E Tanner⁵, Nadia L Dowshen⁶, Sean Arayasirikul⁷, Kristin Keglovitz Baker⁸, James Zuniga⁸, Dallas Swendeman^{1,2}, Melissa Medich⁹, Uyen H Kao¹⁰, Adam Northrup¹⁰, Omar Nieto¹⁰, Ronald A Brooks¹⁰, Special Projects Of National Significance Social Media Initiative Study Group¹¹

PMID: 33136057 PMCID: PMC7669436 DOI: 10.2196/18309
Free PMC article

Abstract

Background: Consistent with young adults' penchant for digital communication, young adults living with HIV use digital communication media to seek out health information. Understanding the types of health information sought online and the characteristics of these information-seeking young adults is vital when designing digital health interventions for them.

Objective: This study aims to describe characteristics of young adults living with HIV who seek health information through the internet. Results will be relevant to digital health interventions and patient education.

Methods: Young adults with HIV (aged 18-34 years) self-reported internet use during an evaluation of digital HIV care interventions across 10 demonstration projects in the United States (N=716). Lasso (least absolute shrinkage and selection operator) models were used to select characteristics that predicted whether participants reported seeking general health and sexual and reproductive health (SRH) information on the internet during the past 6 months.

Results: Almost a third (211/716, 29.5%) and a fifth (155/716, 21.6%) of participants reported searching for general health and SRH information, respectively; 26.7% (36/135) of transgender young adults with HIV searched for gender-affirming care topics. Areas under the curve (>0.70) indicated success in building models to predict internet health information seeking. Consistent with prior studies, higher education and income predicted health information seeking. Higher self-reported antiretroviral therapy adherence, substance use, and not reporting transgender gender identity also predicted health information seeking. Reporting a sexual orientation other than gay, lesbian, bisexual, or straight predicted SRH information seeking.

Conclusions: Young adults living with HIV commonly seek both general health and SRH information online, particularly those exploring their sexual identity. Providers should discuss the most commonly sought SRH topics and the use of digital technology and be open to discussing information found online to better assist young adults with HIV in finding accurate information. Characteristics associated with health information-seeking behavior may also be used to develop and tailor digital health interventions for these young adults.

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Understanding PMC

- Link to PMC: <http://www.ncbi.nlm.nih.gov/pmc/>
- Full-text repository of 3.9 million articles
- Different from PubMed
- PMCIDs are not the same as PMIDs

What is PubMed Central?

PMC Elements

- Article title
- Link to journal publication
- PMCID
- Full-text article + downloadable PDF

The screenshot shows the PubMed Central interface for a specific article. At the top, there is a search bar and navigation links. The article title is prominently displayed, and the citation information is circled in red. The page includes author names with their affiliations, a list of footnotes, and a disclaimer. The right sidebar contains options for other formats, actions like 'Cite' and 'Favorites', and social media sharing options.

Journal List > J Med Internet Res > v.22(11); 2020 Nov > PMC7669436

Journal of Medical Internet Research
The leading peer-reviewed journal for health and healthcare in the Internet age
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Published online 2020 Nov 2. doi: [10.2196/18309](https://doi.org/10.2196/18309) PMID: [33138057](https://pubmed.ncbi.nlm.nih.gov/33138057/)

Predictors of Internet Health Information-Seeking Behaviors Among Young Adults Living With HIV Across the United States: Longitudinal Observational Study

Monitoring Editor: Gunther Eysenbach

Reviewed by 翔宇 (同), Samantha Paige, and Lauren VonHoltz

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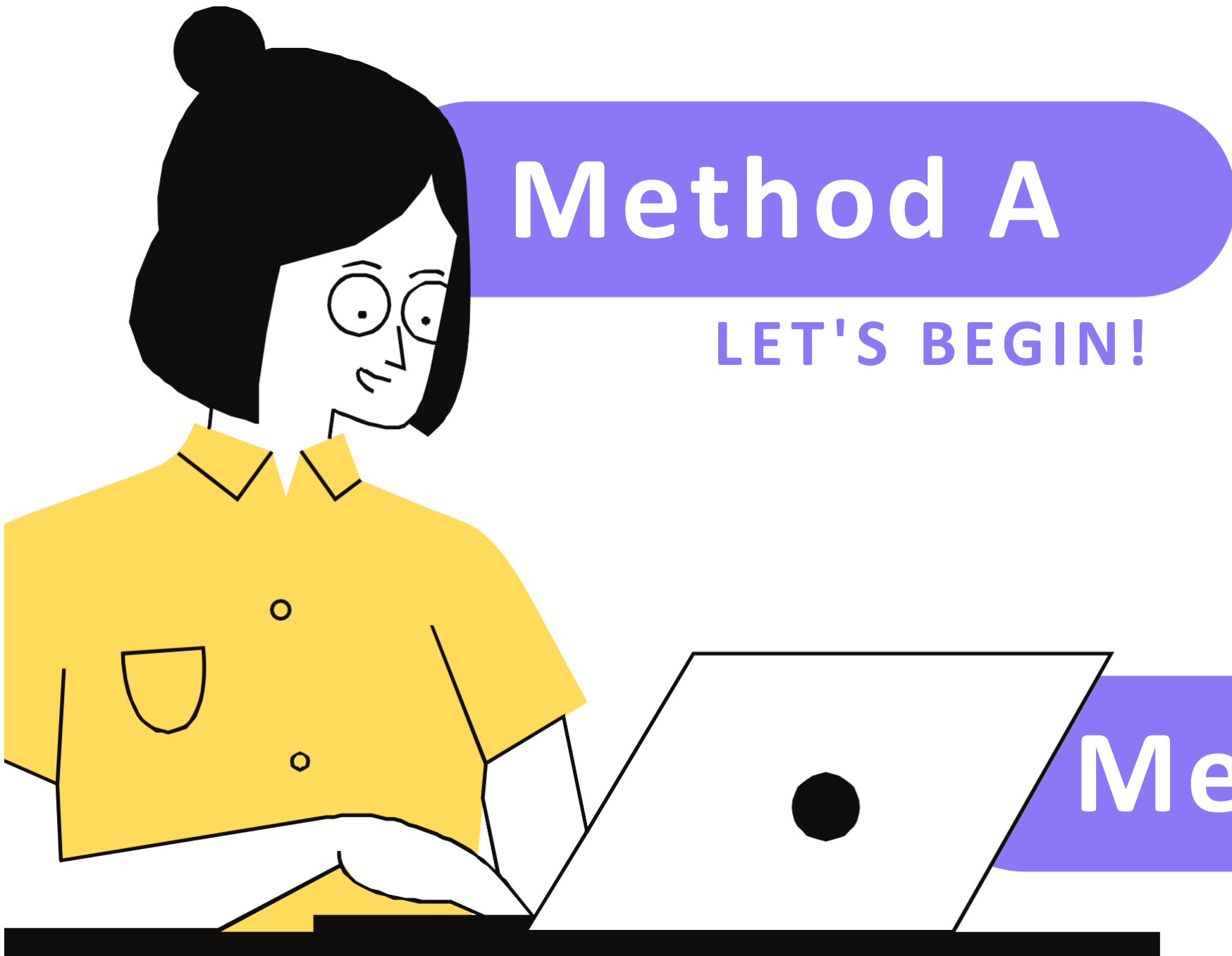


Submitting Your Paper to PMC

There are 4 ways that a paper can be added to PubMed Central and become compliant.

Methods A-D

- Methods A and B – publisher does all the work
- Methods C and D – author does most/all the work
- Methods C and D involve the use of a system called NIHMS: the NIH Manuscript Submission System



Method A

LET'S BEGIN!

Method A: Journals take care of the compliance process for their authors. They put all their NIH-funded articles in PMC automatically.

[\(List of Method A journals \(Limited\)\)](#)

Method B

Method B: Publishers take care of the compliance process for their authors, IF the authors opted in at the time of publication, usually paying an open access fee.

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Method C

If your article was not published in a Method A OR Method B journal, chances are you will need to do Method C.

NIH Manuscript Submission System
The NIH Manuscript Submission (NIHMS) system supports the deposit of manuscripts into PubMed Central (PMC) as required by the public access policies of NIH and other participating funders. Learn more about the [NIHMS process](#).

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The screenshot displays the NIHMS Manuscript Submission interface. At the top, the page is titled "Manuscript Submission" with navigation links for "My Manuscripts", "About", and "Help". The main heading is "Submit Manuscript". A modal window titled "Title" is open, showing options to "Populate from:" PubMed, DOI, or My Bibliography, and an "Enter manually" option. A secondary modal titled "Import citation data" is overlaid on top, providing instructions: "If your manuscript has a PubMed ID, a DOI, or been added to your My Bibliography select the appropriate button." Below this text are two radio buttons, the first of which is selected, and a "Next" button. In the background, the "Title" modal has a "Help" icon, and the main submission area has "Cancel Submission" and "Next" buttons. At the bottom left, there is a "Funding" section with a plus sign.

Depositing into NIHMS (Cont' 2)

The screenshot displays the NIH Manuscript Central interface. At the top, the NIH logo and 'National Library of Medicine National Center for Biotechnology Information' are visible. A user profile for 'Edgar Sanchez' is in the top right. A 'Manuscript' sidebar on the left includes options like 'Submit Manuscript', 'Title', 'Population', 'My', 'Help', 'Funding', 'Files', and 'Reviewer'. A 'SEARCH IN PUBMED' modal window is open, showing search results for 'Uyen Kao'. The search results list three articles with their titles, authors, journals, and PMIDs, each with an 'IN PMC' tag. The first article is 'Perspectives on preparing for long-acting injectable treatment for HIV among consumer, clinical and nonclinical stakeholders: A qualitative study exploring the anticipated challenges and opportunities for implementation in Los Angeles County.' by Jolayemi O, Bogart LM, Storholm ED, Goodman-Meza D, Rosenberg-Carlson E, Cohen R, Kao U, Shoptaw S, Landovitz RJ, published in PLoS one 2022. The second article is 'Predictors of Internet Health Information-Seeking Behaviors Among Young Adults Living With HIV Across the United States: Longitudinal Observational Study.' by Comulada WS, Step M, Fletcher JB, Tanner AE, Dowshen NL, Arayasirikul S, Keglovitz Baker K, Zuniga J, Swendeman D, Medich M, Kao UH, Northrup A, Nieto O, Brooks RA, Special Projects Of National Significance Social Media Initiative Study Group, published in Journal of medical Internet research 2020 Nov 2. The third article is 'Qualitative Evaluation of Social Media and Mobile Technology Interventions Designed to Improve HIV Health Outcomes for Youth and Young Adults Living With HIV: A HRSA SPNS Initiative.' by Brooks RA, Nieto O, Swendeman D, Myers J, Lepe RM, Cabral A, Kao U, Donohoe T, Comulada WS, published in Health promotion practice 2020 Sep. A fourth article is partially visible at the bottom: 'Trajectories of Viral Suppression in People Living With HIV Receiving Coordinated Care: Differences by Comorbidities.' by Li M.J, Su F, Garland WH, Oksuzvan S, Lee S.J, Kao UH, Weiss RF, Shoptaw S.J.

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SEARCH IN PUBMED

Uyen Kao

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10 results out of 18

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Perspectives on preparing for long-acting injectable treatment for HIV among consumer, clinical and nonclinical stakeholders: A qualitative study exploring the anticipated challenges and opportunities for implementation in Los Angeles County. [↗](#)
Jolayemi O, Bogart LM, Storholm ED, Goodman-Meza D, Rosenberg-Carlson E, Cohen R, Kao U, Shoptaw S, Landovitz RJ
PloS one 2022. doi: 10.1371/journal.pone.0262926
PMID: 35113892 [IN PMC](#)

Predictors of Internet Health Information-Seeking Behaviors Among Young Adults Living With HIV Across the United States: Longitudinal Observational Study. [↗](#)
Comulada WS, Step M, Fletcher JB, Tanner AE, Dowshen NL, Arayasirikul S, Keglovitz Baker K, Zuniga J, Swendeman D, Medich M, Kao UH, Northrup A, Nieto O, Brooks RA, Special Projects Of National Significance Social Media Initiative Study Group.
Journal of medical Internet research 2020 Nov 2. doi: 10.2196/18309
PMID: 33136057 [IN PMC](#)

Qualitative Evaluation of Social Media and Mobile Technology Interventions Designed to Improve HIV Health Outcomes for Youth and Young Adults Living With HIV: A HRSA SPNS Initiative. [↗](#)
Brooks RA, Nieto O, Swendeman D, Myers J, Lepe RM, Cabral A, Kao U, Donohoe T, Comulada WS
Health promotion practice 2020 Sep. doi: 10.1177/1524839920938704
PMID: 32757839 [IN PMC](#)

Trajectories of Viral Suppression in People Living With HIV Receiving Coordinated Care: Differences by Comorbidities. [↗](#)
Li M.J, Su F, Garland WH, Oksuzvan S, Lee S.J, Kao UH, Weiss RF, Shoptaw S.J

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Depositing into NIHMS (Cont' 3)

The screenshot displays the NIHMS Manuscript Submission interface. At the top, the page is titled "Manuscript Submission" and includes navigation links for "My Manuscripts", "About", and "Help". The main content area is titled "Submit Manuscript" and shows the following details:

- Manuscript Title: Filtering Facepiece Respirator (N95 Respirator) Reproc
- Journal Title: JAMA

The "Funding" section is highlighted, and a modal dialog box is open over it. The dialog is titled "Associate your funding" and contains the following text:

View and select from a list of your extramural awards or intramural support.

Below the text is a progress indicator with three colored dots (blue, orange, green) and a blue "Next" button. The background interface is dimmed, showing a "Search Funding" button and a "Cancel Submission" button at the bottom right.

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Manuscript Journal

Funding

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Award Number Awardee First Name Awardee Last Name

 Search **Clear**

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R29 HL048198 NEURAL INTEGRATION AT AIRWAY PARASYMPATHETIC GANGLIA

Amanda J Myers University of Miami School of Medicine

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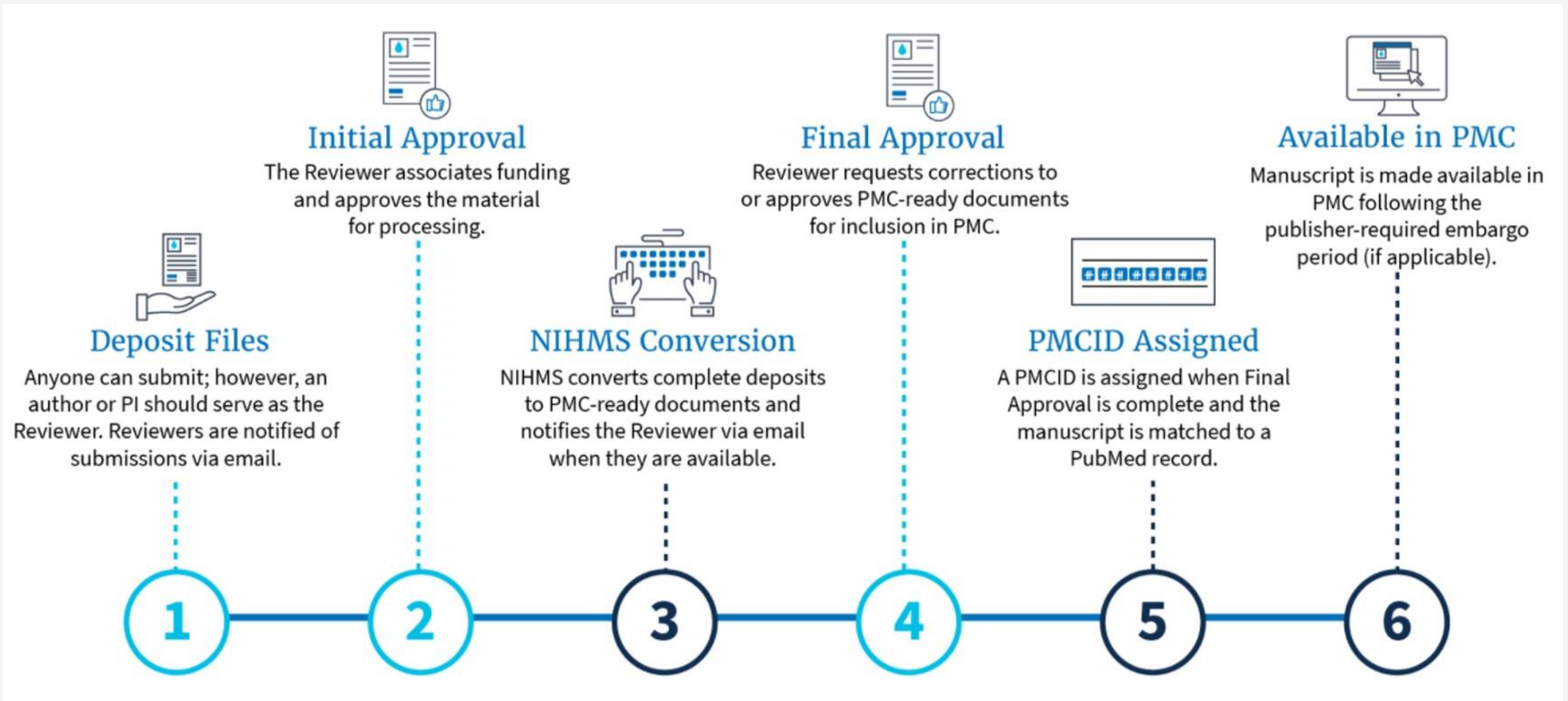
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- Then you (reviewer) will get an email notifying you that they need your final approval.
- If you lose the email, just log back into NIHMS and you'll see the manuscript that needs your attention on your dashboard.
- Double-check the converted manuscript to make sure it's correct.
- You only get a PMCID after you do final approval.



Recap of Process



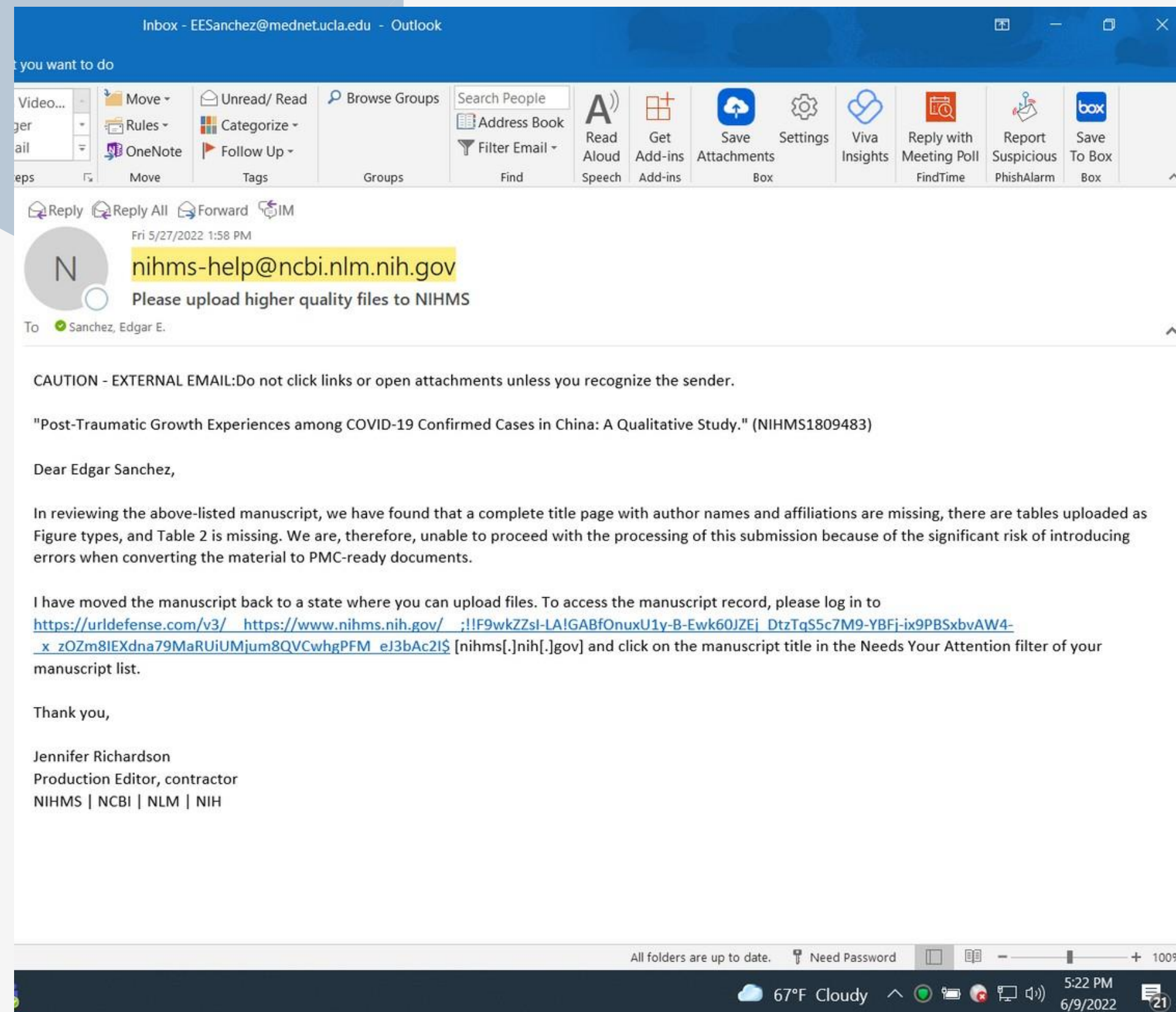
What could go wrong?

Submission Process

You may get other messages from NCBI if you are missing:

- Tables
- Figures
- References

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Method D

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Funding Body Archiving Mandates *



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<input type="checkbox"/>	<p>Kitayama K, Segura ER, Lake JE, Perez-Brumer AG, Oldenburg CE, Myers BA, Pourjavaheeri P, Okorie CN, Cabello RL, Clark JL. Syphilis in the Americas: a protocol for a systematic review of syphilis prevalence and incidence in four high-risk groups, 1980-2016. Syst Rev. 2017 Oct 10;6(1):195. doi: 10.1186/s13643-017-0595-3. PubMed PMID: 29017552; PubMed Central PMCID: PMC5634900.</p>	<p>Public Access Compliance </p> <p>Complete. PMCID: PMC5634900</p> <p>7 Awards</p>
<input type="checkbox"/>	<p>Weil AG, Westwick H, Wang S, Alotaibi NM, Elkaim L, Ibrahim GM, Wang AC, Ariani RT, Crevier L, Myers B, Fallah A. Efficacy and safety of endoscopic third ventriculostomy and choroid plexus cauterization for infantile hydrocephalus: a systematic review and</p>	<p>Public Access Compliance </p> <p>Not defined [Edit Status]</p>

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