

## National Library of Medicine Update for the Journal of EAHIL



**Dianne Babski**

Associate Director, Library Operations  
National Library of Medicine, National Institutes of Health,  
US Department of Health and Human Services  
dianne.babski@nih.gov

### Product updates

At the National Library of Medicine (NLM), we serve many different stakeholders in both public and private sectors across the globe. We are committed and focused on meeting the evolving needs of this broad and diverse range of stakeholders. As such, we continuously seek feedback to ensure we are growing to meet current and future user needs. Our focus is to ensure our products are unique, high-quality, and trusted resources. We strive to build functionality into our interfaces and systems that allow our users to customize, repurpose, and share our resources. With that in mind, I'd like to share a few updates from a cross section of NLM products and services:



*Sphere of NLM Product Stakeholders*

**DOCLINE:** Over 2,000 users utilize DOCLINE services daily. In addition, the libraries place over 2,000 requests per day. The updated DOCLINE system maintains popular features and incorporates user-requested enhancements related to journal holdings updates, reporting and documentation. We continue to develop DOCLINE by adding features and functionality based on feedback to meet users' feedback.

**MEDLINE 2022 Initiative:** As part of our efforts to transform and accelerate biomedical discovery and improve health and health care, we are transitioning to automated Medical Subject Headings (MeSH) indexing of MEDLINE citations in PubMed. Automated indexing will provide users with timely access to MeSH indexed metadata and allow us to scale indexing for MEDLINE to the volume of published biomedical literature. Our human indexers will continue to be involved in the refinement of automated indexing algorithms and will play a significant role in the quality assurance approaches for automated indexing.

**PubMed Central Labs (PMC):** Our PubMed Central Team is modernizing the PMC user interface. I encourage you to visit our development site, PMC Labs (<https://www.ncbi.nlm.nih.gov/labs/pmc/>), to test drive updates which include a search bar to locate full text articles, reorganized and reformatted documentation, and modernized article display that optimizes the reader experience. The goal is to enhance our users' experience by creating a cohesive design between PMC and PubMed.

**Clinical Trials.gov:** We have also launched an effort to modernize ClinicalTrials.gov. The goal with this redesign is to deliver an improved user experience on an updated platform that will accommodate growth and enhance efficiency. We are working to ensure that clinical trial information is current, complete, and reliable, that all users can easily find and use information about clinical trials, and clinical trial information,

resources, and tools provide value to the research ecosystem. We expect to launch the beta version of the new site in parallel with the current ClinicalTrials.gov later this year.

**Comparative Genomics Resource (CGR):** To improve comparative genomic analyses and accelerate new discoveries, we are developing a new system to archive, annotate, and compare genomics-related data for eukaryotic organisms. This will support research to explore fundamental biological processes underpinning human health by providing the functionality to compare the genomic features of different organisms. We are very excited about the potential of this new product!

### Taking action

Although the COVID-19 pandemic has taken center stage over the past twenty months, I would also like to call your attention to key initiatives across the National Institutes of Health (NIH) that promote our efforts to bring health and hope to all people.

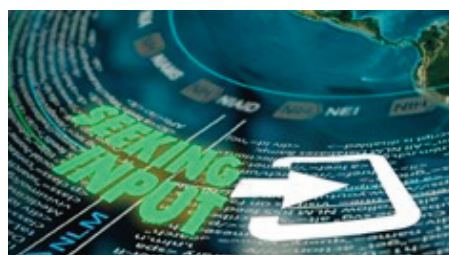
**The UNITE Initiative** was launched in March 2021 and provides a framework to identify, address, and combat factors that contribute to structural racism within the NIH-supported and the greater scientific community. This effort aims to incorporate the diverse perspectives and expertise that exist across NIH and the greater global research community. Each letter in UNITE represents a specific area for developing plans, resources, and accountabilities:



*UNITE Initiative*

- Understanding stakeholder experiences through listening and learning
- New research on health disparities, minority health, and health equity
- Improving the NIH culture and structure for equity, inclusion and excellence
- Transparency, communication, and accountability with our internal and external stakeholders
- Extramural research ecosystem: changing policy, culture and structure to promote workforce diversity

**Advance Research Project Agency for Health:** As demonstrated by the swift development of the COVID-19 vaccine, a new Division, Advance Research Project Agency for Health (ARPA-H), has been proposed for the NIH. ARPA-H aims to design break-through technologies, platforms, capabilities, and solutions that are transformative for medicine and health. ARPA-H would focus on time-limited projects with goals, benchmarks, and accountability to revolutionize how we prevent, treat, or cure a range of diseases, including cancer. Dr. Francis Collins, NIH Director, stated that ARPA-H would provide NIH with authorities that would allow us to be able to move even more quickly and to take more risks the way that DARPA has done for defense over the course of decades.



*Send us Your Feedback*

### Seeking Input

NLM, both as a national library and one of the 27 institutes that make up the National Institutes of Health, aims to work in partnership with our users and seek to keep you informed. I encourage you to stay up-to-date by subscribing to NLM's Technical Bulletin, or connect with us on our social media sites. We look forward to hearing from you, our library stakeholders, on what works and how can we improve our products? Use our customer service portal to provide feedback. We strive to make our products and services better and genuinely appreciate your feedback and support.