

NNLM Region 3 Update – <https://library.unthsc.edu/nnlmregion3>



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- ✚ **Katie Pierce-Farrier**, Data Science Strategist: Katie.Pierce-Farrier@unthsc.edu
- ✚ **Brandon Kennedy (as of October 1, 2022)**, Health Information Strategist: Brandon.Kennedy@unthsc.edu
- ✚ **Daniel Burgard, PI**: Daniel.Burgard@unthsc.edu

Contractors

- ❖ Alex Henigman – Data Reporting Technician
- ❖ Gabriel Couret – Podcast Producer
- ❖ Cathy Pepper – Health Bytes Recaps (Blog)

Regional Funding

- Professional Development up to \$2,000
- Virtual Professional Development up to \$500
- Training Outreach Awards up to \$2,500
- Exhibit Award up to \$2,000

NNLM Region 3 Class Catalog

Title	Instructor	Mode	# of CE
Beyond an Apple a Day	Jen	Moodle	4
Building Reference Skills for Nursing and Allied Health Research	Margie	Moodle	8
Health Statistics	Katie	Webinar	1
How PubMed Works: Introduction	Margie	Moodle	1.5
Providing Multilingual and Multicultural Health Information	Margie	Moodle	4
Wikipedia + Libraries	Margie, Jen	Moodle	8
RDM on-demand - Open Science and Data Science	Katie	On-demand	4
Making Sense of Numbers	Bailey	Webinar	1.5
Caring for the Mind	TBD	Webinar	1
How PubMed Works: Introduction	Margie	Webinar	1.5
Making the Most Out of your Grant Application	Jen, Margie	Webinar	2
Wikipedia Edit-a-thon	NNLM	Online	

NNLM R3 Award Winners

➤ Emerging Leader



Emerging Leader: Brenda Linares currently works at KUMC's A.R. Dykes Library as the School of Nursing librarian. She has been a medical librarian for more than 14 years. In her current job as a Health Sciences Librarian to the School of Nursing, she has help co-teach a Health Literacy class (NURS 327) with three other Nursing Faculty where they focus on the importance of evidence-based information, research, communication, and cultural humility. Throughout her career Brenda has initiated and executed several initiatives including multiple grants to support consumer health outreach with an emphasis on health equity, key leadership roles in the Medical Library Association, and collaborations in support of open educational resources. She is a Distinguished member of the Academy of Health Information Professionals (AHIP). She holds a BS in Finance from California State University Northridge (CSUN), a Masters in Library Science from University of California (UCLA), and a Masters in Business Administration from North Carolina State University (NCSU).



Mentor: Kelly R. Gonzalez, MSIS, MBA, is the Assistant Vice President for Library Services at the University of Texas Southwestern Medical Center Health Sciences Digital Library and Learning Center in Dallas, Texas. Serving in this role since 2014, nurturing a flexible, collaborative, and performance-oriented staff team. She represents the Library to campus committees, state governmental bodies, accrediting agencies, and academic, regional and national organizations and consortia. Monitoring and evaluating the strategic plan and supporting the Library activities on an ongoing basis. Kelly coaches the staff in developing and monitoring strategies to support the Library's strategic initiatives. Her tenure at UT Southwestern began in 2005 as the Manager of Digital Infrastructure Research & Development and then promoted to Deputy Director in 2008.

➤ Fall LIS Development Awardees



Drew Johnson, CHES is a Certified Health Educator and a graduate student at the University of North Texas, pursuing her M.S in Medical Informatics. She graduated Summa Cum Laude from Texas Woman's University in 2021 with a Bachelor of Science degree in Health. There, she conducted a needs assessment aimed at identifying trends in the access and use of culturally competent maternal healthcare resources. Currently, she works in pharmaceutical drug safety to promote accurate data insights and monitoring for adverse events pertaining to the NovaVax COVID-19 vaccine that was recently approved for use in the United States. In addition to this, she is currently conducting a research project aimed at identifying and examining areas within the medical documentation process prone to bias and misrepresentation, aimed at being published by June of 2023.



Jennifer Muse is currently a graduate student in the School of Library and Information Management (SLIM) at Emporia State University (KS) where she is following the program for the Concentration in Health Information Professionals. She previously earned a Masters of Science in Sport Management from Texas Tech University and has two Bachelor degrees in Recreation and Physical Education. When not working or studying, Jennifer enjoys travelling the world and has recently marked her 50th state off her list of places to visit.

NLM Updates

➤ Program Updates

❖ **NEW: NLM Traveling Exhibits Available Again!**

- Call for requests closes at **2pm ET on October 4th, 2022**. More details and program planning templates available here: <https://nnlm.gov/initiatives/traveling-exhibitions>
- Initial Title Selection Includes:
 - AIDS, Posters, and Stories of Global Health: A People's History of a Pandemic
 - Care and Custody: Past Responses to Mental Health
 - Making a World of Difference: Stories About Global Health
 - Opening Doors: Contemporary African American Academic Surgeons
 - Outside/Inside: Immigration, Migration, and Health Care in the United States
 - Renaissance Science, Magic, and Medicine in Harry Potter's World
 - This Lead is Killing Us: A History of Citizens Fighting Lead Poisoning in Their Communities
- Subscribe to the NLM Exhibits List for announcements: <https://list.nih.gov/cgi-bin/wa.exe?A0=MAKING-EXHIBITION-CONNECTIONS>

➤ Product News - Questions or Concerns? Visit: <https://support.nlm.nih.gov/>

❖ **NEW: NIH Comparative Genomics Resource (CGR)**

- Developed in 2021 as part of the NIH Science and Technology Research Infrastructure for Discovery, Experimentation, and Sustainability (STRIDES) Initiative.
- Serves as a **central connection point** and offers equal access to genomic data and tools for all eukaryotic research organisms, including those not represented by organisms-specific resources to increase their potential contributions to research
- Live webinars on these products on September 28th and October 5th – details here: <https://ncbiinsights.ncbi.nlm.nih.gov/ncbi-outreach-events/>

❖ **Drug Information Sources**

- **ChemIDplus** and the **Drug Information Portal** will be retired in December 2022.
- Learn more from the free, self-paced NNLM course, Drug and Chemical Information – On Demand: <https://nnlm.gov/training/class-catalog/drug-and-chemical-information-demand>

❖ **PubMed Updates**

- Since the last PubMed update provided at MLA in May, changes to PubMed have been focused on incremental improvements to usability and search.
 - The Display Options interface to show or hide abstract snippets in PubMed search results has been updated.
 - The error message that displays when a double-quoted phrase is not found in the PubMed phrase index has been updated to provide additional context and now includes a link to the PubMed User Guide with more information.
 - The Clinical Queries page also received some usability updates including a button to reset the page, and a “no results” message when the current search does not retrieve any results
 - **Initial articles (a, an, the, le, la, etc.) are no longer required for journal searches.** They will map automatically.

- PubMed is moving to an updated version of the E-utilities API. This launch was pushed back later this year from the initial June launch date to address feedback, finalize updates, and give users more time to prepare. The website and the API are run on two separate systems, so results don't always match up. The new API will be consistent and in sync, including in downstream applications that use the API such as DOCLINE or citation management software.
- Please see the NLM Technical Bulletin for more information about these and other updates to PubMed: <https://www.nlm.nih.gov/pubs/techbull>
- For teaching PubMed, you can also find the Pubmed's Trainer's Toolkit here: <https://www.nlm.nih.gov/oet/ed/pubmed/toolkit.html>

❖ MeSH

- Preview of the 2023 Medical Subject Headings (MeSH) vocabulary now available: <https://meshb-prev.nlm.nih.gov/>
- NLM hosted a listening session over the summer to discuss the role of community input in the development of MeSH. There is a need to align MeSH race and ethnicity terminology with the statistical standards set forth by the Office of Management and Budget (OMB).
- OMB is offering two ways for the public to share their perspectives and input on OMB's statistical standards for race and ethnicity. They include:
 - Soliciting public input on OMB's recommended proposal for revisions to Directive No. 15 through a Federal Register Notice. Please email Statistical_Directives@omb.eop.gov and request to join the mailing list if you want to know when a solicitation is issued.
 - Holding virtual, bi-monthly listening sessions to hear directly from members of the public. To schedule a listening session, please send a brief email expressing interest to Statistical_Directives@omb.eop.gov

❖ National Center for Data Services (NCDS)

- The NNLM Data Science curriculum aims to enable participants to engage in and advocate for data sharing and open science, develop data literacy skills and make use of tools for discovery and data use/reuse, while mindful of ethical considerations and informed about best practices.
- Curriculum: *Data Literacy*
 - **Data Carpentries Workshops**
 - Data and Accessibility mini-course (2023)
- Curriculum: *Data Management*
 - Fundamentals of Health Sciences Research Data Management (formerly RDM)
 - **NIH Data Management and Sharing Policy (DMSP)** –
 - In development: Webinars, boot camps, community discussions, toolkit
- **Subscribe to NCDS Bit by Bit:** <https://news.nnlm.gov/ncds>

❖ NNLM Training Office – Links

- NNLM Guides & Resources: <https://nnlm.gov/guides>
- MLA Specializations: <https://nnlm.gov/guides/specialization>
- NNLM Training Calendar: <https://nnlm.gov/training>

NNLM Current On-Demand Classes

	Date(s)	Summary
A Bird's Eye View of Health Data Standards - On Demand	On-demand through December 31, 2023	Understand the big picture of health data standards and how they are used, including relevant National Library of Medicine (NLM) products and services, in this 1 hour, on-demand, online class. Expect to spend 1 hour learning through videos and exercises. Platform/Location: Moodle
Assessing Health Materials On Demand	On-demand through April 18, 2025	Get an overview on assessing health materials, and learn how the National Library of Medicine uses a health education materials assessment tool to figure out if health education materials are easy-to-read in this 90 minute self-paced tutorial. Platform/Location: Moodle
CHIS On Demand	On-demand through April 30, 2026	5 independent 1-hour learning modules cover the basics of providing consumer health information in libraries and organizations. Earn up to 5 hours credit towards a Consumer Health Information Specialization. Platform/Location: Moodle
Common Data Elements: Standardizing Data Collection	On-demand through September 1, 2023	This online, self-paced course describes how librarians and other information professionals can facilitate data standardization and research data sharing using common data elements (CDEs). Platform/Location: Moodle
Consumer Health Collection Management - On Demand	On-demand through October 31, 2022	This 4 credit-hour, on-demand class reviews collection management principles and resources for health-related collections in public libraries. Platform/Location: Moodle
Data Management Sharing Policy Webinars (DMSP) On Demand	On-demand through July 21, 2023	This on-demand online class contains 5 webinars introducing the basics of data management and the new NIH requirements for data management and sharing that will be in place beginning in 2023. Platform/Location: Moodle
Drug and Chemical Information - On Demand	On-demand through June 30, 2023	Earn up to 6 hours of CE credit in this on-demand class. Learn about NLM resources that provide drug and chemical information for consumers and healthcare professionals, from interactions to adverse effects to clinical trial results. While you work through interactive hands-on scenarios, you'll learn about the drug and chemical information-seeking habits of your patrons, helpful reference interview questions to ask, and how to efficiently navigate this unique information landscape. Platform/Location: Moodle

NNLM Region 3 Outreach Advisory Board

Name	Title	Organization
Celeste Bleu	Assistant Manager, Adult Programs	Harris County Public Library
Ana Cleveland	Director, Health Informatics Program	UNT- Department of Information Science
Kiara Comfort	Assistant Professor / Community Outreach and Health Information Systems Librarian	University of Nebraska Medical Center
Sarah Dauterive	Web Technologies Librarian	AgriSafe
Stephanie Gafford	Health Sciences Informationist, Library Promotions & Digital Engagement Coordinator	University of Arkansas for Medical Sciences - Library
Leslie Gelders	Literacy Director	Oklahoma Department of Libraries
Linda London	Librarian IV	Oklahoma State University Center for Health Sciences - Medical Library
Taira Meadowcroft	Information Services Librarian	University of Missouri - Columbia - Ellis Library
Pat Morris	Coordinator of Community Outreach and Fund Development	Mercy Hospital Fort Smith
Kate Nolt	Assistant Professor of Public Health & Health Care Management	Creighton University School of Medicine
Carol Perryman	Associate Professor	Texas Woman's University, School of Library and Information Studies
Natalie Roy	Executive Director	AgriSafe
Tish Rush	Health Equity and SDOH Coordinator	Missouri Primary Care Association
Kitty Serling	Health Sciences Librarian	Carl R. Ferris Health Sciences Library/ Research Medical Center
Kristy Steigerwalt	Head of Clinical Support	University of Missouri-Kansas City - University Libraries
Emily Vardell	Assistant Professor	Emporia State University

Consumers	Healthcare Providers	Information Professionals	Researchers
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Open-i

Description: Open-i allows users to search and retrieve over 3.7 million abstracts and images (including charts, graphs, clinical images, etc.) from the open-source literature, and biomedical image collections. Users can search

using images or text. Open-i contains images from about 1.2 million PubMed Central articles; 7,470 chest x-rays with 3,955 radiology reports; 67,517 images from NLM History of Medicine collection; and 2,064 orthopedic illustrations.

Consumers	Healthcare Providers	Information Professionals	Researchers
<ul style="list-style-type: none"> • Most images are linked to MedlinePlus articles for consumer information. • Many of the images are openly licensed and can be reused for other content. 	<ul style="list-style-type: none"> • Compare medical images. • Find images depicting new medical procedures, imaging techniques, and find the associated research articles. 	<ul style="list-style-type: none"> • Search Open-i using other images. • Find images associated with research articles. • Guide users on copyright and licensing terms for images. 	<ul style="list-style-type: none"> • Download various image collections to use for research and data mining. • Find images associated with research articles and various health conditions.

Key Points:

1. Find medical images connected with published articles and research or teaching collections.
2. Search filter options allow users to narrow results by type of image, source, medical specialty, or licensing.

Potential Predicaments:

- The images have varying copyright and licensing terms. Review each image carefully for information about how and if the image can be reused.
- Links to MedlinePlus are provided, but the site is mainly for healthcare professionals and researchers.
- The site contains graphic medical images of cadavers and living patients, so audiences may need to be warned.

Teaching Examples:

1. Find an ultrasound image of fatty liver disease on Google. Use that image to find similar scans on Open-i.
2. Use the advanced search to find Orthopedic Surgical Anatomy Teaching Collection. Look at the licensing terms to see if and how the image can be reused.

Real Life Examples:

1. A researcher downloads openly licensed images of chest x-rays to teach an AI or machine learning how to identify medical conditions.
2. A clinician looks up images for a new surgical technique, finds associated article on PubMed and searches for related or similar articles.

Commercial Equivalents and Other Resources:

There are several commercial educational tools such as AccessMedicine Multimedia, ClinicalKey Multimedia. Other libraries and professional associations may have collections of medical images both copyrighted and openly licensed.