## Program Planning

* Due to ongoing remote work and institutional travel restrictions in Ohio, the OHSLA Executive Committee had always planned for the Fall 2020 program to be virtual.
* The choice of program was the result of feedback from the Spring 2020 meeting.
  + Several attendees expressed interest in more detailed and advanced PubMed training.
* As of July and August, neither the GMR nor the Network of the National Library of Medicine Training Office (NTO) had an advanced PubMed course ready to offer, but it was within the purview of the NNLM / NTO.
* NTO Training Development Specialist Rebecca Brown, MLS, AHIP and the NTO PubMed Working Group agreed to develop an advanced PubMed course for OHSLA and asked us to rank the topics we most wanted to learn.

## PubMed Tips for Expert Searchers (NNLM CE Course)

* As part of its mission, NTO (NNLM) developed the “PubMed Tips for Expert Searchers” course, got it approved for 2 MLA CE credits, and hosted both the course registration and the course itself on its platforms free of charge.
  + Because NNLM hosted, the course had to be available to the public, not just to OHSLA members.
    - NNLM advertised the course nationally, and OHSLA advertised the course to Midwest Chapter MLA and ALAO members.
  + Although NNLM retained control of the course, they gave OHSLA members credit for their role in helping to delineate course objectives: “The Objectives for this class were identified with input from the Ohio Health Sciences Library Association (OHSLA).”
  + After the course reached 250 registrants, Rebecca closed the course to new registrations on the NNLM web site but indicated she would any OHSLA members who missed the online registration period and still wanted to attend.
  + By the time the course started on Fri., Nov. 6, approximately 180 participants were present from throughout the United States and beyond.
  + NNLM emailed registrants the Webex link for the course and the course was held on Friday, November 6, from 10:00 am – noon.
    - [Rebecca Brown](https://nnlm.gov/user/202) taught the course.
    - [Kate Majewski](https://nnlm.gov/users/katherine-majewski) (Librarian, NLM Office of Engagement and Training) and [Allie McDougall](https://nnlm.gov/users/allison-mcdougall) (Project Manager, Office of Engagement and Training) staffed the chat and assisted with questions.

Based on OHSLA input, the objectives addressed in the course were as follows (source: NNLM [PubMed Tips for Expert Searchers course page](https://nnlm.gov/classes/advanced-pubmed)):

1. Explain the content of the PubMed database (MEDLINE, PMC, Bookshelf) and how this relates to MeSH indexing.
2. Explain how to build a search using the Advanced Search builder
3. Apply data policies while field searching
4. Construct a search strategy to narrow results to human-related studies
5. Identify useful subheadings techniques
6. Employ free-floated subheadings in a search
7. Employ pharmacological actions to include drug groups in your search

## Fall 2020 OHSLA Member Survey

* NNLM’s hosting both the course registration and the webinar itself saved OHSLA the time and the expense of getting the course approved for MLA CE credit and obtaining its own webinar platform, but it also prevented OHSLA from being able to collect complete and accurate data about how many of our members participated and what they thought of the course.
* Participants appeared to find the course engaging and useful, based on the very active chat questions and discussions during the class. However, NNLM could not share registrants’ identities or the course evaluations gathered through its government web site.
* The President Elect / Program Chair in consultation with the Executive Committee, drafted a brief OHSLA member survey to gather feedback about future programming and the PubMed CE course.
* The survey link was sent to the GMR-OHSLA listserv immediately after the Nov. 13 CE and 2 additional reminders were sent the following week.
  + Members were encouraged to respond to the survey even if they did not attend the PubMed Tips for Expert Searchers CE course

## PubMed Course Evaluations

* As November 12, 2020, 22 total responses to the survey were received.
* Ratings for the course were very high, with none of the elements being ranked lower than 7 (scale: 1 = poor, 10 = outstanding)
  + Content and Information: 18 responses: lowest = 8; highest = 10; mean = 9.3
  + Clarity: 18 responses: lowest = 7.1; highest = 10; mean = 9.06
  + Expertise of Presenter: 18 responses: lowest = 8.1, highest = 10; mean = 9.48
  + Handouts / Course Materials: 16 responses: lowest = 7; highest = 10; mean = 8.53
  + Format Appropriate to Content: 17 responses: lowest = 7.9; highest = 10; mean = 9.42
* Comments:
  + “It brought back a lot that I learned in library school!”
  + “Covered many common problems and the larger audience of experience librarians contributed to questions less likely covered in smaller classes.”
  + “I think I finally understand pharmacological action and free-floating subheadings!”
  + “Thorough and well done. We could almost make this a series.”
  + “It met my expectations. I learned a new thing or two.”
  + “Rebecca Brown did an excellent job.”
  + “I expected to know some of the material, but I learned several new and important functions that should improve my search results. Overall I have a better understanding of the new PubMed.”
  + “The presenter hit on some subjects that I was unclear about- like supplemental concepts and Pharmacological actions.”
  + “Based on the information given to the instructor about what OHSLA members wanted to hear, I think she did a great job and did meet my expectations.”
  + “I was unaware that two computers were needed (one for the slide portion and one for exercises). That would have been helpful. I also didn't receive any links for the handouts. I have no idea where they are since they are not uploaded on the OHSLA website.”
  + “It was very good! I was still a little unclear about auto-mapping of subheadings and best practices for using them as well as supplemental concepts.”
  + “It was excellent. I learned so much more than I ever thought possible in just a short amount of time.”

## Future Programming Suggestions

* Online learning tools, and interactive/video creation tools
* Resources and/or tips for hosting virtual meetings
* Innovative librarian roles - how those work, how they can be developed, where do they get training to do these kinds of roles
* Resume help
* Correction of Health Misinformation on Social Media Kelsey Cowles, MLIS, Academic Coordinator; Margie Sheppard, MLS, Technology Coordinator – Kansas; Liz Waltman, MLIS, Outreach, Education and Communications Coordinator
* Text mining tools for systematic reviews
* Role of medical librarian in quality improvement projects
* Tips for searching other databases: Discovery and CINAHL
* EBP, critical appraisal
* COVID-19 research update
* Covid-19 Information sources, vaccination, treatment, latest information, consumer health information, how to combat disinformation, etc.

## Budget

Because NNLM presented and hosted the course, OHSLA incurred no honorarium or webinar hosting costs.

## Access to Course Materials

The [NNLM PubMed Tips for Expert Searchers](https://nnlm.gov/classes/advanced-pubmed) page provides links to the course handout and the PowerPoint slides. This link is now also posted on the [OHSLA Events](http://ohsla.info/events) page. The link to the class recording will be posted as soon as it is available.