Courses for Graduate Schools: GHS and GCB

Systematic literature searching for health and biomedical scientists: clinical databases

Zayne M. Roa Díaz. RN, MSc, PhD. information specialist, University of Bern Medical Library

Course description:

This comprehensive training course will provide to participants a ''systematic'' approach to conducting biomedical literature searches, addressing the complexities of developing robust search strategies. The course will delve into advanced search functions within Medline (via Ovid), empowering participants to use controlled vocabulary from the MeSH database, optimize the use of text words, and utilize database-specific search syntax. Furthermore, participants will gain insights into text mining techniques and the integration of multiple tools for search strategy design.

Through practical exercises, examples, and instructions tailored to their own topics, participants will learn techniques for structuring searches and effectively replicating them across various bibliographic databases such as Medline, Embase, and Web of Science. By the end of the course, participants will enhance their search skills and gain proficiency in documenting and publishing systematic searches. This knowledge will be valuable for dissertations, evidence synthesis projects, and scientific publications.

Students will be required to document and submit their individual exercises, within one week after course conclusion. The tutor will assess submissions for completeness and officially register the successful completion of the course.

Trainer:	Zayne M. Roa Díaz. RN, MSc, PhD. information specialist, University of Bern Medical Library
Target Group :	Graduate students from GHS and GCB
Language:	English
Number of Participants:	20
Requirements :	Laptop
Date:	Tuesday and Wednesday, October 22nd and 23th, 2024 13h – 17 h
Location:	Universität Bern, Mittelstrasse 43, 3012 Bern, Room 220 (22.10.2024); Room 228 (23.10.2024)
ECTS:	0.5