Searching as Information Literacy: Unpacking the ACRL Frame of Searching As Strategic Exploration
Student Exercise

Learning Objectives:

At the end of this exercise, you will be able to:

➢ Identify relevant search tools (databases, resources) related to the field of health librarianship, science & engineering and digital literacy
➢ Construct strategic searches using controlled vocabularies (ie. MeSH terms), as well as free-text searches and boolean operators
➢ Identify appropriate keywords and concepts as an effective search strategy
➢ Understand relevant sources related to the field of Health Sciences and Engineering

Part A: Instructions

A.	*Listen to the Podcast*	*Resource: Podcast* https://soundcloud.com/somesoundsbylina/searching-as-information Listen to the podcast where we interview three University of Ottawa librarians: Episode 1: Selecting appropriate and relevant search terms *Librarian*: Lindsey Sikora (Health Science Research Liaison Librarian) Episode 2: Thinking outside the box *Librarian:* Mish Boutet (Digital Literacy Librarian) Episode 3: Rethinking the value of Google *Librarian:* Evan Sterling (Science and Engineering Librarian). 💡 *Listen closely to the search challenge and strategies each librarian discusses. E.g., relevant databases, search engines, concepts and keywords.*
B.	*Reflect and*	*Material: Google Form (link in chart, Part B: Search Challenge)*

Respond to the Questions *Responses may be incorporated into our final blog post published on **April 14th**.*	Respond to the questions corresponding to <u>***one***</u> of the three episodes in **Part B** using the Google form in the chart below.	

Part B: Search challenge

Once you have listened to the full podcast, which consists of three interviews (episodes), please respond to <mark>**ONE**</mark> episode's related exercises (refer to the chart below for an overview of the exercise and link to a Google form).

The objective is to provide an opportunity to further develop your information literacy skills as they relate to the ACRL frame "Searching as Strategic Exploration."

Podcast Episode	Search Challenge	Discipline related to this challenge
Selecting appropriate and relevant search terms *with Lindsey Sikora*	Imagine that you are a Health Sciences research librarian or a medical student asking for help finding credible sources and information on a topic. In this exercise, you have the opportunity to practice creating search strings using a controlled vocabulary: MeSH. Don't let this task scare you; Lindsey walks you through each and every step! Click on the form found **here** to respond to this exercise	Health Sciences
Thinking outside the box *with Mish Boutet*	Mish discusses the non-linear nature of searching, as well as the value of linguistics to help us create keywords and concepts. He also describes the sometimes "out of the box" thinking you need to use to find the most relevant sources. In this exercise, you are tasked with the challenge of locating information on a critical and recent global issue: the COVID-19 pandemic. Click on the form found **here** to respond to this exercise	Health Sciences
Rethinking the value of Google *with Evan Sterling*	For this challenge, you are asked to rethink the value of Google for searches in certain fields. Listen closely to Evan's discussion of divergent thinking, grey literature and Google.	Engineering

Now, imagine you are UO's Engineering Librarian, and a student in the Master of Engineering Management program needs your help finding information related to their "client" project. Let's put Evan's tips to use as you take on this challenge.

Click on the form found **here** to respond to this exercise