

SciFinder Scholar Skill Module
Skill: Learn how to use Scifinder Scholar

As a scientist, there are many questions that can come up while conducting your research. Has this even been done before? Is benzyl bromide a known compound and can I buy it? How can I make it? What genes express resistance to penicillin? Who wrote that paper on mitochondrial NADH fluorescence? Your question can be very general or very specific and fortunately for you, it may not require spending an entire day at the library to find the answer. A great search engine has been developed so you have access to all these things right at your fingertips. Scifinder scholar is available in the Mallet Chemistry library, on the computers in the Welch Hallcomputer lab, and you can also download a version to your laptop. You can access the service as long as you are on the University network (it is a subscription service).

Assignment: Attend the Scifinder scholar introduction and workshop to learn the basics of how to navigate through the search engine. Spend some time researching a topic of interest and write 1-2 pages about it. Furthermore, explain/describe a project that you envision would further research in this area.

Also turn in with your writeup- (a Scifinder “basics” test)

- 1.) What is the title of the article with the following reference? Milstein, David. *Science* **2007**, 317(5839), 790.
- 2.) Print off first page Dr. David A. Laude’s first publication!
- 3.) Provide the reference for the most recent review (in an American journal) on glycobiology. (*hint* name of the journal contains “research”).
- 4.) Is caffeine a commercially available substance, and if so, can I buy it from Acros (a common chemical supplier, who you will most likely be ordering chemicals from one day!)? What is its CAS number (registry number)? What is its structure?