

## **The use of PowerPoint to teach students to use information resources in chemical engineering**

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Over the past 15 years PowerPoint has become a popular presentation program used in academia and business. Composing an effective presentation using the capabilities and features of this program is a challenge. There is no absolute right or wrong way to compose a compelling lecture. The presenter should use it as an outline of the lecture. Public speaking skills are also important. The file should be made available to students for consultation after the class.

In my lecture I will show the 4 PowerPoint files that I use to help students in chemistry and chemical engineering learn to effectively recognize and use information resources to support research and coursework at NJIT:

1. Introduction to the Print and Electronic Literature of the Field
2. How to Find Physical Property Data of Chemical Substances
3. Chemical Abstracts and Scifinder Scholar
4. Scopus and other databases of interest

I will explain my thought processes on how I composed each presentation. It is my hope that students will retain and hone their information gathering skill as they progress through the curriculum at NJIT and eventually move on to industry or another academic program.