

# FREE Online Course

## Mastering the Chemical Information: Find the Needle in the Haystack

### Duration

October-December  
1 Session Every 2  
Weeks

### Meeting Time

Saturdays  
16:00-17:00

### Location

B.P. Hasdeu Library

### To Whom it is Addressed

Students majoring in:

- ❖ Chemistry
- ❖ Chemical Engineering
- ❖ Pharmacy
- ❖ Biochemistry
- ❖ Molecular Biology
- ❖ Materials Science/Physics

### Start Date

October 1, 2016

### ➤ You Will Learn to:

- Efficiently locate chemical and physical properties of substances, including spectra.
- Obtain information on a substance through a variety of searching strategies.
- Complete a comprehensive subject search.
- Locate recent findings on a topic of interest.
- Use a bibliographic program to organize information and prepare a scientific paper or thesis.

### ➤ Course Highlights:

- Structure of Chemical Information. Primary, Secondary and Tertiary Sources. Citations and Citation Managers.
- Abstracting and Indexing Resources: SciFinder and Free Public Databases.
- Formulating an Effective Search Strategy: Searching by Text, Structure, and Citations.
- Keeping Track of Current Events: the Nobel Prize, Patents and "Hot" Papers.
- Databases of Information: Structure and Sequence Databases. Spectral and Thermodynamic Properties Resources.
- The Publication Process: Peer Review, Open Access, Intellectual Property.

### ➤ How to Apply:

- Send your CV and a Letter of Intention\* to [moldovaaid@gmail.com](mailto:moldovaaid@gmail.com) by **September 24, 2016**.
- You will be notified by **September 28** if you are selected.

**Course Instructor:** Artur Sargun, PhD Student in the Department of Chemistry, Carnegie Mellon University, Pittsburgh, Pennsylvania, USA

\*Additional information can be found on Moldova AID and B. P. Hasdeu Library webpages: [www.moldovaaid.wordpress.com](http://www.moldovaaid.wordpress.com) and [www.hasdeu.md](http://www.hasdeu.md).