

University of the Chinese Academy of Sciences  
*Scientific Authoring in Chemistry*

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Professor: Dr. Rainer Glaser  
Email: [glaserr@missouri.edu](mailto:glaserr@missouri.edu)  
Home Page: <http://faculty.missouri.edu/~glaserr>  
Lectures: June 17-21, 2013, 1:00-4:40 pm  
Office Hours: June 17-21, 2013, 4:40-5:00 pm and by appointment  
Course Web Site: <http://faculty.missouri.edu/~glaserr/UCAS2013b.html>

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Course Objectives: Selecting a journal: Where to publish; Types of scientific journals. Writing a paper: Planning, preparation and submission. Understanding peer review: Reviewing and being reviewed; Peer review ethics. Dealing with peer review: Responding to reviewers and submission of revision. Responsible Authorship: Plagiarism, peer review ethics cases, and scientific misconduct.

Word Processing & IT Access: This is a lecture course and no assignments are made. However, to enhance the course “hands-on” assignment experiences are simulated using actual student assignments. Students are encouraged to work the assignments on their own or in small groups outside of class. The writing assignments employ MS Office and ChemOffice and require access to online services including SciFinder, SDBS, and PDB database.

**Course Materials**

- (1) All course materials are posted on the course web site.
- (2) **REQUIRED.** *From Research to Manuscript: A Guide to Scientific Writing*. 2/e. Michael J. Katz. Springer: New York, **2009**. (\$27.28; Amazon, accessed 01/09/13.)
- (3) **REQUIRED.** *The ACS Style Guide: Effective Communication of Scientific Information*. Anne M. Coghill and Lorrin R. Garson. American Chemical Society: Washington, D.C., **2006**. (\$41.06; Amazon, accessed 01/09/13.)
- (4) **RECOMMENDED REFERENCE.** *Write Like a Chemist: A Guide and Resource*. Marin S. Robinson, Fredricka L. Stoller, Molly Costanza-Robinson, and James K. Jones. Oxford University Press, USA: New York, **2008**. (Paperback: \$37.67; Hardcover: \$125.00 Amazon, accessed 01/09/13.)
- (5) **RECOMMENDED REFERENCE.** *Scientific Writing and Communication: Papers, Proposals, and Presentations*. Angelika H. Hofmann. Oxford University Press, USA: New York, **2009**. (Paperback: \$24.38; Amazon, accessed 01/09/13.)
- (6) **RECOMMENDED REFERENCE.** *Understanding Research Methods*. 8/e. Mildred L. Patten. Pyrczak Publishing: Glendale, CA, **2012**. (Hardcover: \$65.10; Amazon, accessed 05/01/13.)