



Archived Information

American Chemical Society: Building a Research Base

The American Chemical Society (ACS) is a leading provider of information on chemical education research.

The **Journal of Chemical Education** is a monthly publication for chemical educators from the ACS **Division of Chemical Education, Inc.** This journal contains lab experiments, demonstrations, the latest information on teaching methods and curricula and reports on chemical education research. Over 4800 ACS members belong to the Division of Chemical Education, Inc. These members teach chemistry in high schools, colleges, and universities. The Division membership also includes chemical professionals in industry, government, etc. who have a particular interest in chemical education.

The American Chemical Society's **Examinations Institute**, which is operated by the Division of Chemical Education, Inc., focuses on every aspect of chemistry assessment. Paper-and-pencil tests for end-of-course use and for placement examinations are important parts of the program. The Institute also sponsors the development of new types of tests. These include, for example, both a conceptual exam and a laboratory safety exam released in 1996. [Test-item banks](#) for high school chemistry and for general chemistry are provided for teachers who seek high quality questions to use on their classroom tests. [Small-scale laboratory assessment](#) materials are now available from the Examinations Institute. The Institute also publishes a booklet, *Writing Tests and Interpreting Test Statistics*, as well as analyzing statistical data for chemistry teachers.

The **Biennial Conference on Chemical Education** is the premier opportunity for teachers of chemistry to share new ideas, strategies, and techniques for involving students in active learning and for teachers to get up-to-date on current chemistry education research. The programs typically offer something for middle school science teachers, secondary school chemistry teachers, and college chemistry instructors.

