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Science Notes - ICE Offers Science Workshops for Teachers

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ICE Offers Science Workshops for Teachers

Teachers and supervisors from kindergarten through college are eligible to take part in three different programs that will be offered in 1991 by the Institute for Chemical Education (ICE).

The two-week workshop *Chemistry Activities* is open to those who wish to learn hands-on science activities to share with elementary and middle school teachers and students. College instructors may apply to ICE for small grants to attend the workshop and initiate similar programs locally. The workshop will be held June 16-28 (Colorado), June 30-July 12 (Ohio) and July 14-26 (Wisconsin).

Chemistry Fundamentals is a four-week workshop that allows physical science teachers (grades 6-9) who have limited training in chemistry to investigate in depth those topics commonly covered at the middle school level and to explore demonstrations, laboratories and problem-solving techniques. High school sessions will be June 23-July 19 (California and Washington, DC). Middle school sessions will be June 23-July 19 (Wisconsin) and June 30-July 26 (Colorado).

Chemistry Instrumentation is a two- or three-week workshop in which experienced high school chemistry teachers will work with modern chemical instruments, study the theory of their operation, learn about cutting-edge research involving the equipment and build low-cost models to take back to school. Workshop dates are June 16-28 (Arizona), June 30-July 19 (California) and July 7-19 (Wisconsin).

ICE's workshops are funded primarily by the National Science Foundation. Workshops will be offered for college credit at Catholic University of America (Washington, DC), Miami University (Oxford, OH) and the Universities of Wisconsin-Madison, Arizona (Tucson), California-Berkeley and Northern Colorado (Greeley). The programs are residential and most sessions are open to educators from throughout the United States. Members of ethnic minority groups and teachers of minority students are encouraged to apply. ICE will pay fees, expenses and stipends for workshop participants.

Application must be postmarked by March 4, 1991. Information sheets and application forms will be available in early January. Contact Roger Packard, Program Manager, Institute for Chemical Education, Department of Chemistry, University of Wisconsin-Madison, 1101 University Avenue, Madison, WI 53706-1396, ph. (608) 262-3033.

--S.A.A.