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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 invited to take part in programs that will be offered by the Institute for Chemical Education (ICE).

The two-week Super Science Connections workshop will integrate physical science with the objectives of a K-3 curriculum. Hands-on science activities are tied into art projects, writing skills and children's literature. Interested K-3 teachers will also participate in expanding the "Super Science Connections" publications.

Chemistry Activities (two weeks) 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.

Chemistry Fundamentals is a four-week program 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.

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.

ICE's workshops are funded primarily by the National Science Foundation. Workshops will be offered for college credit at Catholic University of America (Washington, D.C.), Miami University (Oxford, Ohio), Mount San Antonio College (Walnut, California), Sacred Heart University (Fairfield, Connecticut) and the Universities of Wisconsin-Madison, Arizona (Tucson), California-Berkeley, and Northern Colorado (Greeley). Most of the programs are residential, and most sessions are open to educators from throughout the United States. Members of ethnic minorities and teachers of minority students are encouraged to apply. ICE will pay fees, expenses and stipends for workshop participants.

For more information and an application form (available January 1994), write to: Institute for Chemical Education, Department of Chemistry, University of Wisconsin-Madison, 1101 University Avenue, Madison, WI 53706-1396.