of Minnesota, equipment for demonstrating the spark chamber by R. M. Sachs of Columbia University, a versatile nuclear coincidence apparatus by E. John Winhold of Rensselaer Polytechnic Institute, and interference studies with the optical maser by R. E. Hopkins and M. P. Givens of the University of Rochester.

October 8 is the application deadline for approximately 150 senior postdoctoral and 350 science faculty fellowships offered by the National Science Foundation. Applicants for senior postdoctoral fellowships must have held the doctoral degree for at least five years or have equivalent education and experience. Science faculty fellowships are open to holders of a baccalaureate degree or its equivalent who have taught full-time at the college level for not less than three years and intend to continue teaching. Stipends in both cases will be computed on a salary-matching basis, and fellows may engage in study or research at any appropriate nonprofit US or foreign institution.

Applications for the Foundation's cooperative graduate fellowships must be submitted by November 1, and the deadline for NSF summer fellowships for graduate teaching assistants is December 7. Applicants for both of these fellowships must apply through one of the institutions participating in the program for evaluation by local faculty committees. All applications are then forwarded to NSF. A cooperative graduate fellow will receive a $2400 stipend for a full year or $1800 for the academic year. His institution may increase this amount by as much as $1000 for a full year or $750 for nine months. A fellow in the graduate teaching assistants program for the summer will receive between $50 and $85 per week, and the NSF will pay tuition and fees.

Application materials and information concerning participating institutions can be obtained from the Fellowships Section, Division of Scientific Personnel and Education, National Science Foundation, Washington 25, D. C.

ORINS Training Course

A two-week course in neutron-activation analysis, intended for those who have already done some work involving radioisotope techniques, will be offered by the Special Training Division of the Oak Ridge Institute of Nuclear Studies from September 24 to October 5. It will include lectures and laboratory work dealing with such topics as gamma spectroscopy, multichannel analyzers, neutron sources, computer applications, and radiochemical separations. The Division's new neutron generator, a source capable of producing 10^{10} neutrons per second, will be available for experiments in flux determination, the use of fast or slow neutrons, and analyses of the spectra of extremely short-lived radioisotopes. Further information can be obtained by writing to Dr. Ralph T. Overman, Chairman, Special Training Division, Oak Ridge Institute of Nuclear Studies, P. O. Box 117, Oak Ridge, Tenn.