benefit to the job seeker, but the employers also recommended that the mart be repeated since there is now no continuing local mechanism by which they can fill employment vacancies. In California, employment agencies charge placement fees up to one-half of the first month's salary. In many cases, the employer pays the fee, but this has not protected him against rapid turnover in low-paying jobs. State and private employment agencies and the university placement services offer partial solutions. For the small industrial employer with a local job that suddenly becomes vacant, for the job candidate who cannot attend the national meetings, for the graduate of a small college, or for the newcomer without a car in a region where the jobs may be 60 miles apart, for all of these, the establishment of a regional employment center by the specialty organizations or honorary scientific societies would help to solve a problem that threatens to get worse before it gets better.

NAOMI F. GOLDSMITH
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280 West MacArthur Boulevard,
Oakland, California 94611

Reference

1. F. S. Endicott, *Trends in Employment of College and University Graduates in Business and Industry* (Professional Development Committee, American Society for Personnel Administration, Berea, Ohio, 1968).

Courses

Electron Microscopy in the Biological Sciences, Boston, Mass., 14–26 June 1970 and 18–29 January 1971. An intensive program in the preparation of biological materials as electron microscope specimens, electron microscopy, and interpretation of the results. Designed for doctoral-level investigators who wish to use the electron microscope in their research, but who have little or no experience in the field. Advanced graduate students will be considered. Limited to 12 students. (Prof. Clifford F. Youse, Center for Continuing Education, Northeastern University, 360 Huntington Ave., Boston, Mass. 02115)

Drug Problems, Portland, Ore., 17–21 Aug. Fundamental aspects of drug problems will be reviewed and will include the historical, socio-cultural, medical, and economic aspects of the drug problem. Interdisciplinary sessions will stimulate exchange and exploration of information and techniques between interest groups concerning drugs and drug-related problems. Group sessions will provide an opportunity for individuals with special interests, backgrounds, and/or professional training to discuss drug use, misuse, and abuse as it pertains to their career activities. Credit is offered. *Fee*: $55. (Registration Service, Western Institute of Drug

Problems, 603 Henry Building, Portland, Ore. 97204)

Contemporary Optics, Rochester, N.Y., 27 July–7 Aug. A course on the background to and the activities in contemporary optics, and divided into four major areas: Fourier optics, quantum optics, geometrical optics, and optical physics. *Tuition*: $500 before 15 June, $550 if received later. (Institute of Optics, University of Rochester, Rochester, N.Y. 14627)

Low-Energy Electron Diffraction, Brooklyn, N.Y., 15–19 June. This is a course in the techniques and interpretation of low-energy electron diffraction and related techniques. Emphasis is placed on the fundamental problems of electrons in solids, and the recent developments in LEED theory. Lecture topics include measurements of surface sensitive parameters —work function, optical reflectivity, photoelectric and secondary electron spectroscopy; absorption, epitaxy, and surface chemistry; low-energy electron diffraction —kinematical and dynamical diffraction theory. Registration limited to 20. *Tuition*: $250 plus $50 laboratory fee waived for university faculty. (Prof. Richard M. Stern, Dept. of Physics, Polytechnic Institute of Brooklyn, 333 Jay St., Brooklyn, N.Y. 11201)

Liquid Scintillation Counting for Radioisotope Measurement, San Francisco, Calif., 5–6 July. This course in liquid scintillation counting is designed to introduce to the research scientist the technique of radioactivity measurement using liquid scintillation systems. Various theoretical and practical aspects of this counting technique and its uses and applications in research will be treated. The course will combine lectures, demonstrations, laboratory experimentation, and problem-solving discussions. Advance registration only. *Tuition*: $25. (C. T. Peng, School of Pharmacy, University of California, San Francisco 94122)

Control Engineering, New York, N.Y., 15–18 June. This course will provide mechanical, aero-systems, chemical, electrical, and other engineers working in the automatic control field with an up-to-date broad coverage of control theory and computer capability. Emphasis will be on the practical applications in engineering systems of recent developments in control theory. Topics include formulation of linear systems and computer solution of state equation, discrete-time system and direct digital control, nonlinear system and adaptive control, optimal feedback control and optimum filtering technique, logic control system. (Prof. Henry Lipman, Applied Science and Technology Institute, 1 Fifth Avenue, New York 10003)

Electron Microscopy in Biological Applications, Boston, Mass., 9–21 August. An intensive program in the preparation of biological materials with emphasis on specimen preparation and thin sectioning, designed for predoctoral students and laboratory assistants who need to use the electron microscope in their field of research. Terminal degreed candidates will be considered. Limited to 12 students. (Prof. Clifford Youse, Center for Continuing Education, Northeastern University 360 Huntington Ave., Boston, Mass., 02115)

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