by (i) curriculum vitae, (ii) current research and teaching activities, (iii) reasons for wanting to enroll in the course, and (iv) background in immunology. Fee: \$100; per diem costs at the college are approximately \$10. (Dr. David M. Talmage, University of Colorado Medical Center. Denver 80220)

Electron Microscopy in the Biological Sciences, Boston, Mass., 19–31 January. Tenth session and intensive program in the preparation of biological materials as electron microscope specimens, electron microscopy and interpretation of 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 Youse, Center for Continuing Education, Northeastern University, 360 Huntington Ave., Boston 02115. Telephone 617-427-3850.)

Vacuum Techniques-Theary and Practice, Hopatcong, N.J., 20-22 January. The course will emphasize generation, measurement, and use of high vacuum in research and development and industrial processes. Included in the lecture topics will be pertinent equations of the kinetic theory of gases, flow of gases through orifices and tubes, gassing and degassing of surfaces, measurement to total and partial pressures, leak detection, pumps and pumping calculations, vacuum hardware (except pumps), materials used in vacuum, their joining and cleaning, and examples of typical vacuum systems. Fee: \$155. (Dr. Saul Gordon, Center for Professional Advancement, P.O. Box 66, Hopatcong, N.J.)

Modern Methods of Numerical Analysis, Berkeley, Calif., 8-16 March. The course will cover computer techniques in the area of approximation methods for the solution of scientific problems. It will include an introduction to the theoretical framework of approximation methods, examples of practical applications, numerical procedures, a description of some of the difficulties that may arise and advice on how to recognize and deal with them. Fee: \$275. (Mr. Marvin Chachere, University of California Extension, 2223 Fulton St., Berkeley 94720)

Physics of Quantum Electronics, Flagstaff, Ariz., 16–27 June. The course will cover atomic coherence effects (light scattering, self-induced transparency, theory of the laser), nonlinear optical phenomena (pico-second pulses, parametric optics), and statistical properties of radiation. (Prof. Stephen F. Jacobs, University of Arizona, Tucson 85721)

Ocean Engineering-Minerals and Petroleum, Washington, D.C., 24-28 February. This course is designed for engineers, scientists, and managers who are presently, or expect to be, in the business of extracting minerals, petroleum, or natural gas from the ocean floor. The course will cover methods, problems, economics, legal factors, developing technology, and trends. The course was prepared in coordination with the Department of the Interior. (Jack E. Mansfield, Coordinator of Continuing Engineering Education, School of Engineering and Applied Science, George Washington University, Washington, D.C. 20006)

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Biochemist-Microbiologist, Ph.D. Japan, 1967. Six years' experience in nucleic acids metabolism and antibiotics, several publications. Seeks research position. Box 414, SCIENCE.

Biomedical Engineering, Instrumentation, Data Processing; M.S. physics, designed biomedical instruments, automated clinical laboratories, computer data acquisition and display, control systems. Publications and patents. Seeks R&D appointment. Box 415, SCIENCE.

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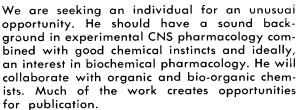
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