

This is a Classified Ad

The program is company secure and company funded. Electro-Optical Systems and its parent company, the Xerox Corporation, have already made important strides forward in the development of new systems for medical diagnosis. The need now is for highly-qualified personnel to fill important managerial and leadership positions within this ongoing program... a program which has real meaning for the future of the medical sciences.

Management-Senior Scientist. Manage and direct a product development biochemistry team. Extensive experience required in pharmaceutical or chemical product development. Prefer multidisciplinary strengths in chemistry or biochemistry, chemical engineering, and instrumentation.

Quality Assurance Manager, Biochemist or Chemist. Requires extensive experience in pharmaceutical and chemical product development. Must be familiar with cost effectiveness and predictive reliability models.

Quality Assurance Reliability Chemist. Entails development of analytical procedures. Desire several years industrial analytical laboratory experience.

Project Leaders-Ph.D Biochemists. Recent doctoral graduates and experienced Ph.D Biochemists are needed to probe and resolve analytical problems. Experience in preparing and processing labile biochemicals is desirable.

Instrumentation, Electrical Engineers. Desire design background with optical and digital systems. Information processing and control systems experience preferred.

Instrumentation Engineers-Mechanical. Requires highly creative individuals to design high-speed, small mechanisms, and electromechanical machinery; involves advanced concepts analysis and studies. Will also test, evaluate, and improve existing machine designs.

A variety of other positions are currently available in the fields of chemical engineering, biochemistry, microbiology, radiology, electronic, mechanical and systems engineering and data processing. Send your resume or request for further information to David C. Phillips. Better yet. Call him personally... collect. 213-351-2987.



Electro-Optical Systems, Inc.
a Xerox Company

302 North Halstead St. Pasadena, Calif. 91107

Personnel Placement

CLASSIFIED: Positions Wanted. 25¢ per word, minimum charge \$4. Use of Box Number counts as 10 additional words. Payment in advance is required. Send copy for position wanted ads to:

SCIENCE
1515 Massachusetts Ave., NW
Washington, D.C. 20005

COPY for ads must reach **SCIENCE** 2 weeks before issue date (Friday of every week).

DISPLAY: Positions Open. Rates listed below—no charge for Box Number. Rates net. No agency commission allowed for ads under 4 inches. No cash discount. **Minimum ad:** 1 inch. Ads over 1 inch will be billed to the nearest quarter inch. Frequency rate will apply only to repeat of same ad. No copy changes. Payment in advance is required except where satisfactory credit has been established. Send copy for display advertising to:

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Single insertion \$75.00 per inch
4 times in 1 year 70.00 per inch

For **PROOFS** on display ads, copy must reach **SCIENCE** 4 weeks before date of issue (Friday of every week).

Replies to blind ads should be addressed as follows:

Box (give number)
SCIENCE
1515 Massachusetts Ave., NW
Washington, D.C. 20005

POSITIONS WANTED

Administration (research, educational). Basic medical scientist, Ph.D., wide background, experience (domestic, foreign universities; federal government). Box 1, **SCIENCE**. 2/2

Bacteriologist, 1962 Ph.D. Exoenzymes, membranes. Publications. Postdoctoral experience here and abroad. Teaching/research at large state university. Seeks research position. Box 2, **SCIENCE**. 2/2, 2/9

Ph.D. Biochemist, 7 years' teaching and research experience in large eastern university. Desires to relocate in Midwest or West. Box 20, **SCIENCE**. X

Bioengineer. Esp. instrumentation. B.S., M.S., Ph.D., biology-toxicology and B.S.E.E. Experience research, equipment design. Diversified background. Publications. Box 5, **SCIENCE**. 2/2, 2/9

Biopsychologist; 1967 Ph.D., four publications (biochemical control of learning), 2 years of teaching. Seeks joint research/teaching appointment. Start September. Box 8, **SCIENCE**. 2/16

Ph.D. Botanist, 30. Six years' experience teaching, research, administration. Seeks teaching and/or research position. Available September 1968. Box 21, **SCIENCE**. X

Business Administrator, alert grant and contract management; accounting, personnel, purchasing. Box 22, **SCIENCE**. X

Ceramist, extensive experience in research, development and production of various ceramic products. Box 23, **SCIENCE**. X

Ph.D. Ecologist Seeks Administrative Position in biology or science, 40, wide-knowledge background. A.B. physics, A.M. science education, science-math teaching 6 years, postdoctoral 2 years, college teaching 4 years. Box 24, **SCIENCE**. X

Endocrine Physiologist. Ph.D. (physiology and pharmacology). Presently assistant professor in clinical department. Wishes to change to physiology or pharmacology department next year. Research and teaching experience. Box 31, **SCIENCE**. X

GROUND LEVEL CLIMATOLOGY

Editor: Robert H. Shaw. AAAS Publication No. 86, 408 pages, 144 illustrations, bibliography, index, November, 1967. Retail price, \$12.50; AAAS Members' Cash Orders, \$10.50.

Ground Level Climatology consists of 20 papers dealing generally with the theme of weather and agriculture (including forestry) and specifically with the climate closely surrounding plants and animals—the microclimate. Investigators in the field of ground level climatology seek to understand the complex relationships between living organisms and their environment; the relation of climate to the distribution and abundance of plants and animals; the effects of weather modification on physical processes within the microclimate; and the effects of moisture, temperature, and energy balance on physiological functions.

Chapters in this book describe the effect of climate on specific plants and animals; the influence of ground level climatology on forest fires; climate and animal husbandry; plant and animal reaction to various environment. All these have far-reaching effects—both favorable and unfavorable—on plants and animals, and ultimately on man.

British Agents: Bailey Bros. & Swinfen, Ltd.,
Warner House, Folkestone, Kent, England

AAAS
1515 Massachusetts Ave., NW
Washington, D.C. 20005

Lawrence Radiation Laboratory with over 5600 employees is located in the San Francisco Bay Area and is engaged in virtually all phases of nuclear energy research.

Biochemist or Physiologist

Study the biochemistry and physiology of ion transport across cell membranes and the accumulation of radionuclides by organs and cells. Applicants must have completed course work in biochemistry and cellular physiology. Course work in physical chemistry desirable. BS or MS degree in Biochemistry or Physiology.

Biologist

Will assume research responsibilities in cellular and tissue differentiation, genetics, and basic biological control mechanisms in relation to radiation exposure, and other environmental factors. Requires research experience involving biochemical procedures, tissue culture and/or cytology and histological preparation, use of radioisotopes as tracers, sample preparation and counting, and radioautography. Experience should include work with small mammals, invertebrates and micro-organisms. BS or equivalent in biological science.

For further information please send résumé to Mr. Ted Wilson, Personnel Department, P.O. Box 808 13-28, Livermore, California.



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POSITIONS WANTED

Medical Translator. German/English invites freelance assignments from companies and scientists. (NO agents.) Write 68-43 Groton, Flushing, N.Y. 11375. 2/2

Marine Pharmacologist, biochemist, biologist, Ph.D. 1962. Grants, publications, books. Present university affiliation associate professor with tenure. Desires chairmanship, program director position, academic or industrial; New York area. Box 25, SCIENCE. X

Ph.D. Seeks responsible **Research Administration** position. Offers heavy life-science background, experience in technical information management, comprehensive knowledge of modern documentation, information practices and EDP equipment, organizing and administrative ability. Box 14, SCIENCE. X

Ph.D., Pharmacology, young, veteran, medical school experience; publications; teaching/research United States or Canada. Box 26, SCIENCE. 2/9

Ph.D., preventive medicine, epidemiology, human genetics. Heavy research experience cancer and other areas, leadership, project design, survey methods. Interaction with medical staff, graduate students. Creative, well published. Earlier business background. Desires academic/research/administrative position at university/institute/industry. Consider transfer to nonmedical applications. Box 27, SCIENCE. 2/9

Research Assistant. B.S. in bacteriology. Three years' diagnostic and research experience. Desires position as research assistant to electron microscopist, preferably in virology. Available in August. Box 28, SCIENCE. 2/9

Vertebrate Ecologist, Ph.D. 1955. Community dynamics and population behavior. Desires teaching/research position. Box 15, SCIENCE. X

Virology Ph.D.; pathology, biochemistry minors; DVM; R&D animal virus production, supervising, administrative experience. Desires commercial management appointment. Write **WOODWARD PERSONEL BUREAU**, 185 North Wabash, Chicago 60601. X

POSITIONS WANTED

Ph.D. Virologist. Experience in tissue culture, vaccine development, immunology and microbiology. Desires industrial research or clinical position. Box 29, SCIENCE. X

Virologist, D.V.M., 7 years' experience in research, development and production of vaccines. Desires industrial or academic position. Box 30, SCIENCE. X

Zoology-Physiology, Ph.D. vertebrate, endocrine, general physiology; radiobiology; university-college teaching; administration. Box 16, SCIENCE.

Zoologist, Ph.D. Entomology (1967). Seeks academic position, teaching and research (taxonomy, ecology). Box 17, SCIENCE. X

Zoologist, Ph.D. Extensive teaching experience in parasitology, invertebrate zoology, histology. Successful graduate program. Publications. Desires senior academic position in teaching and research or administration. Box 18, SCIENCE. 2/9

POSITIONS OPEN

BIOCHEMIST

Ph.D. in Biochemistry or equivalent experience

Excellent research opportunity in amino acid metabolism in university affiliated hospital.

Salary commensurate with experience

Contact

DR. H. GHADAMI
(212) 780-3325

506 6th St., Brooklyn, N.Y.

POSITIONS OPEN

Position open for technician, college graduate with experience in chemistry, biochemistry or related fields to assist in research in biochemistry or immunology. University hospital. Opportunity for publications and advanced degree. Excellent salary. Apply

Box 651, SCIENCE

UNIVERSITY OF AKRON DEPARTMENT OF BIOLOGY

Applications are invited for the positions of Plant Physiologist and Vertebrate Ecologist. Rank and salary open. Reply to, Chairman, Department of Biology, University of Akron, Akron, Ohio 44304, including personal data, transcripts of record, and the names of three referees.

Microbiologist. Rural Pennsylvania college needs a professor to expand program. Modern building and ample equipment. Research encouraged but not required. Rank and salary depend on degrees and experience. Send resume to **S. W. Bowne, Head Science Dept., Edinboro State College, Edinboro, Pa. 16412.**

WANTED EXPERIENCED CLINICAL CHEMIST TO JOIN EXPANDING INDEPENDENT MEDICAL LABORATORY IN BOSTON.

Ph.D. desirable but not essential. Research opportunities available. Academic affiliations possible. Write, *Confidential*, to **Dir., Leary Laboratory, 43 Bay State Road, Boston, Mass. 02215.**

POSITIONS OPEN

BIOCHEMIST—Ph.D.

BASIC RESEARCH IN COLLAGEN METABOLISM

Our expanding Gerontology Department has an opening for a Ph.D. in Biochemistry, Physiology or Nutrition with experience in the study of Collagen Metabolism and Biochemical research.

This position is part of our basic research program in the biology of aging and involves investigation into the metabolism, maturation and significance of collagen.

Ortho is located in an attractive suburban area of New Jersey, near Princeton. Send curriculum vitae including salary requirements to Mr. Richard Groben

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Roy C. Ingersoll Research Center

Borg-Warner Corporation

Wolf and Algonquin Roads,
Des Plaines, Illinois 60018

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UNIVERSITY OF OTAGO Dunedin, New Zealand

DEPARTMENT OF ZOOLOGY

Applications are invited for two positions within the range of Associate Professor (Reader), Senior Lecturer, or Lecturer in the Zoology Department.

The successful applicants will be required to give such instruction and to carry out such examination work as may be considered necessary by the Head of the Department. Applications will be welcomed from graduates with qualifications in any field of Zoology but preference will be given to applicants whose main interests are in general experimental zoology or in an experimental approach to problems at the cellular level.

The salary range is \$NZ3,000 x \$200-\$4,400/\$4,400 x \$200-\$5,400 per annum. Initial salary will depend on the qualifications and experience of the person appointed. The status of Senior Lecturer may be awarded as a mark of personal distinction either on initial appointment or by subsequent promotion. The salary of a Senior Lecturer will be not less than \$NZ4,600 per annum. A particularly well qualified candidate could be appointed at the grade of Associate Professor (Reader) at a salary within the range \$NZ5,600 to \$NZ6,600 (\$NZ 100 equals £46.13.4 sterling, \$US112, \$A100).

Further particulars are available from the Secretary-General, Association of Commonwealth Universities, (Branch Office), Marlborough House, Pall Mall, London S.W.1. or from the Registrar of the University.

Applications close in New Zealand and London on 29th February 1968.

SENIOR RESEARCH TECHNICIAN to supervise modern well-equipped histology-histochemistry laboratory. Excellent salary and fringe benefits. Boston area.

Box 38, SCIENCE

University affiliated research institute seeks scientists with neurophysiology experience at all levels. Particular need for experience with micro-electrode recording of single neuron activity. Pleasant laboratories in research area of suburban D.C. Send resume and salary requirements to William R. Udry.

EYE RESEARCH FOUNDATION OF BETHESDA

8710 Old Georgetown Road
Bethesda, Maryland 20014

POSITIONS OPEN

GRADUATE STUDY

MEDICAL COLLEGE OF GEORGIA: Graduate Study in the Basic Health Sciences. FELLOWSHIPS, TRAINEESHIPS, AND ASSISTANT-SHIPS for study leading to the Ph.D. in Biochemistry, Endocrinology, Microbiology, Anatomy, Physiology, and Pharmacology. Also study leading to the M.S. in each of the above and in Medical Illustration and Nursing. NSF, NDEA, NIH, and institutional fellowships and traineeships available for qualified students seeking the Ph.D. Dependency allowance and tuition remission available in most cases. For details of the doctoral program in each field write to: **F. J. Behal, Dean, School of Graduate Studies, Medical College of Georgia, 1459 Gwinnett St., Augusta, Georgia 30902.**

GRADUATE STUDY IN BIOCHEMICAL PHARMACOLOGY

School of Pharmacy,
State University of New York at Buffalo
M.S. and Ph.D. programs are available for pharmacy, biology, or chemistry baccalaureates. Support available includes stipend, tuition and dependency allowance. For further details of research opportunities in this rapidly expanding area apply to: **Dr. N. Back, Chairman, Department of Biochemical Pharmacology, State University of New York at Buffalo, Buffalo, New York, 14214.**

TRAINEESHIPS IN MOLECULAR BIOLOGY

Beginning stipend \$3,500 plus tuition remission. Applications accepted from students in any of the sciences. Active, well-supported research programs underway in wide areas of Biophysical Chemistry, Nucleic Acid and Protein Synthesis and Molecular Control Mechanisms.

Inquiries: **Dr. H. L. Segal, Biology Dept., State University of New York, Buffalo, N.Y. 14214**

NATO ADVANCED STUDY INSTITUTE on the

"Cellular and Genetic Aspects of Antibody Formation"

co-sponsored by the Medical Research Council of Canada and McGill University, will be held on a private estate in the Laurentian Hills, near Montreal, June 30-July 12, 1968. The program will consist of 50 lectures by an international faculty of 16 distinguished scientists. Because of limitation of physical facilities, attendance will be limited to 100 participants and preference will be given to younger investigators working in related fields. A number of travel grants and/or stipends will be available for deserving applicants. Accommodation and all meals will be provided at \$14.50 per diem for graduate students; the fee for the course will be \$60.

Further information and application forms are available from Prof. A. Sehon, Laboratory for Biophysical and Immuno-chemistry, Dept. of Chemistry, McGill University, Montreal, Canada. Deadline for receipt of final applications: April 15th, 1968.

GRADUATE STUDY

TWO-YEAR APPOINTMENTS

POST-DOCTORAL RESEARCH IN PHARMACOLOGY

The NIH Pharmacology Research Associate Training Program offers an unusual opportunity to the M.D., DDS, or Ph.D. in pharmacology or related science: a two-year period of advanced training and research in the biomedical disciplines related to pharmacology. Formal tutorial seminars and informal discussion groups will supplement laboratory research in various components of NIH.

Appointments are available:

(1) In the Federal Civil Service at a stipend ranging from \$9,000 to \$12,500 per year, depending on type of degree and length of experience.

(2) In the Public Health Service Commissioned Corps, providing pay and benefits equal to those of comparable Armed Services rank.

Recent graduates as well as experienced investigators are invited to apply. Training tenure will begin on July 1, 1969, and completed applications must be received by April 19, 1968. For detailed information, write to: Coordinator, Pharmacology Research Associate Training Program, National Institute of General Medical Science, National Institutes of Health, Bethesda, Maryland 20014.

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