Personnel Placement

Only those employers who will not discriminate on the basis of race, sex, religion, age, color, or national origin should submit Personnel Placement advertising.

POSITIONS WANTED: 40c per word; use of Box Number is $1.00 and up per insertion. Minimum charge $10. Prepayment required. This rate applies to individuals only; personnel agencies and companies taking out display rate for all advertising will be charged at individual rates.

DISPLAY (POSITIONS OPEN, MARKET PLACE, AND SO FORTH): $1.00 per inch, minimum (1 inch is equivalent to one column by 1/4 inch). Ads over 1 inch billed to nearest quarter inch. No charge for Box Number. No agency commission allowed for ads under 4 inches. No cash discount. Prepayment required for foreign advertising. Purchase orders and billing information must accompany all other advertising.

COPY for ads must reach SCIENCE by Wednesday, 3-1/2 weeks before issue date (Friday of each week) requested. Send copy for all positions wanted ads and display ads under 5 inches to:

SCIENCE, Room 207
1515 Massachusetts Ave., NW
Washington, D.C. 20005

Send copy for display ads, 1/6 page and larger, to:

Scherago Associates, Inc.
11 West 42nd Street
New York, N.Y. 10036

BLIND AD replies should be addressed as follows:

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

positions wanted

Biochemist, Ph.D., 5 years of postdoctoral research experience. Academic and industrial, amino acid biochemistry, enzymeology, protein biosynthesis, good background in microbiology/organic chemistry. Prefer research position in United States or Canada. Box 446, SCIENCE.

Broadly trained Cell Physiologist/Biochemist, Ph.D., 5 years of postdoctoral research, 7 years of teaching/research. Seeks permanent position teaching and/or research. Prefer small western U.S. college or university with emphasis on quality teaching/research. Available January 1976. Box 448, SCIENCE.

Clinical Associate: M.S., Ph.D., M.T. (ASCP) (CDH). Full service experience in clinical and anatomical pathology, medical research, automated systems, data processing, and equipment installation. Seeking responsible position in training clinical laboratory and allied health personnel. Box 449, SCIENCE.

Embryologist with large teaching and research experience (numerous publications on developmental genetics of Xenopus) seeks academic position. Languages: German, English, French Box 427, SCIENCE.

Neuroanatomist/ Electron Microscopist, Ph.D. Experienced teacher and investigator seeks academic position. Research in cytochemistry with extensive experience in transmission and scanning EM. Publications. Strong commitment to teaching; presently head of interdepartmental committee. Also teach gross and microscopic anatomy. Box 450, SCIENCE.

Physical/Solid-State Surface Chemist: Ph.D. 1975; 2 years of college teaching, publications; 3 years of industrial experience; research interests in heterogeneous catalysis; seeking academic or industrial position. Must relocate; available June 1976. Box 451, SCIENCE.


Physiologist, Ph.D. 1972. Research and publications in acid-base and lung mechanics. Seeks academic research and/or teaching position in respiration physiology. Box 452, SCIENCE.

ACAROLOGY
University of California, Berkeley
Postdoctorates available in arachnoid research. Position available. Research and teaching in acarology, Ph.D. required. The systematics and general entomological background. Expertise in the systematic biology of the spider mites is essential. Assignment will include management of mites of agricultural importance. An interest in evolutionlary and systematic biology is desirable. Additional training in plant physiology and entomology is essential. Submit complete curriculum vitae, copies of publications and manuscripts, and names of three referees to: Dr. J. E. S. L. Green, Chairman, Division of Entomology and Parasitology, University of California, Berkeley, California 94720. The University of California is an Equal Opportunity, Affirmative Action Employer. Women and minority candidates are urged to apply.

ASSISTANT PROFESSOR
Duties: Research and teaching in human genetics with little or no responsibility for clinical determinations.

TRAINING: Doctorate and experience in human biochemistry, especially in the area of pyrimidine metabolism. Preference will be given to candidates with a background in human metabolism.

Candidates should send curriculum vitae, publication reprints, and three letters of reference to: Dr. Robert S. Krutch, Chairman, Department of Human Genetics and Development, University of California, Irvine, California, 92664. The University of California is an Equal Opportunity, Affirmative Action employer.

The Department of Biology, Harvard University, has openings for nontenured ASSISTANT PROFES-
SOBS for the following positions: cell biologist and developmental biologist. The program in cellular and developmental biology invites applicants in the broad area of control of eukaryotic gene expression (for example, including developmental genetics, computational genomics, and so forth) and in the area of neurobiology. The program in organismic and evolutionary biology invites applications in the genetics of marine ichthyology. Preference will be given to candidates with records of research accomplishments, postdoctoral training, and teaching experience.

The University is an Equal Opportunity Employer, women and members of minority groups are especially encouraged to apply. Candidates should send curriculum vitae, publication reprints, and three letters of reference to: Dr. Daniel M. Green, Chairman, Department of Biology, 16 Divinity Avenue, Cambridge, Mass. 02138, prior to 15 November.

GENETICS/PLANT PATHOLOGY
ASSISTANT PROFESSOR
The Genetics and Plant Pathology Departments at the University of California at Berkeley seek to appoint 2-3 individuals immediately. The expected date of hire is January 1976. Training in genetics and molecular or cell biology is essential. RESPONSIBILITIES include undergraduate and graduate teaching and a research commitment to plant somatic cell genetics (for example, selection of genomically important mutants in haploids, host-pathogen/pest interactions, and so forth). A research program balanced between fundamental and applied jobs in agricultural programs in agriculture is desired. Send curriculum vitae, references, reprints, brief statement of research plans, and three letters of reference to: Michael Freeman, Co-Chairperson of the Search Committee, Genetics Department, University of California, Berkeley, California 94720.

Deadline for completed applications: 31 December 1975.

The University of California at Berkeley is an Affirmative Action/Equal Opportunity Employer.

ASSOCIATE CHIEF OF STAFF FOR RESEARCH—TUCSON VA HOSPITAL. This position has become available. Candidates must be physicians with a strong research record and capable of qualifying for appropriate faculty in a medical school. In addition to $30,000 G. Apple to: L. A. Perlmutter, M.D., Chief of Staff, VA Hospital, Tucson, Ariz. 85723. Tucson VA Hospital is an Equal Opportunity Employer.

The University of Arizona is an Affirmative Action/Equal Opportunity Employer.

The University of Arizona is an Affirmative Action/Equal Opportunity Employer.

BIOCHEMIST—Opening at the assistant or associate professor level to begin September 1976. Physical biochemistry, biochemistry of nucleic acids, or carbohydrate biochemistry. University of Miami School of Medicine, P.O. Box 520875, Biscayne Annex, Miami, Florida 33152. An Equal Opportunity Employer.

The University of Arizona, Irvine, Department of Pathology is recruiting for a full-time faculty position at the ASSOCIATE PROFESSOR level. Candidates must be M.D.'s and be Board-qualified in anatomical pathology. Teaching responsibilities include instructing medical students, interns, and residents. Faculty appointment is available for the academic year. Applications from all qualified candidates are welcome. Women and minority applicants are encouraged to apply. Send curriculum vitae to the following address:

Dr. Edward R. Arquilla
Department of Pathology
University of Irvine, Irvine, California 92664

DEPARTMENT OF MOLECULAR BIOPHYSICS AND BIOCHEMISTRY of Columbia University.

An assistant professor opening in this department will be filled for the coming academic year. Candidates should have exceptional qualifications in research and teaching in molecular biophysics and biochemistry and a commitment to develop independent research programs. Responsibilities include teaching and supervision of research interests and in molecular biophysics, biochemistry, and in related areas. Candidates should be familiar with research in both areas. Applications from all qualified candidates are encouraged. Women and minority candidates are encouraged to apply. Send curriculum vitae to the following address:

Dr. Edward R. Arquilla
Chairman, Department of Molecular Biophysics and Biochemistry
Columbia University
New York, New York 10027

BIOCHEMIST—Tissue Culture Research position for Ph.D. biochemist with extensive experience in culture of mammalian cells. Position involves full-time research on methods for long-term culture of human diploid cell lines. Recent emphasis on characteri-

zation. In addition, the candidate will be required to participate in implantation of islets of Langerhans, obtained either from adult- or fetal-donor cultured cells. Salary and rank negotiable. Send applications with curriculum vitae to Daniel H. Mintz, M.D., Chief, Division of Endocrinology, University of Miami School of Medicine, P.O. Box 520875, Biscayne Annex, Miami, Florida 33152. An Equal Opportunity Employer.

The University of Arizona, Tucson, Arizona 85723.

BIOLISTGANIST, associate or assistant professor level, to teach an undergraduate invertebrate course, supervise graduate students, and conduct independent research. Persons with an interest in teaching introductory biology will receive positive consideration. Appointment can be made by September 1976. All interested persons are invited to apply. Send curriculum vitae, a description of research interests, and three letters of recommendation to: Dr. Richard G. Wainwright, Invertebrate Search Chairman, Zoology Department, Duke University, Durham, N.C. 27706. An Equal Opportunity/Affirmative Action Employer.
The Department of Physiology in the College of Medicine, University of California, Irvine, is recruiting for an ASSOCIATE PROFESSOR. Candidates should have proven teaching ability of high quality, including the capability of presenting cardiovascular physiology to medical students, evidence of having made significant contributions to the biophysics of muscle function, and proven ability to conduct and direct independent research. Applications from qualified candidates are welcome; minorities and women are encouraged to apply. Send names of four references and curriculum vitae to Dr. Peter F. Hall, Chairman, Department of Physiology, University of California, Irvine, California 92664. Either M.D. or Ph.D. preferred. Applications must be received by 1 December 1975.

**BIOLOGY**

College of Wooster seeks instructor/assistant professor, 1 January 1976, comparative animal physiologist/vertebrate morphologist for upper-level courses in these areas and design service courses in human anatomy and physiology to fulfill certification requirement in physical and elementary education. Expected to direct independent study under-graduate research. Ph.D., continuing research expected. Send curriculum vitae and references to Donald Wise, Biology Department, College of Wooster, Wooster, Ohio 44691. Equal Opportunity/Affirmative Action Employer.

**CHAIRPERSON, DEPARTMENT OF BIOLOGY,** Associate or full professor level. To offer courses in genetics or plant physiology and administer small department. Must demonstrate commitment to undergraduate teaching and continued research as a part of that commitment. Send résumé and names of three references to: Search Committee, Department of Biology, Bates College, Lewiston, Maine 04240, by 1 December 1975. An Equal Opportunity/Affirmative Action Employer.

**DEAN GRADUATE SCHOOL TULANE UNIVERSITY**

Applications must be qualified to administer a quality graduate division and to develop plans for promoting and funding graduate research programs. Interested candidates should respond by 15 November 1975 with a résumé and a list of references. Nominations and applications should be sent to: Dr. Robert E. Preston Chairman, Search Committee Tulane University Room 218, Gibson Hall New Orleans, La. 70118 An Equal Opportunity/Affirmative Action Employer.

**DIRECTOR LABORATORY ANIMAL SCIENCES**

At leading New England medical school and clinical center, Respected and established in field of expertise, the development of research and teaching programs in Director's field of expertise. Please send applications and curriculum vitae to Box 453, SCIENCE. An Equal Opportunity Employer, M/F.

**DEAN OF THE COLLEGE.** Seeking candidates who possess leadership ability and competence in academic administration. Candidate should be eligible for a senior faculty appointment in college on the basis of demonstrated performance in teaching and research. Submit credentials with current vitae, references, and official transcripts to: Dr. Margaret Haupt, Chairman, Dean Search Committee, Cee College, Cedar Rapids, Iowa 52402. Deadline for applications is 31 December 1975.

**ECOLOGIST**

Presently we have six faculty members working in the areas of ecology, evolutionary biology, animal behavior, and population genetics. We seek an additional member, probably not necessarily at the assistant professor level, for 1 July 1976. Preference will be given to applicants with postdoctoral experience and research interests in population or community ecology and who will encourage interest in fieldwork. The position will participate in undergraduate and graduate teaching and must be capable of maintaining a high quality research program. Each applicant should send (before 2 November 1975) the names of three referees and a curriculum vitae with enough data for and adequate preliminary evaluation of his/her potential in both teaching and research to Professor Struther Arnett, Head, Department of Biological Sciences, Purdue University, West Lafayette, Indiana 47907. Purdue University is an Equal Opportunity/Affirmative Action Employer.

**ELECTRON MICROSCOPIST**

**ELECTRON MICROSCOPY TECHNICIAN**

A multidisciplinary group investigating immunologic injury of a wide range of tissues (lung, kidney, tumors) requires ultrastructural support of the highest technical quality. One individual is needed at the technical and professional levels. Demonstrated experience with scanning and freeze-fracture is desired, in addition to full range of techniques associated with TEM. Processing of large, plastic-embedded specimens with Socratic JEM-4 microtome will be emphasized. Respondents should be willing to interact closely with other members of research group. Please reply with full particulars, including experience, salary expectations, curriculum vitae, publications, references, and date of availability to Box 456, SCIENCE.

**FACULTY POSITION** Available for applicants with an interest in teaching and research activities related to design and analysis of biological systems. Candidate should have good familiarity with optimum design and computer-aided design techniques and be able to interact with other members of the department who are active in the design and control of physical systems, fluid/thermal systems, and bioengineering. Ph.D. degree or equivalent is strongly emphasized. Send curriculum vitae and references to: Donald W. Slight, Chairman, Department of Mechanical Engineering, University of Delaware, Newark, Delaware 19711. Equal Opportunity Employer.

**FACULTY POSITION IN QUANTITATIVE POPULATION ECOLOGY.** In keeping with our mission of finding solutions to agricultural pest problems, we are seeking a person whose primary responsibility will lie in the area of research in quantitative population ecology. This staff member will be expected to elucidate principles of population dynamics relating to strategies of pest management in field crop ecosystems. The position offers the opportunity for the individual to complement the Department of Entomology's team efforts on ongoing pest management programs, as well as develop a program within his or her own area of interest. Education and training should include experience in the life sciences or agricultural sciences, with a strong quantitative background in modeling, mathematics, statistics, and theory of population dynamics. Salary and rank will be commensurate with education and experience. Applicants for this position should submit a complete résumé, three references, and request three letters of recommendation be sent to Dr. Elden E. Orttman, Head, Department of Entomology, Purdue University, West Lafayette, Indiana 47907, by 20 November 1975. Purdue University is an Equal Opportunity Employer.

**INDUSTRIAL ENVIRONMENTAL TOXICOLOGIST**

San Francisco Bay Area

Stanford Research Institute's Center for Occupational and Environmental Safety and Health is seeking an Industrial Environmental Toxicologist to participate in its activities in research and consulting services for government and commercial clients.

Initial assignments will be associated with the Center's activities in the preparation of NIOSH criteria documents for recommended occupational health standards in SRI's Washington, D.C. office; and in support of a contract with the National Cancer Institute in Environmental Carcinogenesis in SRI's main office at Menlo Park, California. Successful applicants will have solid background in inhalation toxicology and the toxicological aspects of Industrial Hygiene.

Emphasis will be given in evaluating applicants for their ability to critically review the biomedical literature and develop statements to support proposed standards. Previous experience is desirable but can be substituted by unusually strong academic background.

Send resumes to:

**STANFORD RESEARCH INSTITUTE**

Center for Occupational and Environmental Safety and Health

333 Ravenswood Avenue

Menlo Park, CA 94025

SRI is an equal opportunity employer
Positions Open

Mississippi State University Department of Entomology

Faculty position: Assistant professor, Department of Entomology, College of Agriculture, and Mississippi Agricultural and Forestry Experiment Station. Required: Ph.D. in entomology, demonstrated competence in research, and preference for research experience in field crop entomology. Qualified applicants should write to: Professor C. A. Wilson, Acting Head, Department of Entomology, Mississippi State University, Drawer EM, Mississippi State, MS 39762.

Mississippi State University is an Equal Opportunity Employer.

Department Head: Nominations and applications are invited for head of Ph.D.-granting Department of Chemistry. Teaching experience and proved research ability as an earned doctorate. Appointment will be at rank of full professor with salary and teaching load negotiable. Equal Opportunity Employer. Send resume and references to: H. David Lipsich, Chairman Search Committee Office of the Dean McMicken College of Arts and Sciences University of Cincinnati Cincinnati, Ohio 45221

Immunologist-Microbiologist

Assistant professor, fall 1976, to establish an active research program in cellular immunology and to teach courses in immunology and elementary or pathogenic microbiology. Postdoctorate and/or teaching experience preferred. Salary commensurate with training and experience. Submit curriculum vitae, transcripts, and names of three references by 15 December to: Search Committee, c/o Dr. J. B. Clark, Department of Botany and Microbiology, University of Oklahoma, Norman, Oklahoma 73069.

An Equal Opportunity/Affirmative Action Employer

Insect Physiologist

Department of Entomology, The Ohio State University

Applications are invited for the above position at the rank of assistant professor. Candidates should have broad interest and training in insect physiology and have superior competence in teaching and research. Ph.D. required, salary competitive. Deadline for applications: 30 November 1975. Send curriculum vitae, all college transcripts, and names of three references to: Chairman, Insect Physiologist Search Committee, Department of Entomology, The Ohio State University, Columbus, Ohio 43210.

An Equal Opportunity/Affirmative Action Employer

University of Louisville Cancer Center

Medical Sociologist—Associate professor. Salary $22,000 (12 months). Responsible for the implementation of a data collection system on the psychosocial rehabilitation section of the vinyl chloride project. Must know sociological epidemiology and have a proven track record in research. Prefer some cancer-rehabilitation experience. Send resumes or inquiries to: Cancer Center Planning Office, University of Louisville, School of Medicine, Health Sciences Center, Walnut and Preston Streets, Louisville, Ky. 40201. An Equal Opportunity/Affirmative Action Employer.

Postdoctoral Biochemist

Interested in enzyme and the neurosciences. Research opportunity in medical school department of large medical center.

Biochemist

Postdoctoral level research program on enzyme regulation of lipid biosynthesis and cells in culture. Send curriculum vitae to: Miss M. Kerans, Personnel Department, indicating which position you are applying for:

New York University Medical Center

587 First Avenue, New York, N.Y. 10016
An Equal Opportunity/Affirmative Action Employer, M/F

Positions Open

Experimental Pathologist

Requirements: M.D. or D.V.M., and Ph.D.: U.S. citizen; experience in rodent pathology and carcinogenesis; pathology Board eligibility; ACVP certification desirable. Rank and salary determined by qualifications/experience. Send resume and references to: Project Director, University of Arkansas Pathology Services Project, National Center for Toxicological Research, Jefferson, Arkansas 72079. Equal Opportunity Employer.

Instructor

University of Michigan Medical School

Position available in Primary Care/Community Medicine-Pediatrics. University of Michigan Medical School Candidate must be Board-certified or eligible pediatrician, with interest in primary care practice, education of house officers and students, investigations of problems of health care delivery and development of prepaid comprehensive health care plan. Code #30092. Send resume to Box 457, SCIENCE. A Non-discriminatory, Affirmative Action Employer.

Microbiologist, Botanist, General Biologist

Two positions open in small liberal arts college starting September 1976, as replacements for retiring staff. At present bacteriologist's microbiology, research techniques, plant morphology, plant classification, general botany, and a year of general biology are taught, some in alternate years by the retiring staff. Allocation of teaching responsibility not definite. Opportunity to develop a course in cell biology. Ph.D. required; salary and rank dependent upon experience.

Send application materials to Dean Charles M. Lindsay, Coe College, Cedar Rapids, Iowa 52402.

Coe College is an Equal Opportunity/Affirmative Action Employer.

Neurobiologist

Applications are invited from neurobehavioral biologists to carry out research in a long-term, ongoing, interdisciplinary Program Project dealing with maternal protein restriction and mental retardation. The person chosen will head the section on neurobehavior and is expected to interact closely with the neurophysiology and neurochemistry sections, but scientists with a background not only in behavior but also in other neurobiological disciplines are especially encouraged to apply. This is a full-time research position dealing with the developmental neurobiological aspects of mental retardation. Ample opportunity exists at the Worcester Foundation for carrying out independent research projects of a related nature. Send curriculum vitae and a brief description of research experience, together with three letters of recommendation, to Ashton Gibbons, Ph.D., Director of Personnel, Worcester Foundation for Experimental Biology, 222 Maple Avenue, Shrewsbury, Mass. 01545.

An Equal Opportunity/Affirmative Action Employer.

Postdoctoral Positions

Department of Biochemistry, Rice University, announces the immediate availability of several postdoctoral positions. Previous experience in the fields of enzymology, particularly of membrane-bound and/or electron transfer enzymes, or cell culture is an advantage.

Prospective candidates should submit resumes together with the names of three individuals familiar with their research accomplishments to: Department of Biochemistry, Rice University, Houston, Texas 77001.

Rice University is an Equal Opportunity/Affirmative Action Employer.

Postdoctoral Research Traineeship in Digestive Diseases

Openings are available for research training in digestive diseases (NIH-supported). Applicants should have either an M.D. degree with appropriate postdoctoral clinical training or have a Ph.D. degree in basic science. Training period is for 1 to 3 years depending upon the needs of the applicant. Areas of training include characterization and regulation of intestinal digestive enzymes, study of gastrointestinal hormone receptors, hepatic lipid and lipoprotein metabolism, hormone radioimmunoassay, and controlled clinical trials in liver disease. Applicants should call or send curriculum vitae to Gary M. Gray, M.D., Division of Gastroenterology, Stanford University School of Medicine, Stanford, California 94305. Telephone: 415-497-4588.
POSTDOCTORAL POSITION available for research on membrane electrode probes for biological systems. Qualified applicants write to:
Professor G. Rechnitz, Chemistry Department, State University of New York, Buffalo, New York 14214.

POSTDOCTORAL POSITION for biologist with a good background in physical chemistry. Study of the state of water in biological systems by NMR and other physical methods. Experience in muscle, cell biology, and NMR desirable but not an absolute necessity. Send curriculum vitae with three recommendations to: Dr. B. M. Fung, Department of Chemistry, University of Oklahoma, Norman, Oklahoma 73069. The University of Oklahoma is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL TRAINING in DENTAL CARIES RESEARCH
Positions available in 3-year NIH-supported multidisciplinary program in cariology, Ph.D., D.D.S., M.D., or equivalent degree required. Training will involve integrated studies in selected combinations of areas including: epidemiology and clinical trials; microbiological, biochemical, and immunological investigations on the microbial etiology of caries; animal research involving experimentally produced caries; oral anatomy and physiology studies; saliva function including saliva composition and protection against caries. Program involves 19 faculty members with expertise in: anatomy, biochemistry, biostatistics, genetics, health education, microbiology, oral biology, oral pathology, and physiology. Appointments for up to 3 years with starting stipends ranging from $10,000 to $13,200. Send resume or requests for additional information to:
Dr. Charles F. Schachtel
18-228 Health Sciences Unit A
School of Dentistry
University of Minnesota
Minneapolis, Minnesota 55455

PROFESSOR OF NUTRITION
The Tulane University School of Public Health and Tropical Medicine invites applications and nominations to fill the vacant Chair of Nutrition. Candidates would need to be physicians, eligible for licensure in Louisiana, and have had experience in teaching, research and be interested in both national and international nutritional problems. The University is an Equal Opportunity Employer. Qualified women and members of ethnic minority groups are encouraged to apply.

RESEARCH ASSOCIATE in the field of human auditory evoked responses, to work in basic and clinical research. Ph.D. required, with emphasis in auditory psychology and psychophysiology or equivalent experience. Deadline for applications is 15 November 1975. Indication of ethnicity and sex for Affirmative Action statistical purposes is requested but not required. Send current curriculum vitae to:
Chairperson
Communication Disorders Search Committee
The University of Texas at Dallas
P.O. Box 688, Station 1SH
Richardson, Texas 75080
The University of Texas at Dallas is an Affirmative Action/Equal Opportunity Employer.

Food and Drug Administration
Bureau of Foods

Our Division of Toxicology has challenging nonlaboratory positions to evaluate industry submitted toxicological and safety data on food chemicals, residues in animal tissues derived from additive use, and cosmetics. Additional responsibilities may include input in planning related scientific programs, interaction with laboratory personnel and contact monitoring.

Several openings for scientists with substantial postdoctorate or equivalent experience in toxicology with background in pharmacology, or biochemistry and related sciences.

One opening requires background in endocrinology and reproductive physiology to evaluate safety considerations related to hormonally active compounds.

One opening requires background in dermal, ocular and/or inhalation toxicology to evaluate safety considerations related to cosmetics.

Salary $18,463-$25,581 per year depending on qualifications. (Salary increase of 5% to 8.6% pending.)

U.S. CITIZENSHIP REQUIRED

Send curriculum vitae, bibliography and Standard Form 171 (Personal Qualifications Statement) to:
ALBERT C. KOLBYE, JR., M.D., M.P.H.
ASSOCIATE DIRECTOR FOR SCIENCES
BUREAU OF FOODS (HFF-100) (S-2)
FOOD AND DRUG ADMINISTRATION
200 "C" STREET, S.W.
WASHINGTON, D.C. 20204

FDAN/AN EQUAL OPPORTUNITY EMPLOYER

Chief, Treatment, Rehabilitation and Continuing Care Branch

Salary: $29,818 to $36,000 per annum (dependent on qualifications)

The National Cancer Institute, Division of Cancer Control and Rehabilitation, seeks a person with a medical degree and with training and experience in one of three modalities of cancer treatment: chemotherapy, radiation or surgery.

The selected candidate will assume responsibility for directing the activities of the Treatment, Rehabilitation and Continuing Care Branch, DCCR. These responsibilities include program planning and development, scientific direction and evaluation and assessment of activities related to treatment, rehabilitation and continuing care in the control of cancer. These responsibilities are carried out through the use of grants and contracts; therefore, a knowledge of grants and contracts within the Federal Government is desired.

This is an opportunity for a professional person specializing in the cancer field to make a meaningful contribution to the National Cancer Program, and particularly, the Cancer Control aspect of the program for which the National Cancer Institute has leadership responsibility.

Please send your resume no later than December 15, 1975 to:

Mrs. Ellen Dowd
Personnel Management Specialist, NCI
NATIONAL INSTITUTES OF HEALTH
Public Health Service
Building 31, Room 3A-25
Bethesda, Maryland 20014
(a suburb of Washington, D.C.)
An Equal Opportunity Employer
RESEARCH ASSOCIATE POSITION available immediately for recent Ph.D. to study enzymology and protein chemistry of blood coagulation factors. Prior research experience in Zn-metalloproteases is desirable but not essential. This position has a term of 2 years. Send curriculum vitae and names of three references to Dr. Robert L. Smith, Department of Biochemistry and Molecular Biology, Louisiana State University School of Medicine in Shreveport, P.O. Box 3932, Shreveport, Louisiana 71130.

An Equal Opportunity/Affirmative Action Employer

POSITIONS FOR RESEARCH PHYSICIANS with training in nuclear medicine, endocrinology, or hematology, at Donner Laboratory, Lawrence Berkeley Laboratory, University of California. California medical license and appropriate responsibility in medical school or hospital affiliations optional. Send résumé to James L. Bora, M.D., or Thomas F. Budinger, M.D., Ph.D., 467 Donner Laboratory, Lawrence Berkeley Laboratory, University of California, Berkeley, California 94720. An Equal Opportunity Employer.

SENIOR TERRESTRIAL ECOLOGIST

The Department of Zoology offers a faculty position for a senior ecologist. It is anticipated that the post will be filled at a senior rank. Candidates should have a strong research background, preferably in the area of mammalian population biology, and will be expected to teach at the graduate and undergraduate level.

Applications should include a curriculum vitae and names of two referees, and be sent to the Chairman, Department of Zoology, College of Biological Science, University of Guelph, Guelph, Ontario, Canada N1G 2W1.

SOCIO MEDICAL SCIENTIST

To develop models of health indicators for children. Background in sociology and public health. Ph.D. or near Ph.D. Send résumé and salary requirements to: Sociomedical Sciences, Columbia University, 630 West 168th Street, New York, N. Y. 10032. An Equal Opportunity/Affirmative Action Employer

VERTEBRATE MORPHOLOGIST

The Department of Zoology, University of Wisconsin-Milwaukee, invites qualified Ph.D.'s to apply for a position as assistant professor, with special training in comparative anatomy and human anatomy. Duties include (i) teaching course in comparative anatomy for undergraduates, (ii) teaching course in human anatomy for advanced medically oriented students, (iii) teaching graduate seminar or course in applicant's specialty, (iv) cooperation with the Medical College of Wisconsin in undergraduate medical education, and (v) conducting active research program in applicant's specialty. Starting date is 1 September 1976. Salary is competitive, depending on qualifications. Applicants should send curriculum vitae, three letters of recommendation, and three references, to Dr. John E. Minnick, Chairman, Search Committee, Zoology Department, University of Wisconsin-Milwaukee, Milwaukee, Wisconsin 53201. Minorities and women are encouraged to apply.

An Equal Opportunity Employer

VIROLOGIST—Position available for research assistant professor to work on genetic and biochemical characterization of human respiratory RNA viruses. Applicants should have experience in cell culture and contemporary methods of molecular virology. Address inquiries to: Dr. R. W. Simpson, Waksman Institute of Microbiology, Rutgers University, New Brunswick, New Jersey 08903.

An Equal Opportunity Employer

WATER QUALITY MODELER

Environmental consulting firm is seeking a water quality modeler with experience in the mathematical modeling of aquatic systems, with emphasis on fresh water. Background in sanitary engineering preferred. Must be able to work closely with a multidisciplinary group. M.S. or Ph.D. preferred.

Please forward résumé to: Roger L. Hogan, Project Manager, Normandue Associates, Inc., 886 Mast Road, Manchester, New Hampshire 03102.

An Equal Opportunity Employer

FELLOWSHIPS

FELLOWSHIPS FOR STUDY AND/OR RESEARCH AT GRADUATE OR POSTDOCTORAL LEVELS IN 1976-77

at the Hebrew University of Jerusalem and at the Technion - Israel Institute of Technology, Haifa

THE LADY DAVIS FELLOWSHIP TRUST

Eligibility and Tenure

Lady Davis Fellows will be selected on the basis of demonstrated excellence in their studies, promise of distinction in their chosen fields of specialization, as well as qualities of mind, intellect, and character.

All fellowship awards are subject to the candidate's being accepted by the respective institution. The fellowships are tenable for a period of 1 or 2 years. In special circumstances the award may be extended for a third year. The grant is intended to defray the cost of the Fellow's travel and tuition fees and to meet reasonable living expenses.

Application

Graduate students may apply during their senior academic year, or after they have undertaken study in a graduate school. Postdoctoral candidates may apply at any time.

All candidates, including Israeli abroad, may apply application forms from the Lady Davis Fellowship Trust, P.O. Box 1255, Jerusalem, Israel.

Completed applications must reach the Office of the Trust not later than 1 January 1976.

AMERICAN RED CROSS

POSTDOCTORAL FELLOWSHIPS

The American Red Cross offers postdoctoral fellowships in its Blood Research Laboratory located in Bethesda, Maryland. A stipend of $10,000 per year is granted with additional awards for previous postdoctoral experience and for dependents. Fellowships are available in the areas of membrane biochemistry (Dr. G. A. Jamieson), cryobiology (Dr. H. T. Meryman), biomedical engineering (Dr. L. Friedman), physical biochemistry (Dr. K. Ingham), plasma fractionation (Dr. M. Wickerhauer), enzyme kinetics (Dr. D. Kosow), coagulation (Dr. D. Triantaphyllopoulos), and virology (Dr. S. Mazzur). Send curriculum vitae and bibliography to:

Research Director
The American National Red Cross
Blood Research Laboratory
9312 Old Georgetown Road
Bethesda, Md. 20014

POSTDOCTORAL FELLOWSHIP from 1976 to 1978 for biochemist, virologist, geneticist, or microbiologist to study mammalian cell genetics, SV40 transformation of human cells, and somatic cell hybridization. Send curriculum vitae to:

Dr. Jean-Paul Thirion
Microbiological Institute of Canada Medical School
University of Sherbrooke
Sherbrooke, Quebec, Canada J1H 5N4

PROGRAMS

Ongoing private marine biological facility seeks relation with educational institution to develop MA- RINE SCIENCE PROGRAM. Northeastern Gulf of Mexico, waterfront location, diverse habitats, docking and animal holding facilities, running seawater. Staff includes well-known naturalist/writer, M.S. in biological oceanography, expert marine collectors. Reply to Box 439, SCIENCE

SYMPOSIUM

MICHAEL KASHA SYMPOSIUM
ENERGY TRANSFER IN ORGANIC, INORGANIC, AND BIOLOGICAL SYSTEMS

An international, 80-participant symposium covering theoretical aspects of radiations transfer and interrelated processes, and offering numerous opportunities for discussion of the mechanisms of energy transfer processes in organic, inorganic, and biological systems, will be held from 9 to 10 January 1976 at the Chemistry Department, Florida State University, Tallahassee, Fla. 32306. Two- to three-page abstracts are now being solicited until 20 November. For more information contact Professor W. Rhodes at Florida State University, Telephone: 904-644-1227.

FELLOWSHIPS FOR GRADUATE OR POSTDOCTORAL LEVELS IN 1976-77

AT THE UNIVERSITY OF MICHIGAN

THE FELLOWSHIP PROGRAM

ANNUCMENTS

As one means of encouraging carcinogenese research projects presently impeded by limitations in available analytical techniques for N-nitroso compounds, the Carcinogenesis Program of the National Cancer Institute is considering the loan of a small number of nitrosamine-selective detectors (thermal Energy Analyzer) to other investigators. Those wishing to receive such a detector, which can be interfaced with a gas chromatograph as well as used in the direct injection mode, should communicate their reasons for requesting such an instrument to Dr. Marcia Litwack (Manager, Information and Resources Segment, C.G. DCCP, NCI, Landow Building, Room 3A06, Bethesda, Maryland 20204) before 15 December 1975. The initial communication should address at least the following points:

1) Nature of the research program in which the detector would be used, and its relevance to cancer cause and prevention.

2) Ability of the recipient laboratory's staff to maintain and operate a prototype analytical instrument which is still under development.

3) Freedom of the recipient laboratory to unconditionally release any information obtained using the detector to the NCI and other laboratories.

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Eight-year-old AEI EM6b Transmission. Excellent condition (being presently used), complete with Hass- keth vacuum chamber; recondensers, decontamination device; 24-place camera; double condenser, each variable; accessory plate drying vacuum pump (96 plates); stabilizing transformer; high voltage assembly (Gun, can, HV tank) recently rebuilt. For further details, contact Dr. Dan H. Moore, Institute for Medical Research, Camden, N.J. 08103. Telephone: 609-466-7377.

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