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NATIONAL RESEARCH COUNCIL OF CANADA

Division of Biological Sciences

Ottawa

requires a

BIOCHEMICAL GENETICIST

The Division of Biological Sciences at Ottawa requires a Research Scientist, preferably with 4 to 10 years of postdoctoral research experience in Genetics and Biochemistry, to cooperate with others in an ongoing program using lower eukaryotes in the study of mutation and nucleocytoplasmic relationships.

Initial salary will depend on qualifications but will probably be between \$13,800 and \$20,000 per annum.

Please apply by providing a curriculum vitae and names of at least two referees acquainted with your research, to the Employment Officer, National Research Council of Canada, Ottawa K1A 0R6. Please quote BY-72-14. Replies desired within two weeks after this magazine is issued.



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Department O

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Personnel Placement

POSITIONS WANTED

Animal Physiologist/Electron Microscopist, Ph.D., major interest in mammalian reproductive biology. Postdoctoral involving electron microscopy and in vitro ova culture techniques to study oocyte maturation and fertilization. Desires academic teaching and research or industrial research position. Box 388, SCIENCE. X

Aquatic Entomologist, Sc.D., interested in water pollution, ecology and taxonomy, more than 25 publications, research and teaching experience. Seeks challenging position. Box 389, SCIENCE. 8/10

Biochemist, Ph.D. Permanent resident. Ten years of U.S. postdoctoral research on biochemistry of chemically induced aplastic anemia. Seeks teaching/research position to pursue own research on chemical carcinogenesis and molecular biology. Box 390, SCIENCE. X

Biochemist, female, Ph.D., National Registry of Clinical Chemists, 18 years' experience, toxicology/drug screening, radio-immunoassay/synthesizing antigens, desires academic, research or industrial position. Box 391, SCIENCE. X

Position wanted as **Electron Microscopist and/or Pathology Assistant.** Candidate has M.S. degree in anatomic pathology, 7 years' experience in research and diagnostic electron microscopy and 5 years' experience in performing autopsies. Box 392, SCIENCE. X

Mathematician, 33, M.A.+ Seven years of college teaching experience. Seeks position teaching mathematics and/or physical science. Available immediately. Box 393, SCIENCE. X

Mathematician, Ph.D., strong interests in environmental problems, ecology, biology, energy crises, etc. Have taught introductory environment course, energy course. Very broad background. Some experience in administration. Interested in the challenges of liberal education. Box 394, SCIENCE. X

Microbiologist-Molecular Biologist, Ph.D. 1971. Soon to complete 2-year postdoctoral position in Europe. Seeking position in research or teaching/research in university or industry. Interests: DNA repair in bacterial and mammalian systems; chromatin transcription in normal and cancerous cells; application of biostatistics and computer programming to data evaluation. Publications. Box 395, SCIENCE. X

Russian-English Translator/Abstractor. Full-time professional seeks free-lance assignments. Rates on request. Charles Parsons, 5914 Pulaski Avenue, Philadelphia, Pennsylvania 19144. X

POSITIONS OPEN

BIOCHEMIST-RESEARCH ASSOCIATE (1) to work on amino acid metabolism in peanuts. Should be familiar with amino acid analyzer, fractionation of plant proteins. Also interested in *Rhizobium*. Ph.D. and agricultural background desirable. Able to teach bacteriology. Salary \$13,000 per year.

GRADUATE RESEARCH ASSISTANT (1) to assist in same area. Must show initiative. Stipend to \$5,000. Please apply by 15 August to **Dr. Julius L. Heinis, Box 270, Florida A&M University, Tallahassee, Florida 32307.**

Equal Opportunity Employer

ASSOCIATE DEAN—COLLEGE OF NATURAL SCIENCES, COLORADO STATE UNIVERSITY
The professional qualifications for the position are a Ph.D. degree in a natural sciences field or psychology; competence in the teaching-learning process as demonstrated by several years of successful teaching at both the undergraduate and graduate level and successful supervision of candidates for advanced degrees; a high level of scholarly productivity as demonstrated by research which has been published in reputable refereed journals, presented as talks before professional organizations and cited by peers in other published works; and several years of successful administration of a reasonably large organization which involved personnel management, budgetary supervision and program development. Applications (none accepted after 15 September 1973) with curriculum vitae and the names of three references should be sent to **Dr. F. A. Graybill, Department of Statistics, Colorado State University, Fort Collins, Colorado 80521.** *Equal opportunity for employment is provided through an Affirmative Action Program.*

DEPARTMENT CHAIRMAN

Applications or nominations are sought for the position of **CHAIRMAN** of the **DEPARTMENT OF ZOOLOGY**, University of Florida. The department includes 32 faculty members and offers a broad undergraduate program. Graduate programs emphasize environmental biology, developmental biology, physiology, evolutionary and systematic biology, and genetics. The department has strong ties with the Natural Sciences Division of the Florida State Museum and with marine stations on both coasts. The available teaching and research space will be greatly enlarged with the completion of a new building in the fall of 1974.

The position is open for the fall of 1974. Applicants please send curriculum vitae and names of at least four references to: **Zoology Search Committee, Department of Zoology, University of Florida, Gainesville 32601.** *The University of Florida is an Equal Opportunity Employer.*

DEAN, SCHOOL OF MEDICINE

The University of Arkansas announces a vacancy in the position of Dean of the School of Medicine and invites interested, qualified persons to submit résumés. The U of A Medical Center is an equal opportunity employer. Inquiries should be addressed to the **Vice President for Health Sciences, University of Arkansas Medical Center, Markham at Hooper Drive, Little Rock, Arkansas 72201.**

OPPORTUNITY: MEDICAL EDUCATION-COMPUTER-ASSISTED INSTRUCTION. Ph.D. or M.D. to direct and/or participate in transfer of unique program in medical education to University of Illinois PLATO system. Must be creative, have strong interest in educational process, and broad background in biological sciences. Applicants should enclose curriculum vitae and list three referees to **Dean, Medical School, 1205 West California, Urbana, Illinois 61801.**

CHEMIST/BIOCHEMIST

Senior Research Chemist or Biochemist to develop clinically useful determinations for blood lipids. Will also conduct research projects in new areas of human lipid biochemistry. Must be familiar with analytical techniques such as GLC, TLC, IR as well as purification of lipids and use of radioisotopes.

Expand your career with one of the nation's leaders in the rapidly growing health care industry. Excellent compensation and fringe benefits. Please send résumé in strict confidence to **D. F. Barber.**

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Senior biologist/biochemist required for a position in our pharmaceuticals Technology Assessment group. This non-laboratory position involves the identification and analysis of R & D options; range of projects extends from basic research to product evaluations. Broad interaction with management and scientific staff as well as academic and government researchers.

We require a Ph.D. and a minimum of 1 year of academic or industrial post-doctoral experience. Formal training in biochemistry or biochemical pharmacology, with strong emphasis on enzyme function highly desirable. Must be comfortable and effective in oral and written communication.

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POSITIONS OPEN

Macrobrachium Hatchery Biologist —Mazatlan

Syntex Aquaculture Sciences in Palo Alto, California, seeks a trained biologist to work in a new well-equipped hatchery for *Macrobrachia* prawns in Mazatlan, Mexico. The hatchery biologist must be fully experienced in all phases of hatching and rearing *Macrobrachia* prawns for pond aquaculture. The biologist will be supported by a trained *Macrobrachia* aquaculturist in Mazatlan and a large multidisciplinary (including intensive aquaculture) research center in Palo Alto with whom the biologist will have direct participation.

Applicant inquiries should be sent to the following address, including details of previous experience: Mr. Karl McCalla, Syntex Corporation, 3401 Hillview Avenue, Palo Alto, Calif. 94304, or call collect (415) 855-5401. We are an equal opportunity employer.

MYCOLOGIST

Ph.D. Assistant Professor combined with herbarium curatorship in the Farlow Herbarium, Harvard University. Position involves teaching and supervisory work in herbarium (half time) and research (half time). Good opportunity for academic advancement. Send résumé to: Prof. Reed C. Rollins, Gray Herbarium, 22 Divinity Ave., Cambridge, Mass. 02138

NEUROPHYSIOLOGIST

Research position for recent Ph.D. Collaboration in electrophysiological experiments which involve recording of unit and population activity in central nervous system and peripheral nerves. Knowledge of control systems theory, signal analysis, and computer data processing will be helpful. Participation in medical school physiology teaching; possibility of faculty appointment. Send résumé to

Box 396, SCIENCE

POSITIONS OPEN

PHARMACOLOGISTS, PHYSIOLOGISTS, GENETICISTS and HEMATOLOGISTS

The Peoria School of Medicine, a 3-year clinical school in the University of Illinois, College of Medicine, has four staff positions for persons who can teach neurosciences, endocrinology, genetics, immunology or hematology in an integrated organ systems program in the clinical years. Applicants must hold the Ph.D. or M.D. with a minimum of 2 years' experience and will be expected to develop research programs in community-related areas. Peoria School of Medicine is a new school offering challenging opportunities in education and research. A job description is available on request. Applications with curriculum vitae and letters of recommendation should be sent to the Coordinator of Basic Science Program, Peoria School of Medicine, 1400 West Main Street, Peoria, Illinois 61606. The University of Illinois is an equal opportunity employer.

ONE POSTDOCTORAL POSITION AND SEVERAL RESEARCH ASSISTANTSHIPS leading to the M.S. and/or Ph.D. degrees available in water resources or water pollution research. Preferred backgrounds are environmental engineering, chemical engineering, analytical chemistry, and aquatic biology. Write Chairman, Department of Environmental Science and Engineering, Rice University, Houston, Texas 77001.

An equal opportunity/affirmative action employer.

RESEARCH ASSOCIATE. Position 1 to 2 years in duration involving biomedical and behavioral recording of radiation effects in monkeys. Position requires experience in cardiovascular physiology, transducer implants and bioelectronics. New Ph.D. preferred, but will consider masters level applicants. Send curriculum vitae including references to Dr. A. Bruner, Lovelace Foundation, 5200 Gibson Blvd., S.E., Albuquerque, New Mexico 87108

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MATERIAL BIOSCIENCES ENGINEER

Engineer required for a growing Pace Maker Business. Must have had project responsibility in a medical physiological environment. Familiarity with clinical environment and/or surgical techniques desirable. Some exposure to plastics and material technology highly desirable.

Position entails the development and manufacturing follow-up of a variety of pace related products. Additionally some electronic experience or interest a definite plus.

Work is interesting, rewarding and at the forefront of the technology. Only dynamic, self-motivated professionals with above detail experience need apply. Please send résumé in complete confidence to: Personnel Department, American Optical Corporation, Crosby Drive, Bedford, Mass.



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