

## Biostatistics

Miles Laboratories, Inc., a multi-divisional chemical, pharmaceutical and consumer products company has an excellent opportunity for an analyst in the Corporate Operations Research Department.

The successful candidate will fill an expanding need in assisting all divisions with laboratory and clinical studies. The applicant should have formal training in biostatistics to the Masters or Doctoral level. He would be expected to provide consultation on protocols, experimental designs, and assist in analysis. His statistical knowledge would also be utilized in the areas: marketing, manufacturing, etc.

If you feel you possess excellent written and oral communications skills, and have the ability to deal effectively with middle and upper management personnel, we encourage you to submit a complete resume in confidence to:

Curtis A. Brown, Placement Representative, Dept. 559-A



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An Equal Opportunity Employer

## The University of Western Ontario CHAIRMAN OF THE DEPARTMENT OF ANATOMY

Applications are invited for this position, to be effective on or about September 1, 1972. The appointee would be responsible for the administration of the Department, as well as teaching responsibilities at the undergraduate and graduate level within the Faculties of Medicine, Dentistry, Science, Nursing, Graduate Studies, and Physical Education. This appointment would be for a five-year term renewable. Salary will be commensurate with training and experience. The closing date for applications is February 29, 1972.

Interested candidates should forward a copy of their curriculum vitae, list of publications, and the names of two referees to be contacted for letters of reference to:



**Dr. D. Bocking,**  
Dean of Medicine,  
The University of Western Ontario,  
London 72, Ontario, Canada.

## Personnel Placement

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### POSITIONS WANTED

**Biological Electron Microscopy, M.A.** in biology with related experience in electron microscopy and associated techniques. Please reply George E. Visscher, 602 Grove Street, Clifton, N.J. 07013 (202-472-1961).

**Biologist, Ph.D.** (genetics, 1965), broad training, 36. Special interest innovative undergraduate education. Desires to help build creative major in academically sound department. Write c/o Box 34823, Dallas, Texas 75234. 1/21

### POSITIONS WANTED

**Biologist/Chemist, Ph.D.**, university teaching experience, 14 years of research experience electrophoresis, protein, nucleic acid fractionation, tissue culture. Industry, university, government position. Interests: development, hormones, vitamins, cell biology, aging, enzymes. Box 9, SCIENCE. 1/21

**Biologist-Virologist, Ph.D.**, 12 years of experience in research (cocarcinogenesis, infectious diseases, tissue culture), teaching and administration. Seeks challenging position with responsibilities in these base areas related to human health. Box 1, SCIENCE. X

**Biophysicist, Ph.D.** physics, 1968. Postdoctoral experience in theoretical biophysics and in experimental BLM (membrane) research. Two years teaching undergraduates. Seeks teaching position. Will accept overseas position. Box 2, SCIENCE. X

**Biophysicist, Ph.D.** (1968) with broad training, including relaxation spectrometry; interest and experience in viral protein self-assembly; history of grant-getting success; desires research/academic position. Box 18, SCIENCE. X

**Cellular Molecular Biologist, Ph.D.** 1968, aged 31. Experience in cell cycle analyses, macromolecular syntheses, chromosome structure-function, animal viruses, cell and tissue culture, radioisotopes, electron microscopy. Two years postdoctoral, 2 years industrial research institute. Desires research-teaching or industrial position. Box 3, SCIENCE. X

**Clinical Biochemist** with 10 years postdoctoral experience wants position in clinical laboratory. Considerable toxicology experience. Box 4, SCIENCE. X

**Ecologist, 31, Ph.D.** early 1972, 4 years of college teaching. Desires position in ecology, population ecology, human ecology, or vertebrate zoology. Box 5, SCIENCE. X

**Ecologist, Ph.D.**, 23 years with Communicable Disease Center (USPHS) in vector-borne diseases, control, research, and training. Harold Stark, Box 551, Fort Collins, Colorado 80521. X

### POSITIONS WANTED

**Embryologist, Descriptive and Experimental, Ph.D.**, seeks teaching position with research opportunities in college or university, preferably in central or north-central area. Box 6, SCIENCE. 1/14, 21

**Endocrinologist, Ph.D.**, 1966, M.S., 1954. Extensive research experience in reproductive physiology, biochemistry, some pharmacology. Desires senior research appointment at university, industry, or non-profit institute. Would consider teaching-administrative position at small college. Box 19, SCIENCE. X

**Ethology, Behavior Genetics**, want interesting postdoctoral or other research position in the field or laboratory or both (no pointy-headed intellectuals please). I'm 31, married, strong biochemical background, recent European doctorate. Box 15, SCIENCE. X

**Experimental Pathologist**, graduate veterinarian, M.S., Ph.D.; experience in infectious diseases research; drug safety evaluation including toxicology, clinical pathology, teratology, chemical carcinogenesis; comparative pathology, histochemistry; research organization, administration; publications. Desires research, faculty, or industry position. Box 20, SCIENCE. X

**Microbiologist, Ph.D.** Postdoctoral, university experience, 4 years of teaching and research, interest medical microbiology and immunobiology, publications. Desires medical school, clinical, or research institute position. Box 21, SCIENCE. X

**Nutritionist-Biochemist, Ph.D.** (1969), with veterinary background. Publications. Postdoctoral experience. Seeks academic or industrial position. Box 22, SCIENCE. X

**Research Professor**, dedicated teacher seeks change. Experience as chairman. Qualified in polymers, hemorheology, hemodynamics, modeling, aging. Many honors, grants, publications. Can bring two membrane osmometers, vapor osmometer, light scattering apparatus, electrophoresis, many viscometers, microcalorimeter, spectrophotometer, polarimeter, interested? For résumé, write Box 10, SCIENCE. X

**Organic Geochemist/Oceanographer, Ph.D.**, experienced in analysis of trace organics in sea water and marine sediments. Seeks research/teaching position. Box 7, SCIENCE. X

**POSITIONS WANTED**

**Pharmacologist, Ph.D.**, 5 years experience teaching/research, presently associate professor. Research grant, inflammation. Publications. Seeks academic position. Available July 1972. Box 8, SCIENCE. X

**Physiological Zoologist, Ph.D.**, 1969, and wife, **Physical-Inorganic Chemist, Ph.D.** 1967, seek academic positions in college or university. Competence in physiology of vision and ESR, respectively. Box 17, SCIENCE. X

**Professor (Ph.D.)** seeks interesting and responsible position. Extensive research, teaching, administrative experience medical schools and universities. Seventy-five publications visual biochemistry and neurophysiology. Grants. Available immediately. Box 16, SCIENCE. X

**Technical Editor and Writer, Ph.D.** (1961). Diversified research experience. Published book chapters. Résumé upon request. Box 11, SCIENCE. X

**Zoologist, Ph.D.** Desires teaching-research position for September 1972. Publications and research in mammalian ecology as related to mineral and nutrient cycling. Systems analysis experience. Box 12, SCIENCE. 1/14

**Zoologist, Ph.D.**, 40, 8 years of university teaching experience in a variety of subjects. Special teaching and research interests in invertebrate zoology, entomology, parasitology. Seeks teaching position with opportunity for research. Box 13, SCIENCE. X

**Zoologist, Ph.D.**, 30. Biochemistry, physiology, or parasitism. College teaching, postdoctoral experience. Publications. Desires academic position. Box 14, SCIENCE. X

**POSITIONS OPEN**

**GRADUATE COLLEGE DEAN**

Large urban medical center with an established but evolving and varied program graduating about 42 Ph.D. students a year in several health sciences disciplines. An active, innovative administrator with good teaching and research background, and sense of dedication to high academic standards, is sought. Respondant may be of any age but should have experience in management of funds and preferably in acquisition of extramural support. Replies will be directed to the chairman of the search committee, and will be treated as privileged. Inquiries about respondents will not be made without preliminary discussion and the respondent's consent.

Box 23, SCIENCE

**POSITIONS OPEN**

**BIOLOGIST-SENIOR**

**Ph.D. in aquatic ecology or biology** required with minimum of 5 years experience. Must have field experience and proven report writing capability. Competency in design of experiments and statistical interpretation of data preferred but not required.

**OFFICE LOCATION**—Tappan, New York (Rockland County)

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**POSITIONS OPEN**

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Position for a Toxicologist with 2 to 3 years of experience in the field, who has a special interest in working with non-human primates. Post-graduate training in physiology would be desirable.

For further information please direct a resume of your qualifications to:

Research Personnel  
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**GRADUATE STUDY**

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**FELLOWSHIP**

**POSTDOCTORAL FELLOWSHIP IN  
MICROBIOLOGICAL CHEMISTRY**

This Fellowship is available at the Research Council of Alberta (laboratories on the campus of the University of Alberta) in fundamental research related to lipid metabolism.

Applicants should be recent Ph.D. graduates. Previous experience in enzyme and/or lipid work is desirable.

The Fellowship is awarded on a 1-year basis with a maximum tenure of 2 years. The annual stipend, which is currently income tax free is \$6400, for the first year. No extra allowance is granted for travel.

Address inquires to:

The Director of Research  
Research Council of Alberta  
U of A Campus  
EDMONTON 7, Alberta  
Canada

**COURSES**

**SANTA CATALINA MARINE BIOLOGICAL  
LABORATORY**

The Santa Catalina Marine Biological Laboratory is pleased to announce its Spring Program for 1972: **MARINE ECOLOGY** (Drs. Jack Lewis of the Wellcome Marine Laboratory, Leeds University, England, and Robert Given) will be offered 6 January to 9 February; **MARINE BOTANY AND PHYSIOLOGY** (Drs. George Hollenberg and Nancy Nicholson), 14 February to 18 March; **MARINE INVERTEBRATE ZOOLOGY** (Drs. Kristian Fauchald and Robert Given), 23 March to 26 April; and **DEVELOPMENTAL BIOLOGY OF MARINE ORGANISMS** (Drs. Robert Woollacott and Russel Zimmer), 1 May to 3 June. Each of these graduate level classes carries five semester units credit; registration is through the University of Southern California and is available to advanced undergraduates, graduates, and postgraduates.

Supplementing our formal coursework, independent or directed **RESEARCH** may be pursued at any time during the year.

For additional information, write to **Dr. Russel L. Zimmer, Santa Catalina Marine Biological Laboratory, Box 398, Avalon, California 90704** or telephone Area Code 213, Avalon 811 (operator's assistance is required).

**NATIONAL RESEARCH COUNCIL OF CANADA**

**DIVISION OF BIOLOGY (OTTAWA)**

requires a

**BIOMATHEMATICIAN**

**DUTIES:**

To lead the Division's Biomathematics group in collaborative investigations in quantitative biology, and in development of automatic data processing facilities. Current areas of investigation include kinetics of microbial and plant cell culture growth; mechanisms of recovery from radiation damage of the mouse intestinal crypt-villus system; translocation of pollutants through a river ecological system. Independent studies may also be undertaken.

**FACILITIES:**

Organized collaboration with biological research groups; access to NRC IBM 360-67 computer via own terminal; within group computer programmers with cooperation from NRCC Computation Centre staff; immediate access to National Science Library, located in NRCC.

**QUALIFICATIONS:**

A Ph.D. degree in biomathematics, or in a related field with some formal background in biology, and several years of post-doctoral research experience. Demonstrated group leadership qualities plus desire and ability to collaborate effectively with biologists in joint programmes.

**SALARY:**

This is a senior position with initial salary up to \$24,500 p.a. depending on qualifications of the successful candidate. Travel and removal expenses are also available, along with other coverage such as superannuation plan, hospital and medical insurance, salary insurance, etc.

Please apply in writing to the Employment Officer, National Research Council of Canada, Ottawa, Ontario, K1A 0R6, giving full information on education and experience. Please quote file BY-71-7.

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**HISTOPLASMOSIS:** Proceedings of the Second National Conference. Held at the Center for Disease Control, Atlanta, Georgia. *Editorial Board:* Libero Ajello; Ernest W. Chick; and Michael L. Furcolow. (61 Contributors) '71, 540 pp. (6 3/4 x 9 3/4), 72 il., 113 tables, \$34.00

**ANIMAL EXPERIMENTS IN PHARMACOLOGICAL ANALYSIS** by Floyd R. Domer, *Tulane Univ., New Orleans.* '71, 688 pp., 65 il., 1 table, \$26.50

**COMPARATIVE REPRODUCTION OF NONHUMAN PRIMATES** edited by E. S. E. Hafez, *Wayne State Univ. School of Medicine, Detroit.* (21 Contributors) '71, 557 pp., 301 il. (14 in full color), 38 tables, \$29.50

**EFFECTS OF METALS ON CELLS, SUBCELLULAR ELEMENTS, AND MACROMOLECULES** edited by Jack Maniloff, James R. Coleman, and Morton W. Miller, *all of the Univ. of Rochester, New York.* Foreword by Aser Rothstein. (26 Contributors) '70, 416 pp., 120 il., 24 tables, \$20.50

**CHEMICAL FALLOUT: Current Research on Persistent Pesticides** edited by Morton W. Miller and George G. Berg, *both of Univ. of Rochester, New York.* Foreword by Aser Rothstein. (33 Contributors) '69, 560 pp., 180 il., 105 tables, \$22.50

**HUMAN ECOLOGY AND SUSCEPTIBILITY TO THE CHEMICAL ENVIRONMENT (3rd Ptg.)** by Theron G. Randolph, *The Swedish Covenant Hospital, Chicago.* '70, 160 pp., 1 il., \$7.50

**THE ROLE OF MYCOPLASMAS AND L FORMS OF BACTERIA IN DISEASE** edited by John T. Sharp, *Baylor College of Medicine, Houston.* (18 Contributors) '70, 400 pp. (7 x 10), 123 il., 15 tables, \$26.50

**EXPERIMENTAL MUSCULAR DYSTROPHIES IN ANIMALS: A Comparative Study** by Ira Rockwood Telford, *The George Washington Univ., Washington, D. C.* In Collaboration With Larus Einarsen. '71, 264 pp., 166 il. (2 in full color), 13 tables, \$17.50

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## Research Microbiologist

The Marshall Division of Miles Laboratories, Inc., a world leader in the application of microbiology and enzymology to the dairy and food industries, has an excellent opportunity for a Research Microbiologist.

Successful candidate must have a PhD. in microbiology with expertise in fungal genetics and mycology. This individual should also possess a strong background in cell biology and biochemistry. The responsibilities will include the development of genetic systems and consultation with other scientists involved in strain improvement programs.

Location will be in Elkhart, Indiana, an excellent family environment abounding with educational and recreational facilities. We offer an excellent starting salary plus a superior benefits program, including profit sharing. Relocation expenses paid by the company.

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