

VERTEBRATE PALEONTOLOGY

LABORATORY SUPERVISOR

The Department of Vertebrate Paleontology of The American Museum of Natural History has an opening for a Laboratory Supervisor to assume responsibility related to the cleaning, preparation and reconstruction of vertebrate fossil bone. In this position the individual will be utilizing a variety of mechanical and chemical techniques and will be expected to develop and apply new or original techniques where needed, i.e. specially prepared thin sections; cast and mold making. In addition, the supervisor may be called upon to assist the department's curators and field exploration, do basic mapping, fossil identification and supervise field crews.

The successful candidate will have solid experience as a preparator of vertebrate fossil material, high level skills with material requiring special and/or original techniques, a degree in Geology/Biology and advanced college course work in Vertebrate Paleontology, Vertebrate Anatomy or Stratigraphy. Supervisory experience, as well as field experience in vertebrate paleontology and/or geology would be an asset.

To apply send resume along with current salary and requirements to: Jerome Williams, Personnel Department



American Museum of Natural History

79th Street and Central Park West
New York, NY 10024

An equal opportunity (M/F/H) affirmative action employer

BIO-MEDICAL ENGINEER \$34,400 PER YEAR

Exciting position with a dynamic and growing medical center. Qualified candidate will possess a master's degree in electrical engineering and will have had five or more years of experience in a research environment. Previous collaboration with nonengineers in medical and/or biological research is required. The successful candidate must be experienced in the following areas: Spectral analysis techniques; data acquisition with microprocessors; service and maintenance of instrumentation for biologic laboratories; design and prototype construction of new research instrumentations; extensive programming in machine languages, BASIC, and FORTRAN; and hardware and software support for intraoperative monitoring of sensory evoked potentials.

Position involves the development and operation of hardware and software for production of an automatic anesthesia record, using commercially available components to the maximum extent consistent with cost-effectiveness. Evaluation of new devices and technology of interest to the Department of Anesthesiology. Development and implementation of telecommunications systems for linking large and small hospitals, including semiautomatic data acquisition and transmission. Development and implementation of hardware and software to support the clinical, research, and education programs of the Department of Anesthesiology. Collaboration in anesthesia, research with faculty member and fellows, including: Assistance with clinical and laboratory studies, participation in design and conduct of experiments, assistance with management, and analysis of clinical and experimental data. Development and implementation of computer programs for analysis of electroencephalographic and evoked potential wave forms. Assistance with design and preparation of proposals for research funding. Other duties as assigned by the Director of Anesthesia Research. Send résumé to: Oklahoma State Employment Service, 3105 East Skelly Drive, Tulsa, Okla. 74105. Refer to Job Order Number 090415.

POSITIONS WANTED

Neurobiologist, Ph.D. 1977. Excellent publications, including brain inflammation. Extensive experience with autoradiographic determination of blood flow and metabolism. Experience with delayed hypersensitivity. Excellent knowledge of biochemistry. Seeks position with innovative inflammation research group in pharmaceutical industry. Box 143, SCIENCE. 6/1,8

Nutritionist/Administrator/Communicator. Ph.D. 1983 (experimental nutrition). Publications; 3 years of corporate business experience; 2 years of university teaching experience. Seeking university or industry position with visibility and growth potential, nonresearch preferred. Box 124, SCIENCE. X

Physiologist, B.S. (biology) 1981. M.S. (physiology) 1983. Strong background in endocrinology, cell physiology, and biochemistry. Experienced in high-efficiency protein radioiodination, development of membrane receptor binding assays, in vitro superfusion of tissues, tissue culture, and a broad variety of biochemical techniques. Good at programming in BASIC. Seeks a research position. Box 145, SCIENCE, or telephone: 415-591-9248 6/1,8

Physiologist, M.D., Ph.D., 35 years in basic research in nutrition and gastroenterology, seeks senior research position in academia or industry. Box 146, SCIENCE. 6/1,8

Plant Biotechnologist, Ph.D. 1981. Extensive experience with in vitro plant genetic manipulation systems; tissue culture, protoplast isolation, culture and manipulation. Commercially oriented, internationally experienced, with 12 patents and 24 publications; seeks challenging, highly responsible industrial research position. Prefers ambitious recent start-ups or established aggressive firms. Available July 1984. Box 147, SCIENCE. X

POSITIONS OPEN

ANATOMY

Two full-time faculty positions in anatomy are available starting in fall 1984. One position will be in general anatomy and one will be in neuroanatomy. An M.S. in anatomy or related field will be required. Preference will be given to candidates with a Ph.D. and teaching experience. Deadline for applications is 22 June. Send application and résumé to: Theodore J. Kalthoff, Ph.D., Cleveland Chiropractic College, 6401 Rockhill Road, Kansas City, Missouri 64131.

AQUACULTURIST—Tenure-track position, September 1984. Ph.D. in mariculture and another primary field from parasitology, fisheries, microbiology, genetics, physiology, or population ecology. Excellence in undergraduate teaching and research expected. Small college with strong reputation in marine sciences located on Shinnecock Bay (Long Island). Send résumé to: Search Committee, Natural Science Division, Southampton College, Southampton, New York 11968. Telephone: 516-283-4000, extension 161.

AQUATIC ECOLOGIST. Sea Grant Postdoctoral Scholarship available 1 July 1984 for quantitative ecologist to examine the community interactions and bioenergetics of Great Lakes fishes. Experience in modelling and/or population dynamics desirable. One-year appointment with possible extension. Send curriculum vitae and three letters of recommendation by 20 June 1984 to: Dr. S. B. Brandt, State University of New York College of Environmental Science and Forestry, Syracuse, New York 13210.

ASSISTANT PROFESSOR DIVISION OF HEMATOLOGY/ONCOLOGY UNIVERSITY OF VERMONT COLLEGE OF MEDICINE

Full-time academic appointment with patient care and teaching responsibilities in hemostasis and thrombosis. Time allocated to lead research projects in hemostasis and thrombosis. Applicants will be involved in clinical programs in venous thrombosis and pulmonary embolism. Applicants must have M.D. or Ph.D. and M.D. degree, be Board-eligible in general internal medicine and/or hematology. Individual shall hold research grant/career award providing at least 50 percent of annual salary. Qualified and interested applicants should send curriculum vitae, names and addresses of three references, and brief outline of future research interests by 1 July 1984 to: John C. Hoak, M.D., Professor and Chairman, Department of Medicine, Fletcher House, Medical Center Hospital of Vermont, Burlington, Vt. 05401. An Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply.

GENETICS

ASSOCIATE PROFESSOR/SENIOR LECTURER

Applications are invited from suitably qualified persons, regardless of sex, race, colour or national origin, for appointment to the post of Associate Professor/Senior Lecturer in the Department of Genetics.

Applicants should have a PhD in Genetics or an equivalent qualification in an appropriate related field such as Microbiology or Biochemistry together with a working knowledge of Genetics.

The successful applicant will be expected to teach topics in Prokaryotic Molecular Genetics and Genetics of Micro-organisms to third year and Honours students and to undertake the supervision of post-graduate students in these fields. A knowledge of recombinant DNA technology and an interest in the molecular genetics of higher plants will be a recommendation.

The salary range attached to the post is as follows:

Associate Professor: R21 237 - R26 115 per annum
Senior Lecturer: R16 557 — R24 045 per annum

A pensionable allowance of 12% is also payable. The initial salary notch will be determined according to the qualifications and experience of the successful applicant.

Benefits for full-time permanent staff include pension and medical aid fund membership, an annual bonus, generous leave privileges, 75% remission of tuition fees for dependants attending the University and a housing subsidy, if the applicant is eligible. A removal, travel and settling-in allowance may be payable.

Applications should be lodged by 31 July 1984.

For a detailed information sheet write to the Assistant Registrar (Academic Staffing),

UNIVERSITY OF THE WITWATERSRAND
1 Jan Smuts Avenue, Johannesburg 2001,
South Africa