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

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

before issue date (Friday of every week).

DISPLAY: Positions Open. Rates listed below—no charge for Bcx 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 SCIENCE, Room 1740, 11 West 42 St., New York 36.

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Replies to blind ads should be addressed as follows:

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

POSITIONS WANTED

Biochemist, Ph.D. Strong immunochemistry background, some microbiology and virology. Teaching experience. Desires teaching/research or suitable clinical laboratory position. Box 41, SCIENCE.

(a) **Biochemistry Ph.D.**, organic chemistry minor; university teaching, heart research experience; seeks research appointment. (b) **Bacteriology M.S.**, vaccine development, virology, tissue culture experience; desires industrial position. Write Woodward Medical Personnel Bureau, 185 North Wabash, Chicago 60601.

Broadly trained **Biologist**, **Ph.D.**, experience in public health administration, research, and teaching. Desires nonfederal overseas position, research administration preferred. Box 38, SCIENCE.

Electron Microscopist, Ph.D. zoology, experience in histochemistry, cytology, histology. Publications. Teaching and/or research position. Box 39, SCIENCE.

Microbiologist Ph.D.; 5 years' teaching experience in microbial physiology and genetics. Broad biology background. Industrial and governmental research experience. Grant supported research. Seeks teaching-research position in a progressive microbiology or biology department. Box 40, SCIENCE.

Pharmacologist (Ph.D.)-Scientist Administrator. Available after 1 February. Box 43, SCIENCE. X

Ph.D. Virologist, Microbiologist, broad back-ground, epidemiology tissue culture, and so forth. Seeks institutional research or academic position. Box 27, SCIENCE.

POSITIONS OPEN

DEPT OF BIOLOGY HEAD. The University of Alberta, Calgary, invites applications for the position of Head of the Department of Biology, effective 1 September 1965. Appointment will be at the rank of Associate of or full Professor, with salary range to \$14,000.00 Demonstrated ability in research and administration, and interest in the development of a rapidly expanding department are essential. The area of research interest is open. Currently there are eleven full-time academic staff members. A graduate program has been initiated and the department will acquire spacious new facilities during the coming summer. Applications and inquiries should be addressed to Dean, Faculty of Arts and Sciences, University of Alberta, Calgary, Alberta, Canada. Curriculum vitae should include names of three referees. Closing date, 13 March 1965.

POSITIONS OPEN

Applications invited for the following positions: Assistant or Associate Professorships, depending on qualifications, are available in the fields of physiology, and histology and embryology. Teaching and research experience desirable. Applicants should have D.V.M. and/or Ph.D. degree. Salary \$8000 and up. Apply to Dean, College of Veterinary Medicine, University of Saskatchewan, Saskaton, Saskatchewan, Canada.

Biologists-Experienced, Ph.D. with some botanical training and competence in zoological area. M.S. to teach a terminal biology course. Opportunity for research. Write and include resume

> Chairman, Dept. of Biology Villanova University Villanova, Penna.

BIOLOGIST

to teach natural science biology, ecology, and other biology courses. Liberal arts college. Midwest. Start September 1965 as assistant or associate professor. \$7000 to \$11,000 for 9 months plus 12 percent for 5-week summer session. Excellent fringe benefits. Permanent position. Write: Dean Allen Jackson, Morningside College, Sioux City, Iowa.

PHYSICIST and BIOLOGIST

Physicist: To teach general physics and to develop advanced undergraduate physics

courses.

Biologist: To teach microbiology and general biology. \$5900 to \$11,500.

Write Robert T. Brunfield, Department of Natural Sciences, Longwood College, Farmville, Virginia.

Postdoctoral research fellowship. Biochemist Ph.D., major interests in biochemistry or pharmacology and minor interests in organic chemistry. Studies include isolation, pharmacology and metabolism of indoles in relation to neural and cardiovascular phenomena. Resume to Dr. R. G. Taborsky, Research Division, Cleveland Clinic Foundation, Cleveland 6, Ohio

Research Opportunities in Virology and Biochemistry available for well-qualified candidates (Ph.D.) with a non-profit organization with a multidisciplinary investigational program in both clinical and basic sciences. Applicants must offer evidence of ability to conduct original research work and to implement and direct expansion of the presently available facilities. For further information write: C. J. Falliers, M.D., Medical Director, Children's Asthma Research Institute and Hospital, 3401 West 19th Avenue, Denver, Colorado 80204.

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A biochemist (or biochemical pharmacologist) and a physiologist are required to carry out basic studies of environmental stress involving hyperbaric oxygen, climactic extremes, pressure and acceleration. The Medical Laboratories provide excellent research facilities, unique in Canada, and publication is encouraged.
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Starting Salary: Up to \$15,000 a year, depending on qualifications and experience. Please apply in writing, enclosing curriculum vitae, to the Defense Research Member Canadian Joint Staff
2450 Massachusetts Avenue, NW Washington, D.C. 20028
and refer to File 65-DRML-lc 2/12, 19

BIOLOGISTS for hydatid research. Senior Research Officer with postgraduate research in helminthology to develop aspects current immunity programme, salary within &NZ2100-2500. Research Officer with postgraduate research experience to study primarily tapeworm eggs and development embryos, salary within &NZ1500-2000. Appointment to December 1967. Transportation allowances. Applications close February 28, 1965. Write airmail for details. Administration Officer, Medical Research Council, Box 913, Dunedin, New Zealand.

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Microbiologist

We seek a resourceful, energetic Ph.D. Microbiologist or Biochemist with primary interest in microbiology for challenging assignment in industrial fermentations. Responsibilities require direction of several technicians in the development and improvement of antibiotics, organic acids, vitamins and other compounds and will include work on culture studies, nutritional requirements, metabolic and physiological conditions, etc. Full latitude in experimental approaches is encouraged.

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Biochemist. Concerned with problems of intermediary metabolism, isolation and characterization of metabolites, nutrition and general biochemistry.

Microbiologist-Virologist. Programs involve virology as related to bacterophages, and viruses in water and wastes, including applied virology.

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Food Clinicologist, Responsibilities include working on problems in food formulation, food ingredients, and food processing.

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Primary factors to be considered in all responses will be the nature and extent of professional experience, willingness to engage in both basic and applied research applicable to the solution of industrial and health oriented problems. Ability to communicate effectively and prepare written reports is important. Salary is open.

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Forward your résumé and salary requirements to Mr. L. G. Hill.

BATTELLE MEMORIAL INSTITUTE

COLUMBUS LABORATORIES

505 King Ave., Columbus, Ohio 43201

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POSITIONS OPEN

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For new research institute in large western rural medical center. Develop and coordinate research programs in clinical and basic sciences. Coordinate graduate education program. University faculty appointment. Ph.D.-M.D. combination preferred. Excellent opportunity Replies confidential. Send complete résumé. Salary open.

Box 42, SCIENCE

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Missile & Space Division

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cology Research Assist; chemistry training; Central drug firm.

Faculty Appointments: (f) Ph.D. Biology, invertebrate zoology training; BSCS approach; central college; to \$7500. (g) Biologist (Physiology); southern college; \$8000 plus and tenure. (h) Ph.D. Microbiologist, medical; develop graduate courses; associate professor; excellent research. (i) Ph.D. Biologist, experience in molecular biology; research; southwestern university. (h) Animal Physiologist; introductory and upper division teaching; eastern university. (k) Mathematics, physics teaching; research; chairmanship opportunity; New England college (l) Ph.D. Cytologist; course work, research experience; southopportunity; New England college (I) Ph.U. Cy-tologist; course work, research experience; south-western college. Please write Science Service, The Medical Bureau, Inc., 900 North Michigan Ave-nue, Chicago, Illinois 60611.

Research Position, GS-13, available on team investigating problems related to the pathogenesis of atherosclerosis. Ph.D. with background in microbiology desired. Salary up to \$12,075. Contact Personnel Division, Brooklyn VA Hospital, 800 Poly Place, Bklyn, N.Y.

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An equal opportunity employer

TRAINEESHIPS IN DIABETES available for candidates with M.D. or Ph.D. degrees. Salaries according to qualifications. Write to: Division of Research, Sinai Hospital of Detroit, 6767 West Outer Drive, Detroit, Michigan 48235.

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Head, Department of Physiology University of Illinois at the Medical Center Chicago, Illinois 60612

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FELLOWSHIPS

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For application form and information write: Professor Nevin S. Scrimshaw, Head of Department of Nutrition and Food Science, Massachusetts Institute of Technology, Cambridge, Massachusetts, 02139.

Teaching and research assistantships available Teaching and research assistantships available June 1 and Sept. 1 at the Carver Research Foundation and Tuskegee Institute leading to graduate degrees in Agriculture, Biology, Chemistry, Nutrition, and Food Science and Technology. Stipends starting at \$2400 the year. Apply: The Director, Carver Research Foundation of Tuskegee Institute, Tuskegee Institute, Alabama 36088

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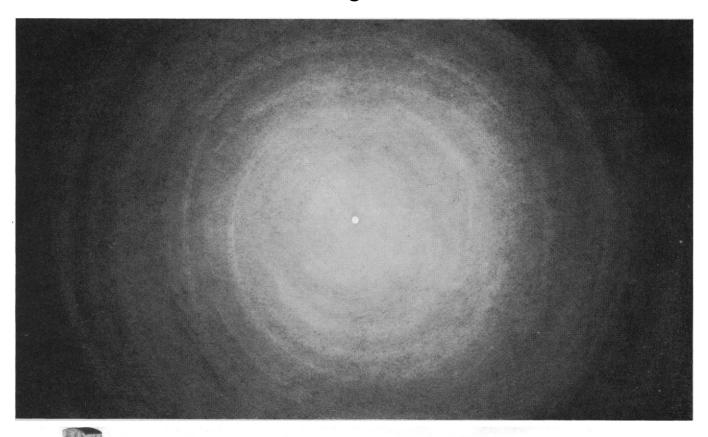
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(on the light side)





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sorption of biological materials at high N.A. For phase contrast... turret and long-working distance condensers and objectives, with phase altering patterns in the rear focal plane, for selective differentiation of specimens without staining. For polarized light... analyzers, polarizers and retardation plates, for birefringence studies. For fluorescence... a Mercury arc lamp, exciter and barrier filters, non-fluorescing optics for all primary and secondary fluorescence and antibody testing. Ask for a demonstration or send for our new Advanced DynaZoom catalog, D-185, also our "Model Maker—Cost Finder," D-1142 and mention the illumination you're interested in. Write Bausch & Lomb Incorporated, 64214 Bausch Street, Rochester, New York 14602.

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with



SPECTROPHOTOMETER, Hitachi Perkin-Elmer Model 139 UV-VIS, range 195 to 900 mµ. Diffraction grating type, compact modular construction, completely a.c. line operated, for precise research or control use. Excellent design and workmanship provide an instrument of outstanding accuracy, stability, and versatility.

Linear Wavelength Control. Easily readable dial, with uniformly spaced divisions over 1 mm wide, corresponding to 0.5 mμ.

Wide-Range Phototube. Single tube covers entire range from 195 to 900 mμ. Sensitivity is high throughout complete range. Dark current is very low.

Thomas Digital Readout. Indicates absorbance or transmittance as four large digits in illuminated window. Accuracy $\pm 0.1\%$. Eliminates subjective reading errors of estimation and parallax, and increases convenience and accuracy of readings in routine serial determinations. Can be placed directly on monochromator housing.

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9096-E15. MODEL 139-PM SPECTROPHOTOMETER with Photomultiplier, and Digital Readout*, range 195 to 700 m_{\(\mu\)}, complete outfit as shown in illustration. Including a.c. power supply for the photomultiplier. With hydrogen and tungsten lamps, 4-place cell holder, set of 4 matched fused silica 10 mm absorption cells, etc. For 115 volts, 50 or 60 evoles, a.c. 60 cycles, a.c....

9096-E30. MODEL 139 SPECTROPHOTOMETER with Printout and Accessories, range 195 to 900 m μ , without Photomultiplier. Consisting of Spectrophotometer with standard wide-range phototube in place of Photomultiplier, and with accessories to provide printed readings consisting of 9096-J10 Print-Drive Readout, 9096-J50 Printout and 9096-J80 Identification Sequencer. For 115 volts $\pm 10\%$, 50 or 60 cycles a c 50 or 60 cycles, a.c.....

9096-J50. Printout, to provide 8-column printed record on paper tape. The four digits on the right are for absorption or transmittance readings as fed from the Print-Drive Readout. The four columns at the left are for identification digits as fed from 9096-J80 Sequencer. For 115 volts, 50 or 60 eveles a.c. 1500.00

* For use only on Model 139 Spectrophotometers sold by us which have been modified in our plant for connection of these Readouts.

More detailed information sent upon request.



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