

PERSONNEL PLACEMENT

CLASSIFIED: Positions Wanted. 25c per word, minimum charge S4. Use of Box Number counts as 10 additional words. Payment in advance is reauired.

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 Box 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.

Single insertion 4 times in 1 year \$65.00 per inch 60.00 per inch

For PROOFS on display ads, copy must reach SCIENCE 4 weeks before date of issue (Friday of every week).

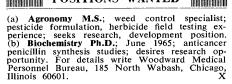
Replies to blind ads should be addressed as follows:

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

POSITIONS WANTED

(a) Ph.D. Biochemistry and Nutrition; industrial, institutional research experience; animal, human agricultural studies; publications; seeks industrial research/administration. (b) M.S. Science Education (B.A., A.S.C.P.); experience and preference; faculty appointment training registered technicians/departmental administration. Please write Science Service, The Medical Bureau, Inc., 900 North Michigan Avenue, Chicago, Illinois 60611.

POSITIONS WANTED



Biologist, B.S., male; 12 years of industrial pharmacology-toxicology, 2½ years of clinical biochemistry. Publications. P.O. Box 30123, Cincinati, Ohio 45230.

Cytologist-Histologist, Ph.D. Teaching and research experience. Hematologic and cytogenetic research. Prefers academic position. Box 145, SCIENCE.

Microbiologist, Ph.D., postdoctoral experience in electron microscopy. Desires teaching and/or research, New York City area but will relocate. Box 144, SCIENCE. 5/14

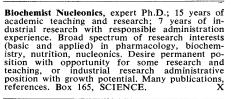
Microbiologist Ph.D., teaching and research experience (microbiology, exobiology, biodetection, and sterilization). Desires teaching and/or research position. Box 161, SCIENCE.

Ph.D., experimental morphologist, radiobiologist; experience includes teaching in general biology, histology, embryology, radiobiology. Numerous publications in radiobiology. Desires associate professorship, to teach and do research. New York City or environs. Box 166, SCIENCE. X

Sensory/Physiological Psychologist Ph.D., 33. Experience primate conditioning, electrical recording, EEG. Teaching experience. Prefer aerospace-related research. Box 167, SCIENCE. X

Vertebrate Zoologist, Ph.D. Fifteen years of college and university experience. Seeks teaching-research position for one year (1965–1966) or on a permanent basis. Box 160, SCIENCE. 5/14

POSITIONS WANTED



Ph.D. Agricultural Education, special interest in technology and the history of science, 6 years of teaching experience at secondary and junior college levels in biology. Available August 1965. Box 163, SCIENCE.

POSITIONS OPEN

BOTANIST, Operations Analyst. Attractive position open for a Botanist, Plant Ecologist or Plant Geographer at M.S. or Ph.D. level. Assignments will include the description of environments in which man-machine systems interact in terms permitting a mathematical analysis and prediction of the system performance. Position provides the opportunity to relate the strong interactions of vegetation and plant life with the systems being studied.

Please send resume to: C. N. Rentschler, Cornell Aeronautical Laboratory, Inc., Buffalo, N.Y. 14221

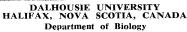
An Equal Opportunity Employer

LABORATORY TECHNICIAN

College graduate with degree preferred. Must be trained and experienced in blood group serology and genotyping. Salary commensurate with experience, ability, and education. Excellent program of employee benefits.

Please write Personnel Office, Indiana University, Medical Center, 1100 West Michigan Street, Indianapolis, Indiana.

POSITIONS OPEN



Applications are invited for a position in the department to be assumed not later than 1 September. The appointment will be made at the Assistant or Associate Professorship level, rank and salary depending on qualifications and experience. Minimum salary is \$7000 for an Assistant Professor and \$9000 for an Associate Professor.

Preference will be given to applicants with spe-cialization in experimental vertebrate biology in-cluding development or vertebrate ecology.

Applications with curriculum vitae, list of publications, and letters of recommendation should be submitted to Head, Department of Biology, Dalhousie University, Halifax, Nova Scotia, Canada.

Laboratory Technician for Medical Genetics

College graduate with degree preferred. Strong background in biochemistry desirable. Duties include instrumentation, chromatography, and photospectometery. Salary commensurate with experience, ability, and education. Excellent program of employee benefits.

Please write Personnel Office, Indiana University Medical Center, 1100 West Michigan Street, Indianapolis, Indiana.

SCIENTIFIC EDITOR AND WRITER

To edit manuscripts for submission to scientific journals, to help edit and publish scientific newsletters, and to write semipopular articles explaining the background of current research in the atmospheric sciences to interested laymen and scientists in other fields.

Write Personnel Department, National Center for Atmospheric Research, Boulder, Colorado 80301 5/21

VETERINARY PATHOLOGIST, Ph.D. Histological evaluation of prepared slides or gross tissues from experimental and research animals. Westside Pathology Laboratory, 3004 Santa Monica Blvd., Santa Monica, California 90404.

BIO . **CHEMIST** Ph.D.

TO HEAD RESEARCH & DEVELOPMENT TEAM

with leading manufacturer of enzymes, fermentation products, and chemical specialties.

Development of new enzyme systems for use in pharmaceutical and industrial applications. Requires thorough background in enzyme and protein chemistry. Up to 5 years' experience.

Distinct opportunities for professional growth. Salary open. Excellent benefit programs including profit sharing.

> For further details, write in confidence to:

PERSONNEL DIRECTOR

WALLERSTEIN CO.

Division of Baxter Laboratories, Inc. STATEN ISLAND, N.Y. 10303

An equal opportunity employer

POSITIONS OPEN

CLINICAL RESEARCH ASSOCIATE (PHARMACEUTICALS)

Expanding pharmaceutical company in Fairfield County, Connecticut, has an opening in its Clinical Research Department for an experienced scientist with advanced degree

Knowledge of medical terminology and pertinent government regulations necessary. Scientific writing ability essential. Send complete résumé of education and experience along with salary requirements

S. Avakian, Ph.D.
THE DENVER CHEMICAL
MANUFACTURING COMPANY
35 Commerce Road
Stamford, Connecticut

UNIVERSITY OF OTTAWA CANADA CHAIR OF PHARMACOLOGY

Applications are invited for the Chair of Pharmacology, Faculty of Medicine. Candidates should hold an M.D. or a Ph.D. degree. The department is responsible for undergraduate course in pharmacology for medical students. Facilities are available for accepting students for M.Sc. and Ph.D. degrees. Inquiries together with a curriculum vitae should be addressed to J. J. Lussier, M.D., Ph.D., Dean, Faculty of Medicine, University of Ottawa, Ottawa, Ontario.

LABORATORY TECHNICIAN

College graduate with degree preferred. Must be trained and experienced in histology work. Salary commensurate with experience, ability, and education. Excellent program of employee benefits.

Please write Personnel Office, Indiana University Medical Center, 1100 West Michigan Street, Indianapolis, Indiana.

PHARMACOLOGIST. Excellent opportunity currently available at our Philadelphia Research Laboratories for a pharmacologist with a B.S. in pharmacology or biology and 2 to 4 years' experience in pharmacology or an M.S. in pharmacology or physiology. Position involves conducting pharmacological research with special emphasis on respiration. National offers an excellent salary and fringe benefits program. If interested, please submit résumé to C. D. Wright, The National Drug Co., Div. of Richardson-Merrill, Inc., 4663 Stenton Avenue, Philadelphia, Pennsylvania 19144.

An Equal Opportunity Employer

(a) Ph.D. Mathematician, interdepartmental research; Northeastern university. (b) B.S./M.S. Assistant, chemistry/protein training: Southwest; to \$7000. (c) Drug Store Product Development; to \$7000. (c) Drug Store Product Development; mechanical aptitudes, inventive; pharmacy/premedical degree; Central firm; to \$9500. Faculty Appointments; (d) Pharmacology Chairman; northwestern university. (e) Medical Bacteriologist, good research facilities; West. (f) Biologists, eastern college. (g) Zoologist, liberal arts college; Mideast. (h) Botanist, northwestern university; to \$7500. Many others at Science Service, The Medical Burcau, Inc., 900 North Michigan Avenue, Chicago, Illinois 60611. X

ATOMIC ENERGY OF CANADA LIMITED Chalk River Nuclear Laboratories REFERENCE LIBRARIAN

Applications are invited for this responsible post from library school graduates who have considerable experience in reference or special library information work. Preference will be given to applicants who have additionally a degree in

The work is challenging and will involve the selected candidate in assisting scientists and technologists to locate information from the bookstock and periodical literature abstracts and indices. The Reference Librarian will also be responsible for an extensive research report collection, and will undertake the preparation of reading lists and bibliographies on request. A knowledge of special library collections in Canada and the U.S. would be an advantage.

Project staff live in Deep River situated on

Project staff live in Deep River situated on the Trans-Canada Highway and overlooking the beautiful Ottawa River. The capital is 2½ hours away by car, the Algonquin Provincial Park is closer still. There is scope for cultural and recreational activities the year round.

Salary range \$7050 to \$8000.

Write to: File 4 D
Atomic Energy of Canada Limited
Chalk River, Ontario

The Market Place

DISPLAY: Insertions must be at least 1 inch in depth. Weekly invoices will be sent on a charge account basis—provided that satisfactory credit is established.

\$65 per inch 60 per inch 50 per inch 50 per inch Single insertion 4 times in 1 year 13 times in 1 year 26 times in 1 year

PROOFS: If copy is to be set, and proofs submitted for approval, complete copy and cuts must be received 4 weeks in advance of issue date (Friday of each week); complete plates no later than 3 weeks in advance of issue date.

SUPPLIES AND EQUIPMENT

SPRAGUE-DAWLEY, INC. Pioneers in the development of the STANDARD LABORATORY RAT.

> P.O. Box 4220 Madison, Wisconsin CE 3-5318

1919 - 1965 LaMotte Chemical Chestertown, Maryland, U.S.A. Specialists in

Colorimetric Techniques Reagents-Standards-Comparators Send for illustrated Controls Handbook

Dept. H

IDENTIF'

dogs, cats, guinea pigs with the animal care

Ident-A-Band



Soft, slim, waterproof. Color-coded inserts for classification ease in research.

HOLLISTER 835 N. Orleans, Chicago, III. 60610



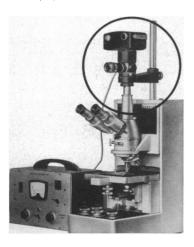
Your gift speaks for America when you feed hungry people with \$1 Food Crusade packages through CARE, New York 10016.

These six features, available only on the VICKERS M-32 Microscope/Camera System, give you new research capabilities unavailable with any other microscope!



Powerful New Light Source

100 Watt Quartz iodine lamp is built in with full controls for true Kohler illumination. Variable intensity control at front of operating panel. Sufficient light for micro projection.



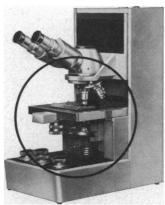
A Unitized Camera/Microscope System

Any of the Vickers cameras can be integrally mounted and quickly interchanged. Available are 35mm, Polaroid®, plate and cine time-lapse: — with choice also of fully automatic 35mm and auto-exposure 35mm and Polaroid®.



Accepts Specimens to 90mm High

The microscope body can be raised on its slide to give a clearance which will accommodate very large objects such as tissue culture flasks and other special experimental set-ups.



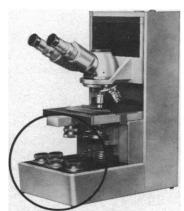
Fixed Stage with Large Work Area

Stage does not move in focusing, giving it the stability necessary in micromanipulation and other special techniques. Stage is 7½" x 9" with graduated 2" x 3" movement.



Variety of Beamsplitter/Body

Two beam-splitter boxes are offered — one varying instantaneously from 50% visual 50% camera to 100% camera — the other 100% visual to 100% camera. Monocular or binocular bodies fit as required to prism box in use.



Design for Convenient, Stable Trouble-Free Operation

All controls for focus and illumination are grouped on a central panel with stage and condenser adjustments directly above. All operations can be carried out conveniently with either right or left hand. All focusing and stage motions are ball-bearing.

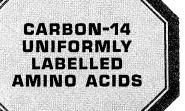
Send for M-32 Catalog which fully describes many other design features of this microscope and lists the wide range of optical and photomicrographic accessory equipment offered.



NUCLEAR-CHICAGO RESEARCH QUALITY RADIOCHEMICALS

NUCLEAR-CHICAGO RESEARCH QUALITY RADIOCHEMICALS

NUCLEAR-CHICAGO RESEARCH QUALITY RADIOCHEMICALS



CARBON-14 AND TRITIUM LABELLED CARBOHYDRATES

SPECIFIC

7/					- 1
7 ,	HIGH	1 5	DF	:IFI	C
•		CTI			
				7	
IN	ITIU				
l	COL	NP(JUI	VDS	•
/					,

COMPOUND	SPECIFIC ACTIVITY (mc/mM)
L-Alanine-C14 (U) L-Alanine-C14 (U) [Aqueous solution]	5-10 75-110
L-Arginine-C14 (U) L-Arginine-C14 monohydrochloride (U) [Aqueous solution]	5-10 150-220
L-Asparagine-C14 (U) L-Aspartic-C14 acid (U) L-Aspartic-C14 acid (U) L-Aspartic-C14 acid (U) Aqueous solution	4-30 5-10 100-150
L-Glutamic-C14 acid (U)	5-10
[Mono-ammonium salt] L-Glutamic-C14 acid (U) [Aqueous solution]	125-180
L-Glutamine-C14 (U) Glycine-C14 (U) Glycine-C14 (U) [Aqueous solution] L-Leucine-C14 (U) L-Leucine-C14 (U)	5-40 5-10 50-70 5-10 150-220
[Aqueous solution] L-isoLeucine-C14 (U) L-isoLeucine-C14 (U) [Aqueous solution]	5-10 150-220
L-Lysine-C14 monohydrochloride (U)	5-10
L-Lysine-C14 monohydrochloride (U) [Aqueous solution]	150-220
L-Phenylalanine-C14 (U) L-Phenylalanine-C14 (U) [Aqueous solution]	5-10 200-320
L-Proline-C14 (U) L-Proline-C14 (U) [Aqueous solution]	5-10 125-180
	3 00 μc/mg
L-Serine-C14 (U) L-Serine C14 (U) [Aqueous solution]	5-10 75-110
L-Threonine-C14 (U) L-Threonine-C14 (U) [Aqueous solution]	5-10 100-150
L-Tyrosine-C14 hydrochloride (U) [Aqueous solution]	5-10 200-320
L-Valine-C14 (U) L-Valine-C14 (U) [Aqueous solution]	5-10 125-180
[Adacoda solution]	

The availability of most uniformly labelled amino acids in two specific activity ranges is a result of our continuing efforts to meet your needs. Those in the higher ranges are in neutral aqueous solutions.

Data sheets available on request for every compound. Please write for current schedules containing complete radiochemical listings and information. Or call 312 827-4456 collect.

NUC:G-4-268



NUCLEAR-CHICAGO

A DIVISION OF NUCLEAR-CHICAGO CORPORATION 349 Howard Avenue, Des Plaines, Illinois 60018

	SPECIFIC
COMPOUND	ACTIVITY
	(mc/mM)
D-Arabinose-1-C14	1-5
D-Arabinose-C14 (U)	1-5
D-Arabinose-C14 (U) Erythritol-C14 (U)	2-4
D-Fructose-C14 (U)	2-4
D-Fructose-C14 (U) D-Fructose-C14 (U)	50-100
High specific activity	0.4
D-Galactose-1-C14 D-Galactose-1-C14	2-4 20-30
(High specific activity)	20-30
D-Glucose-C14 (U)	2-4
D-Glucose-C14 (U) D-Glucose-C14 (U)	50-150
[High specific activity]	
D-Glucose-1-C14 D-Glucose-1-C14	2-4
D-Glucose-1-C14	20-30
[High specific activity] D-Glucose-2-C14 D-Glucose-2-C14	1.4
D Glucoso 2 C14	1-4 20-30
[High specific activity]	20-30
D-Glucose-6-C14	2-4
D-Glucose-6-C14 D-Glucose-6-C14	20-30
[High specific activity]	
D-Glucose-6-T	100-500
D-Glucose-6-T [High specific activi D-Glucose-C14 (U)-6-phosphate D-Glucose-C14 (U)-6-phosphate	ty] > 1000
D-Glucose-C14 (U)-6-phosphate	2-4 50-150
[High specific activity]	50-150
D-Glucose-1-C14-6-phosphate	2-4
D-Glucose-1-C14-6-phosphate myo-Inositol-C14 (U)	10-50
Lactose-1-C14	4-12
Maltose-C14 (U) Maltotriose-C14 (U)	4-10 100-250
Maltotriose-C14 (U)	100-250
D-Mannitol-1-C14	10-20
D-Mannose-C14 (U) D-Mannose-1-C14	2-5 1-4
D-Mannose-1-C14	20-35
[High specific activity]	
D-Mannose-2-C14	1-3 2-150
Methyl-(α-D-gluco-C14)	2-150
pyranoside (U)	100.050
Potassium D-gluconate-6-T	100-250 2-5
Potassium D-glucuronate-C14 (U) Potassium D-glucuronate-6-C14 D-Ribose-C14 (U)	2-5
D-Ribose-C14 (U)	2-4
D-Ribose-1-C14	2-4
D-Ribose-1-C14 D-Ribose-1-C14	15-30
[High specific activity]	0.6
(High specific activity) Sodium D-gluconate-C14 (U) Sodium D-gluconate-1-C14 Sodium D-gluconate-6-C14 Sodium D-gluconate-6-C14	2-6 2-5
Sodium Digluconate 6.C14	1.4
Sorbitol-C14 (II)	5-10
Sorbitol-C14 (U) Sorbitol-1-C14 L-Sorbose-C14 (U)	2-5
L-Sorbose-C14 (U)	2-4
Starch-C14 (U) [Tobacco leaf; amorphous]	2-50 μc/mg
[Tobacco leaf; amorphous]	F 15
Sucrose-C14 (U) Sucrose-C14 (U)	5-15 150-200
High specific activity	100-200
High specific activity D-Xylose-C14 (U)	1-4
2 ,,,,,,,,,,,	- '

Data sheets available on request for every compound. Please write for current schedules containing complete radiochemical listings and information. Or call 312 827-4456 collect.

NUC:G-4-261



NUCLEAR-CHICAGO

A DIVISION OF NUCLEAR-CHICAGO CORPORATION 349 Howard Avenue, Des Plaines, Illinois 60018

COMPOUND	SPECIFIC ACTIVITY (mc/mM)
Acetic anhydride-T	>3000
Acetic anhydride-T	>3000
[Benzene solution]	
Cholestenone-1α-T	>2000
Cholesterol-1α-T	>2000
Cholesterol-7α-T	>2000
Corticosterone-1, 2-T	>30,000
Cortisol-1, 2-T	>30,000
Cytidine-5-T	>10,000
Dehydro <i>epi</i> androsterone-7α-T	>5000
2'-Deoxycytidine-5-T	>5000
L-3, 4-Dihydroxyphenylalanine- (ring-2, 5, 6-T)	>5000
Di-(isopropyl-1, 3-T)fluorophos- phonate ['DFP'-T]	>3000
Estradiol-6, 7-T	>15,000
Estradiol-6, 7-T-17 β-acetate	>3000
Estrone-6, 7-T	>15,000
Folic acid-3,' 5'-T	>10,000
D-Glucose-6-T	>1000
Guanosine-8-T	>2000
L-Histidine-2, 5-T	>5000
DL-5-Hydroxytryptophan-T (G) 3-lodo-L-tyrosine-5-T	>1000
DL-Leucine-4, 5-T	>5000
L-Leucine-4, 5-T	>5000
Lithium borohydride-T	>2000
Methotrexate-3,' 5'-T	>1000
Orotic acid-5-T	>5000
L-Phenylalanine-(ring-4-T)	>5000
Sodium acetate-T	>10,000
Sodium borohydride-T	>3000
Stearic acid-(nominally 9, 10-T)	>2000
Testosterone-1, 2-T	>15,000
Tetrasodium 2-methyl-1, 4-naph- thaquinol-6-T diphosphate	>20,000
Tetrasodium 2-methyl-1, 4-naph- thaquinol-5, 6, 7-T diphosphate	>50,000
Thymidine-(methyl-T)	>10,000
Thymidine-(nominally 6-T)	>10,000
Thymine-T (G)	>10,000
Thymine-(methy/-T)	>10,000
DL-Tryptophan-T (G)	>3000
L-Tryptophan-T (G)	>3000
L-Tyrosine-3, 5-T	>25,000
Uracil-5, 6-T	>5000
Uridine-5-T	>10,000

Data sheets available on request for every compound. Please write for current schedules containing complete radiochemical listings and information. Or call 312 827-4456 collect.

NUC:G-4-262



NUCLEAR-CHICAGO

A DIVISION OF NUCLEAR-CHICAGO CORPORATION 349 Howard Avenue, Des Plaines, Illinois 60018