

# PERSONNEL PLACEMENT

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Box (give number)  
**SCIENCE**  
1515 Massachusetts Ave., NW  
Washington 5, D.C.

## POSITIONS WANTED

**Biochemist, M.S.**, experienced supervision, development, quality control in clinical laboratory seeks position Canadian or British hospital. J. R. Soto, Iowa Lutheran Hospital, Des Moines, Iowa, U.S.A. X

**Biochemist-Microbiologist, Ph.D.**; 6 years' research experience at outstanding chest hospital. Reorganized clinical laboratories there. Investigating structure of mycobacterial lipid. Started investigating chemotherapy and action mechanism of new anti-tubercular chelated drug. Have started collaboration on immunologic-radiologic attack on a certain mouse lymphoma. Primarily desire research position. Box 217, **SCIENCE** X

**Cellular and Comparative Physiology, Ph.D.**, experienced. Box 215, **SCIENCE**. X

**Experienced Translator** available—scientific articles, books, German into English. Elisabeth Lanzl, 411 Douglas, Park Forest, Illinois. X

**Interested in Biochemical Approach** of aging, stress, mental diseases, nutrition, energy transfer. Available January 1963; 10 years of research laboratory experience. Languages. Ph.D. organic chemistry, female. Box 216, **SCIENCE**. X

**Physiologist Ph.D.**; 10 years of industrial experience in endocrinology, clinical chemistry, enzymology, lipid metabolism, and environmental physiology. Desires challenging position. Publications. Box 212, **SCIENCE**. X

**Physiologist-Pharmacologist** (biochemist), senior, desires temporary position. Box 214, **SCIENCE** X

**Writer, Editor, Abstracter.** Strong chemical background and knowledge of foreign languages; 8 years' experience in laboratory analysis and 8 years' experience in writing, editing, and abstracting. Box 218, **SCIENCE**. X

## POSITIONS OPEN

**ANALYSTS—BIOASTRONAUTICS** U.S. Government positions in Washington, D.C., for Senior Analysts in space associated sciences. Ph.D., M.D. or equivalent, training in medicine, physiology or experimental psychology, primary interest in evaluating research. Must have been a U.S. citizen for minimum 5 years and in good health. Salary to \$13,510 per annum, numerous other benefits, active training program. Send résumé to Box #75, Suite 1200, 230 West 41 St., New York 36.

## LABORATORY SUPERVISOR—PATHOLOGY MAN OR WOMAN

Must be able to supervise 10 technicians, maintain quality standards, organize work load, etc. Require B.S. degree and up to 10 years pathology exp., 5 of which are supervisory. Major medical center in NYC. Appr. \$7,000 depending on exp. Send resume including salary required, in complete confidence. Box SM944, 125 W 41 St., NY 36.

## POSITIONS OPEN

**AGRICULTURAL STATISTICIAN.** To develop and apply new techniques for forecasting production in large banana-producing division of U.S. company. Require M.S. in agricultural statistics or B.S. degree with substantial statistical experience. Challenging opportunity in field of agricultural statistics plus chance to advance into agricultural management if desired. Based in Central American city with other U.S. employees and their families. Company-maintained housing, grade school, hospital. Four weeks annual vacation, insurance, pension, other benefits. All relocation expenses paid. For additional information write R. C. Zuehlke, Personnel Manager, Standard Fruit and Steamship Co., P.O. Box 50830, New Orleans, La. X

## SCIENTISTS

Expanding Pharmaceutical Firm has openings for two qualified senior personnel in their Research Division.

1. **Biochemist**—Ph.D. with some experience to conduct independent research on the biochemistry of drugs.

2. **Pharmacologist**—Ph.D. with or without post-doctorate experience to take charge of small group interested in general pharmacological work.

Send confidential résumé including salary requirements to **Personnel Manager, Wallace Laboratories, Cranbury, N.J.** An equal opportunity employer.

## MELPAR'S

expanding Research Division has immediate need for Key Personnel to conduct research in the following areas:

- PHARMACOLOGY
- VIROLOGY
- TISSUE CULTURE
- MICROBIOLOGY

Current programs cover the challenging problems of the future. These problems are in the fields of Space Biology, Electrobiolgy, and Culture Biology.

Applicants with experience desired, but new graduates will be considered.

Write in strictest confidence to:  
John Haverfield

Manager—Professional Placement



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## ATOMISM, THE THEORY OF PARTICLES, AND ONWARDS

**MR. LANCELOT LAW WHYTE** has recently followed up his *Archimedes, or the Future of Physics* (1927) and *Critique of Physics* (1931) with three reports on his continuing study of the past, present, and possible future of atomic theory.

1. He examined Boscovich's point atomism in a "critical essay of particular interest" (*Times Lit. Suppl.*) in R. J. Boscovich, *Studies of his Life and Work* (Ed. L. L. W. Allen and Unwin, 1961, 32/-). "A very attractive volume," *Nature*. "Excellent," *New Scientist*. "Warmly recommended," *Brit. Jour. Phil. Sci.*

2. He made an analysis and interpretation of the history of atomism in his *Essay on Atomism, Democritus to 1960* (Wesleyan University Press, 1961, \$2.95). "Stimulating discussion of fundamentals by an acute and trained mind," *Times Lit. Suppl.* "Extremely interesting," *Chemie und Technik*. "No reader will be able altogether to escape the feeling that the book puts within his grasp a creative insight into what may be the Physics of the future," P. W. Bridgman.

3. In *The Atomic Problem* (Allen and Unwin, 1961, 7/6) this historical, critical, and constructive approach is used to suggest a path towards a unified theory of field-particles. This "closely packed and lively work" (*Times Lit. Suppl.*) assumes that the ideas appropriate to the next step must be clarified in advance of their mathematical expression. Chiral spatial forms undergoing one-way processes may provide the theoretically most powerful and epistemologically most immediate basis for physical theory.

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## POSITIONS OPEN

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Positions in research and production in virology and tissue culture. Opportunities for association with stimulating professional group. Equal opportunity employer. Send résumé and salary requirements.

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Send resume stating salary required to

Employment Dept.

**WARNER-CHILCOTT DIVISION**

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## POSITIONS OPEN

### **BIOCHEMIST-PHYSIOLOGIST**

An expanding midwestern pharmaceutical company has opportunity for Ph.D. biochemist-physiologist to conduct fundamental research related to atherosclerosis and/or obesity. Post-doctoral experience preferred. An equal-opportunity employer. Please send complete resume to

Technical Employment Coordinator  
The Upjohn Company  
Kalamazoo, Michigan

(a) **Physical Chemist**; research, biological constituents of aerosols; East Coast; about \$9000. (b) **M.S./Ph.D. Research Bacteriologist**; investigate enteric bacteria; central university; to \$8000. (c) **Physiologist/Pharmacologist**, B.S. or M.S. without experience; central university affiliated research institute; to \$600. (d) **Ph.D. Director of Nutrition Research**; experienced; Midwest; industrial. (e) **Ph.D. Biochemist**; allergy research; protein chemistry, immunology background; university-affiliated midwestern institute; \$8000. **Faculty appointments:** (f) **Ph.D. Zoologist**, vertebrates, ecology; central college. (g) **M.S. Biologist**, anatomy and physiology; South-eastern college. Please write Science Division, The Medical Bureau, Inc., Burneice Larson, Chairman, 900 North Michigan Avenue, Chicago 11, Illinois. X

**SOIL CHEMIST.** To supervise plant and soil analyses in research laboratory of large banana-producing division of U.S. company. Require M.S. in soil or agricultural chemistry. Excellent opportunity for advancement and unique research experience. Based in Central American city with other U.S. employees and their families. Company-maintained housing, grade school, hospital. Four weeks annual vacation, insurance, pension, other benefits. All relocation expenses paid. For additional information write R. C. Zuehlke, Personnel Manager, Standard Fruit and Steamship Company, P.O. Box 50830, New Orleans, Louisiana. X

**Specialists in Physics, Mathematics, Electronics, and Engineering Sciences** needed for analysis and documentation of current research development. Requires interest in and comprehension of latest research developments and trends. Opportunity for experience in new fields of scientific documentation and information exchange. Salaries open. Send résumés to the Director, Science Information Exchange, Smithsonian Institution, 1825 Connecticut Avenue, Washington 9, D.C. X

## POSITIONS OPEN

### **MOLECULAR BIOPHYSICIST**

Interested in organizing a new Laboratory and Research Program involving Biological Transducers and problems of Bioenergetics. Candidate must have an established reputation with a significant number of publications, preferably in the field of Bioenergetics on a molecular level. Please write: Mr. D. A. Bowdoin, RESEARCH LABORATORIES, Hughes Aircraft Company, Malibu, California.

## The Market Place

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## BIOCHEMIST

Clinical chemistry research section requires Ph.D. (or M.S. with experience) to head up projects on assigned fundamental and applied problems in clinical chemistry. Will be working with leaders in the field of diagnostic reagent development and will be expected to originate ideas for new products (for the General Diagnostics Division of Warner-Chilcott). Some background in enzymology desirable. Full benefit program includes paid relocation, medical and life insurance programs, tuition refund plan, etc. Modern, well-equipped laboratories in suburban setting.

Send resume including full educational and experience details to Employment Department

**WARNER-LAMBERT RESEARCH INSTITUTE**  
MORRIS PLAINS, NEW JERSEY  
An Equal Opportunity Employer

## Histochemist / Cytologist

Physiology department requires experienced Ph.D. or equivalent for basic research in histology and histo- and cytochemistry in experimental production of disease-like conditions for basic studies on physiology of hormones and drugs.

Independent as well as collaborative

research with endocrinologists, biochemists and pharmacologists.

Liberal benefit program includes paid relocation, medical and life insurance.

Send resume and salary requirements to Employment Department

**WARNER-LAMBERT RESEARCH INSTITUTE**

Morris Plains, New Jersey

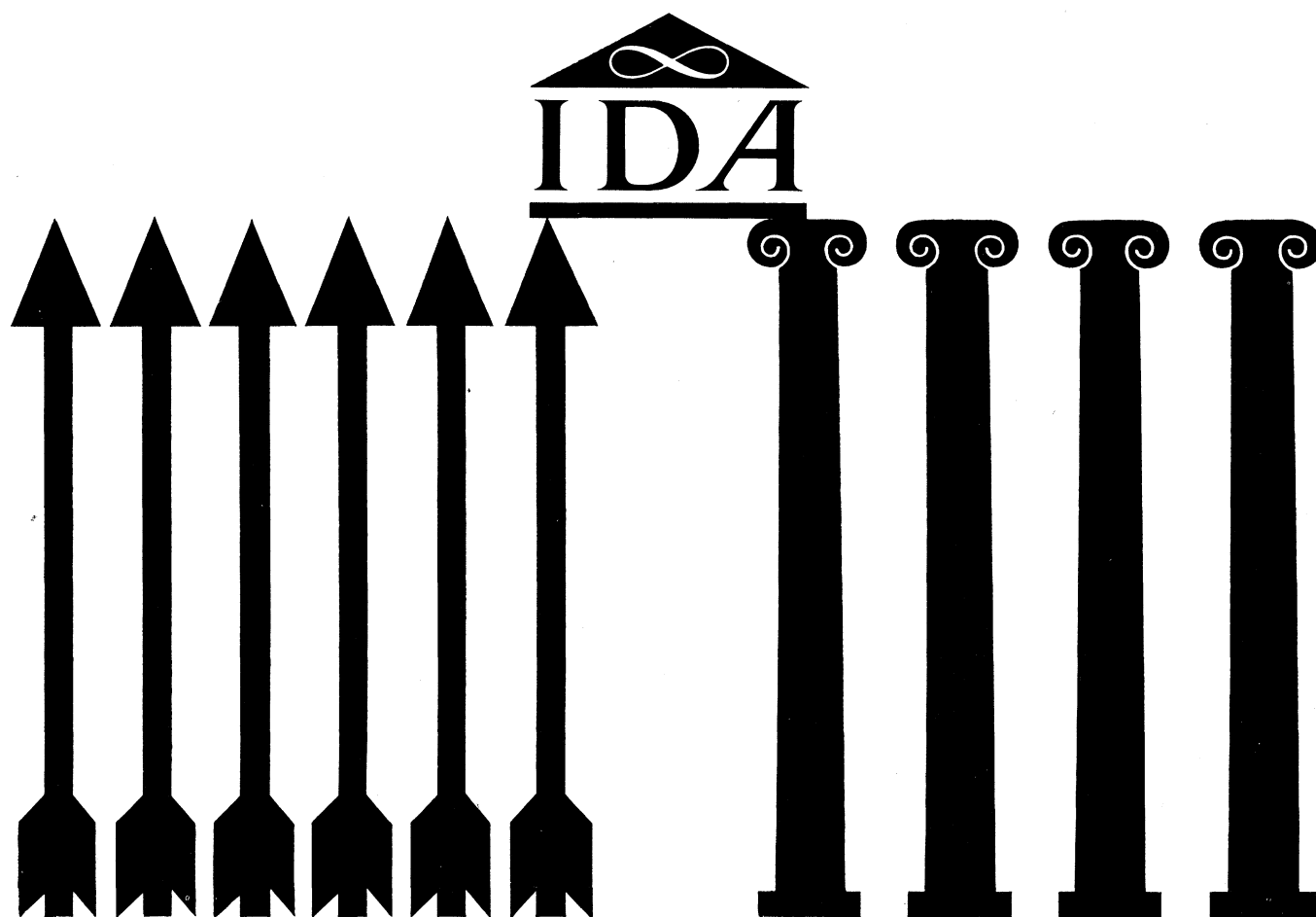
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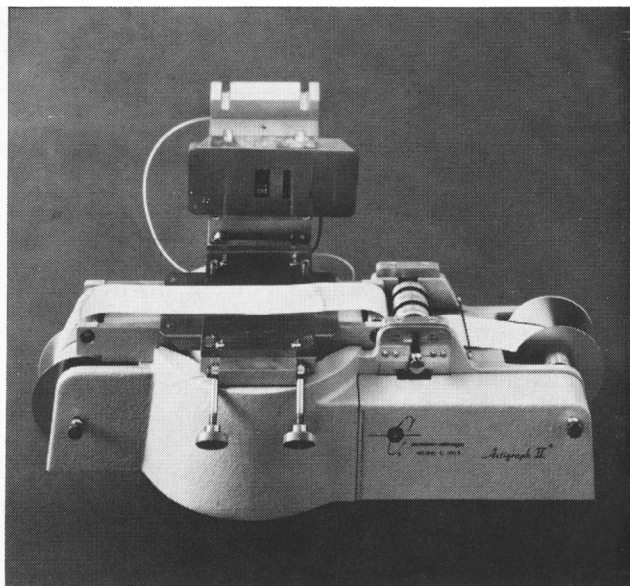
# High Bridge

The Department of Defense is required to make hundreds of decisions daily that affect the well-being and security of every one of us. It must have the highest possible quality of technical advice before making its far-reaching and consequential decisions. \* For one major source of such advice, the Department has turned to the Institute for Defense Analyses, a non-profit corporate entity sponsored by eleven great universities. The Institute has assembled a staff from the national sources of professional talent—from industry, from research and development laboratories, from university faculties and graduate circles. \* Thus IDA is a bridge between two worlds, the Department of Defense on one side and the academic and professional scientific community on the other. In serving as a bridge for a traffic of ideas and recommendations on major national problems, IDA contributes to the development of the immediate and future posture of our national security. IDA employs particularly talented individuals, from all sources of such talent, who can contribute to this great challenge with the highest degree of competence and imagination. \* IDA welcomes inquiries from qualified people of professional and academic backgrounds in the scientific and engineering disciplines who feel they can contribute at this level and want to do so. Professional people in the social sciences would also find an IDA career stimulating and challenging. Please communicate with us.

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