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PERSONNEL PLACEMENT

PHYSIOLOGISTS

PHARMACOLOGISTS

Ph.D.'s in physiology, pharmacology, or biochemistry with orientation in cardiovascular and/or nutrition fields; or C.N.S. functions and clinical application of neuropharmacologic agents, to assist in evaluating new chemotherapeutic compounds for use in the treatment of mental illness.

ORGANIC CHEMISTS—

NATURAL PRODUCTS

M.S. degree or equivalent in organic chemistry with some training in spectroscopic methods and experience to evaluate scientific data in natural products research program.

ORGANIC CHEMISTS—

GENERAL

M.S. or equivalent in organic chemistry with strong background in biological science to collaborate in analyzing and evaluating experimental data in research program.

Positions requiring degrees in medicine or science (a) Director of Clinical Investigations; experienced pharmacologist to follow up clinical trials, initiate new trials, medical correspondence; $18,000; noted eastern pharmaceutical concern. (b) Biochemist, M.S. experienced clinical chemistry to head department, approved 150-bed general hospital; $6500; southern community, 25,000. (c) Bacteriologist; Ph.D. trained virology, bacteriology for research, administrative appointment; supervise five to six in department; $7200; midwestern university medical center. (d) Chemist; administrative-minded Ph.D. as principal chemist, state health department, large city, industrial center; East. (e) Bacteriologist; B.S., M.S. to head department, very large general hospital; $5000; New England Virologist; M.D., D.V.M. Ph.D. to join new research group now being established as part of outstanding eastern pharmaceutical concern; experience in virology, general microbiology; substantial income. (g) Chemist; fully approved 300-bed general hospital; California coastal city. (h) Biochemist, Pharmacology-Physiology; outstanding eastern university medical school; to about $5500. (i) Bacteriologist and (j) Biochemist; Ph.D.'s or equivalent experience to fill positions in new hospital laboratory; 200-bed facility; eastern medical center. Ann Woodward, Director, Woodward Medical Personnel Bureau, 185 N. Wabash, Chicago.

X-RAY DIFFRACTION AND FLUORESCENCE

Opening for responsible individual to take charge of new well-equipped X-ray laboratory with interest required in metallurgical, corrosion, general diffraction problems and fluorescence applications. Submit résumé and salary requirements to:

EMPLOYMENT DEPARTMENT

GOODEAR ATOMIC CORPORATION

Box No. 128

PORTSMOUTH, OHIO

X

904

SCIENCE, VOL. 125

RADIOCHEMICALS are available in solution form with specific activities 10 to 100 times higher than those of standard crystalline preparations. (Schwarz Laboratories, Inc., Dept. S325)

LABORATORY GLASSWARE utilizing stopcocks with Teflon plugs is described in a 16-page catalog. Included are precision burets, aspirator bottles, gas collecting tubes, Karl Fischer apparatus, separatory funnels, nitrometers, and manifolds. (Fischer and Porter Co., Dept. S305)

PARTICLE-SIZE DISTRIBUTION ANALYZER, the Micromerograph, utilizes a technique in which powder particles are dispersed in air and allowed to settle, under the action of gravity, onto a servoelectronic balance. The output is a continuous plot of the weight of powder settled against time. Application of Stokes' law to the data yields a particle-size distribution curve. A test run requires 15 min and about 0.1 g of sample. Compressed nitrogen is used to inject the powder into the sedimentation tube. (Sharples Research Laboratories, Dept. S306)

ELECTRONIC INDICATOR measures dimensional variations from 10 in. to 100 mils. The device consists of an adjustable gage head, an amplifier, and a stand. Displacements of the gaging tip, applied with a gaging force of 3/4 oz, are amplified 10,000 times and displayed on a zero-center meter. (Clowland Instrument Co., Inc., Dept. S279)

SODIUM REAGENT, a buffered aqueous-alcoholic preparation of a-methoxyphenylacetic acid, reacts with sodium ions to produce an insoluble sodium acid salt. The reagent is useful for quantitative as well as qualitative analysis. It is said that large amounts of NH4+, Mg2+, K+, Rb+, Cl-, NO3-, and PO4-- do not interfere. (Monroe Chemical Co., Dept. S307)

FLOW METER uses the modification of an ultrasonic beam to measure fluid flow. The instrument offers no obstruction to the fluid, thus eliminating pressure drop caused by the measuring means. Flow in the range of 1000 to 4000 gal/min is measured with an accuracy of 1 percent. A 5-v electric output is provided for feeding into standard telemetering and recording systems. (Gulton Industries, Inc., Dept. S263)

REFRACTOMETER used in conjunction with a monocular microscope and illuminator operates on the basis of the Rayleigh method of interferometry. Differences in refractive index in the fifth decimal place are measured with a range of 0.002. Sample volume is 1.6 ml. (American Instrument Co., Dept. S316)

JOSHUA STERN

National Bureau of Standards