

NIH



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PUBLIC HEALTH SERVICE
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WHO REPRESENTATIVES VISIT NIDR



Latin American visitors on a nationwide tour of dental research facilities were guests of NIDR July 12. Their tour was co-sponsored by PHS and the World Health Organization. Pictured above are (left to right) Dr. Adolfo Acosta, of Paraguay; Dr. Robert C. Likins, Senior Dental Surgeon, NIDR; Dr. Victor Lopez, Mexico; and Dr. Otto Menendez, Guatemala.

NIAMD SCIENTISTS ELECTED TO OFFICES

Dr. Joseph J. Bunim, Clinical Director, NIAMD, was elected first vice president and president-elect of the American Rheumatism Association at a recent meeting in Toronto, Canada. The meeting was held jointly with the 9th International Congress on Rheumatic Diseases.

Dr. Bunim has been at NIH since 1952, when he was appointed the first Clinical Director of NIAMD. He was previously on the faculty of New York University. Well known in the field of rheumatic diseases, Dr. Bunim is also Associate Professor of Medicine at Johns Hopkins University.

(See *NIAMD Scientists*, Page 4)

Employees Receive USDA Scholarships

Four NIH employees have been awarded scholarships to the U. S. Department of Agriculture Graduate School for the academic year 1957-58.

The scholarship winners are Ernest H. Miner, Jr., NHI, who will study official writing techniques; Doris T. Woods, NHI, who will take a course in biochemistry; and John P. Reilly, NIDR, and Alfred C. Segee, DBS, who will take courses in bacteriology.

Each year 35 scholarships are awarded to candidates nominated by Government departments and agencies. The program's purpose is to provide incentive for capable employees to take additional training.

NEW ASST. DIRECTORS APPOINTED IN NHI, NIMH

Appointment of assistant directors of two Institutes was recently announced at NIH.

Dr. William J. Zukel, formerly Assistant Chief of the Heart Disease Control Program, Bureau of State Services, PHS, reported for duty as Assistant Director of NHI July 1.

Dr. Zukel replaced Dr. William H. Stewart, who became Special Assistant for Program Operation in the Office of the Surgeon General, PHS.

Entering PHS in 1949, Dr. Zukel has had assignments at the Heart Demonstration Program, Newton, Mass., and at the New York State Health Department, where he participated in its long-term epidemiological study of hypertension and coronary disease.

A native of Northampton, Mass., Dr. Zukel received his M.D. from Hahnemann Medical College of Philadelphia. He has had training in cardiovascular diseases as a Post-graduate Assistant in Medicine at the Massachusetts General Hospital.

Dr. Joseph M. Bobbitt, Chief of the Professional Services Branch of NIMH since 1951, was recently appointed to the newly created office of Assistant Director of NIMH. Pending selection of his successor, Dr. Bobbitt will continue supervision of the Professional Services Branch.

Before entering PHS as a commissioned officer in 1946, Dr. Bobbitt was assistant professor of psychology at Michigan State College, Lansing. During World War II, he was commissioned in the U. S. Coast Guard and assigned to the Coast Guard Academy, where he participated in the development of a mental health program for the cadets.

Following his discharge from the Coast Guard, Dr. Bobbitt joined PHS in the Mental Hygiene Division, which later became NIMH.

(See *Appointments*, Page 3)

NIMH Children's Treatment Residence Opens

No 189 in a Series



View of NIMH Children's Treatment Residence, where new studies will be conducted.

A unique research program is now under way at NIH's new Children's Treatment Residence.

The modern, two-story house, located on South Drive west of the Clinical Center, is now occupied by six boys age 10-12, a housemother, and a living-in counselor.

An extension of Clinical Center facilities, the Residence was specially designed and constructed for use in NIMH's programs of research on emotionally disturbed children. In this new setting investigators are better able to study the little-known effects of various physical and social environments.

The boys living in the Residence have been under treatment for the past three years in Ward 4E of the Clinical Center. Now research will examine the effects of an "open setting" of living arrangements as opposed to the "closed setting" of the ward.

After extensive preparation for community contacts, the boys are looking forward to attending public schools this fall.

The director of the Residence, Stanley Crawford, and housemother, Eve Citrin, will carefully supervise the boys and plan all program and house activities. In this way, school,

work, and play activities may be arranged to assure maximum benefits to the children as well as opportunities for investigators to observe and study emotional disorders.

The Treatment Residence is designed to permit a variety of treatment and research techniques. A completely equipped gameroom, craftroom, and woodshop are located on the lower level, which opens onto a covered outdoor play area. An attractive living-dining area, kitchen, and staff rooms complete the first floor; and three identical double bedrooms, an infirmary, laundry, and housemother's apartment are on the second floor.

Subjects the research staff will study in this setting include learning disabilities, the bases of emotional disturbance in children, technical problems in individual psychotherapy of children, and techniques of behavior reporting by child care workers.

The knowledge of children's disorders expected to emerge from this program will be of value to all who deal with disturbed children. In addition, the study will be a guide for the development of better treatment centers.

Publication Preview

The following manuscripts were received by SRB Editorial Section between June 12 and June 26.

Algire, G. H. Studies of homografts using transparent and diffusion chamber methods.

Bahn, R., et al. Metabolic changes associated with transplantable ACTH producing pituitary tumors of mice.

Baron, S. Ultracentrifuge concentration of poliovirus and the effect of calf serum and gelatin.

Benoiton, L., et al. Studies on diastereomeric α -amino acids and corresponding α -hydroxy acids. IX. Configuration of the isomeric γ -hydroxyglutamic acids.

Bloom, B. Galactose metabolism in rat liver slices.

Blum, H. F., et al. Regeneration of limb abnormalities after ultraviolet irradiation.

Bondareff, W. Submicroscopic morphology of connective tissue ground substance with particular regard to fibrillogenesis and aging.

Endicott, K. M. The chemotherapy program.

Findlay, S. P. Concerning 2-carbonmethoxytropinone.

FitzHugh, R. A statistical analyzer for optic nerve messages.

French, P. A., et al. An anomalous esterification of cis-d, 1-2-dimethylaminocyclohexanol.

Freygang, W. H. Neuronal activity in the lateral geniculate nucleus of the cat.

Gouras, P., et al. The effect of cooling on neuromuscular transmission.

Hayashi, O., et al. Studies on oxygenases: Enzymatic formation of kynurenine from tryptophan.

Heller, J. R. The National Cancer Institute--A 20-year retrospect.

Hilmoe, R. J., et al. Polynucleotide phosphorylase in liver nuclei.

Jude, J. R., et al. The effect of zymosan on heterotransplantation of tumors to rats.

Kies, M. W., et al. The allergic encephalomyelitic activity of a collagen-like compound from bovine spinal cord-II.

Meader, R. G., et al. The Research Grants Branch of the National Cancer Institute.

Mider, G. B. Research at the National Cancer Institute.

Nathan, D., et al. Sites of origin and removal of blood ammonia formed during glycine infusion: Effect of L-arginine.

Ormsbee, R. A., et al. ECHO viruses from Idaho and Montana.

O'Rourke, J. F., et al. A study of the uptake of p32, Zn65, and I131 serum albumen by experimental malignant melanoma.

Perrine, T. D. Quinuclidines. I. 4-phenylquinuclidines as potential analgesics.

Pasner, H. S. Microsomal hydroxylation of quinoline.

Prescott, B., et al. Means of increasing the tolerated dose of streptomycin in mice.

Prescott, B., et al. Tuberculostatic activity of certain 2-phenylbenzothiazole derivatives.

Rosvold, H. E., et al. Effects of subcortical lesions in monkeys on visual discrimination and single alternation performance.

Rothberg, S., et al. Studies on oxygenases: Enzymatic oxidation of imidazoleacetic acid.

Rubin, P., et al. Response of radiation pneumonitis to cortisone.

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RECOVERY PLAN EMPHASIZED IN NIH ALERT

The sirens at 12 noon, Friday, July 12, signaled NIH's participation in the nationwide Civil Defense exercise, "Operation Alert."

For most NIH personnel it was no more than an opportunity to become acquainted with the signal of an air attack, but for certain designated personnel it was a call to emergency duties.

Key officials took up positions at SPARK, the principal Departmental relocation site, and the Disaster Control Group reported to the NIH Control Center.

The Disaster Control Coordinator, George P. Morse, at the request of the Defense Coordinator of HEW, established and maintained an around-the-clock communications service between NIH and SPARK.

The fourth such National Civil Defense exercise, this alert emphasized the recovery phase that would follow an air attack.

The specific objectives were (1) to improve national readiness for war-time situations, (2) to train personnel in habits of thinking needed to cope with emergency conditions, and (3) to determine what aspects of

(See Alert, Page 4)

APPOINTMENTS Contd.

Born in St. Joseph, Mo., Dr. Bobbitt acquired A.B. and M.A. degrees from the University of Southern California and a Ph.D. in psychology from Northwestern University.

Salzman, N. P., et al. The utilization of glutamine, glutamic acid and ammonia for the biosynthesis of nucleic acid bases in HeLa cell cultures.

Savage, C., et al. The effects of a tranquilizing drug (reserpine) on psychodynamic and social processes.

Schatten, W. E., et al. Experimental reconstruction of the common bile duct with split-thickness skin grafts.

Schwarz, K., et al. Prevention of exudative diathesis in chicks by factor 3 and selenium.

Shuster, L., et al. The conversion of glucose to pentose in the biosynthesis of mouse liver diphosphopyridine nucleotide.

Shuster, L., et al. The incorporation of C¹⁴ glucose and ribose into mouse liver DPN.

Skolaut, M. W. Current status of disposable needles and syringes.

Tasaki, I. Conduction of the nerve impulse. Weissbach, H., et al. Binding of serotonin and other amines by blood platelets.

Wittman, M. Professional education for community mental health practice: Problems and prospects.

Wynne, L. C., et al. Pseudo-mutuality in the family relations of schizophrenics.

Youmans, E. G. Leisure time attitudes of healthy older persons.

Science Winner Tours NHI



Barbara May Smith (left), Rhode Island Heart Association Science Winner, visited NHI July 9 on her prize trip to Washington, D. C. Judith Wegman, NHI laboratory assistant, shows Barbara the workings of a clinical centrifuge. Barbara's prize-winning exhibit was entitled "Theories of Circulation in the Frog."



R & W NOTES

The Institute of Contemporary Arts is offering group membership rates to R & W members this year.

Located at the Corcoran Gallery, 17th St. and New York Ave., N.W., the Institute sponsors approximately 40 programs annually. They include concerts, films, exhibitions, poetry readings, and lectures on the arts and humanities.

Guest lecturers this season will include T. S. Eliot, Tennessee Williams, Robert Graves, and Aldous Huxley.

A group rate of \$12 per member is available if 50 or more NIH employees subscribe. For additional information, contact Ruby Peters, Ext. 637.

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Inexpensive tours of Mexico and Guatemala are being offered by the State Department this September.

A two-week tour of Mexico, with a week's extension for Government employees, will be held September 2-14 (September 21) at a cost of \$373.

A two-week tour of Mexico and Guatemala, on September 2-14, will be \$557.

The prices include transportation to and from these countries, hotel accommodations, and all meals and tips. Meals in Mexico City are not included, as most visitors there prefer to visit restaurants of their own choosing.

For further information, call Mrs. Ruby D. Langston, Code 176, Ext. 8732.

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The following discounts are now available to R & W members at the Film Desk in the CC lobby: film processing, 10% off; black and white film, 20% off; color film, 10% off; and cameras and equipment, 10-20% off.

NIAMD SCIENTISTS Contd.

Dr. George M. Briggs, Chief of the Nutrition Unit of NIAMD, was elected secretary of the American Institute of Nutrition to serve for a 3-year period. The Institute held its annual meeting in Chicago this year in conjunction with the Federation of American Societies for Experimental Biology.

Before coming to NIH in 1951, Dr. Briggs was successively a professor of poultry nutrition at the University of Maryland and the University of Minnesota. He received his Ph.D. degree from the University of Wisconsin.

AWARDS GIVEN FOR SUPERIOR JOB PERFORMANCE



Lt. Paul N. Bankard (left), award winner of the NIH Guard Force, shows plans for a new parking lot to George P. Morse, Chief of the Plant Safety Branch, DBO.



Robert J. Koegel (center) discusses the operation of an infrared spectrophotometer with Dr. Jesse P. Greenstein (left), Chief of NCI's Laboratory of Biochemistry, and Dr. J. R. Heller, NCI Director.

Robert J. Koegel, chemist in the Laboratory of Biochemistry, NCI, received a \$500 award on July 22 in recognition of his achievements in the field of infrared spectroscopy. He has designed a number of analytical instruments and developed and directed a high-standard micro-analytical laboratory.

Lt. Paul N. Bankard of the NIH Guard Force, DBO, received a \$200 award July 11 for outstanding performance of his duties as a guard

supervisor. On his own initiative, Lt. Bankard made a study of parking needs at NIH and made recommendations that are now being instituted.

An award of \$135 was presented July 8 to Henry H. Richards, chemist in the NIMH Laboratory of Cellular Pharmacology. As an assistant on three successive research projects involving widely different techniques, Mr. Richards displayed extreme technical skill, meticulous accuracy, and complete reliability.

Nationwide Radio Series Features NIH Directors

"Adventures in Science," a weekly radio program carried nationally by CBS, has completed recordings of ten 15-minute interviews to better acquaint the public with NIH research activities and the latest medical advances.

Participating in the interviews are Dr. James A. Shannon, Director of NIH, and the directors of each of the seven Institutes, the Clinical Center, and the Division of Biologics Standards.

Moderator of the series of programs is Watson Davis, editor of Science News Letter. The series will be available to 206 CBS stations throughout the country. The dates for local broadcasting are not yet established.



Henry H. Richards (center) poses at his awards ceremony with (left to right) Dr. Robert Livingston, Dr. Giulio L. Cantoni, Dr. R. H. Felix, and Mr. Joseph S. Murtaugh.

ALERT Contd.

mobilization planning need the greatest emphasis during the next 12 months.

Since NIH is a national medical resource, its primary duties concerned medical assistance on both a national and local basis.

The NIH outdoor civil defense siren, that sounded the two public-action CD signals, is now part of a nationwide warning system. A new system to provide a more adequate internal CD alarm system has recently been installed.