

News and Notes

MIT Acoustics Laboratory

A Special Summer Program in Noise Reduction will be given in the Acoustics Laboratory at the Massachusetts Institute of Technology from Aug. 24 to Sept. 4, according to Ernest H. Huntress, director of the MIT Summer Session.

The program, designed to give engineers and scientists a working knowledge of means for noise reduction in industrial plants and in buildings, will be under the direction of Leo L. Beranek, associate professor of communications engineering and technical director of the MIT Acoustics Laboratory. He will be assisted by four members of the Acoustics Laboratory staff: Jordan J. Baruch, Richard H. Bolt, Robert B. Newman, and Walter A. Rosenblith.

Guest lecturers will include Kenneth N. Stevens and S. Labate of Bolt, Beranek and Newman, consultants in acoustics, and others from industry and building research.

"The problem of noise reduction in industrial plants and buildings has skyrocketed to importance because of recent court decisions favorable toward workers with partial loss of hearing," Professor Beranek points out. "Simultaneously," he continues, "architects have found their clientele demanding quieter living and working conditions."

The Special Summer Program at MIT will present methods of measuring a wide variety of noises, as well as techniques and materials for noise reduction. Lectures and demonstrations will cover the following topics: basic terminology and concepts, measurement of noise, psychological aspects, room acoustics theory, noise reduction in rooms, transmission of sound through structures, characteristics of noise sources, materials and structures for noise reduction, mufflers and vibration isolators, machinery and ventilation-system quieting.

Afternoons during the two-week period will be reserved for round table discussions and field trips. Facilities of the MIT Acoustics Laboratory will be used throughout the program.

Further information and application forms for the Special Summer Program in Noise Reduction may be obtained from the Director of the Summer Session, Room 3-107, Massachusetts Institute of Technology, Cambridge 39.

Scientists in the News

Herbert C. Brown, professor of chemistry, Purdue University, has been selected to deliver the 1953 Harrison Howe Lecture before the Rochester Section of the American Chemical Society. Dr. Brown, who was chosen for his contributions to stereochemistry and for his work in the synthesis of hitherto unknown boron hydride derivatives, will give the lecture Nov. 21.

Three new professors have been appointed at Yale University. **Norman A. Cameron**, professor of psychiatry and psychology at the University of Wisconsin, will be professor of psychiatry; **Edward C. Hammond**, director of statistical research for the American Cancer Society, will be professor of biometry; and **Arnold D. Welch**, professor of pharmacology at Western Reserve University, will be professor of pharmacology and chairman of the department.

Francis P. Dwyer, professor of chemistry at the University of Sydney, will be a visiting lecturer at Northwestern University during the next academic year. Dr. Dwyer is a specialist in the field of coordination compounds.

Walter Rudolphe Heumann has been appointed assistant professor of analytical chemistry at the University of Montreal. Dr. Heumann went to Canada from Europe in 1951, and has been concerned with the development of new products for Ayerst, McKenna & Harrison.

John A. Hipple has been appointed director of the Experiment Station, School of Mineral Industries, at the Pennsylvania State College. Dr. Hipple has been chief of the Atomic Physics Section of the National Bureau of Standards since 1947.

Shirley A. Johnson, Jr., has been named permanent director of the Denver Research Institute of the University of Denver. He has been associated with the university since 1947, and with the institute since 1948.

Georg Kahlson, of Lund University, Sweden, has received a grant from the Rockefeller Foundation to continue his research on the hormones, especially the hypophysis and the suprarenal glands.

Richard L. Kirk has been appointed director of production of the Atomic Energy Commission's New York operations office. Mr. Kirk has been associated with the national atomic energy program since 1944.

Alexander Koyre, of the Sorbonne, Paris, has been appointed Kemper K. Knapp visiting professor at the University of Wisconsin for the first semester of 1953-54. Dr. Koyre is a distinguished scholar in the field of history of science.

David Macht was presented with a medal and honorary membership in the Royal Academy of Pharmacy of Madrid. Dr. Macht was honored for his contributions in pharmacology and phyto-pharmacology.

Francis W. Maxstadt, associate professor of electrical engineering at the California Institute of Technology, has been appointed registrar of the institute.

Ernst Mayr, curator of the Whitney-Rothschild Collection of the American Museum of Natural History, New York, has been appointed professor of

zoology in the Museum of Comparative Zoology and Alexander Agassiz Professor of Zoology, Harvard University, effective July 1.

Lynn L. Merrill has been named professor of mathematics and head of the department at Stevens Institute of Technology. Dr. Merrill was formerly chairman of the Mathematics Department at Clarkson College of Technology, Potsdam, N. Y.

Charles B. Metz, associate professor of zoology at the University of North Carolina, has been appointed Frank R. Lillie Fellow in Embryology at Woods Hole, Mass., for the summer of 1953.

Eger V. Murphree, president of the Standard Oil Development Company, has received the Industrial Research Institute's 1953 medal, for leadership of industrial research contributing to the public welfare in war and peace.

Clarence N. Peiss, assistant professor of physiology at St. Louis University School of Medicine, has been named a John and Mary R. Markle Foundation Scholar in Medical Science for a five-year period, beginning in July of this year.

George Rieger, of the Hercules Powder Company's Sales Research Division, has been named program executive of the Plastics Section of the National Production Authority's Chemical Division. Mr. Rieger will be on loan to the government agency for six months.

Sir Robert Robinson of Oxford University, Nobel prize-winning chemist, has received the Priestley Medal of the American Chemical Society. Sir Robert was honored for researches on the chemicals involved in the life processes of animals and plants.

Harold P. Rusch, director of the McArdle Memorial Laboratory for cancer research at the University of Wisconsin, has been elected president of the American Association for Cancer Research.

James H. Schulman has been named head of the Chemistry Branch of the Metallurgy Division of the Naval Research Laboratory. **Clifford C. Klick** is the new head of the Luminescent Section of the Chemistry Branch.

Romeo E. Short, director of the Foreign Agricultural Service, has been appointed chairman of the U. S.-UN Food and Agriculture Organization Inter-agency Committee. Mr. Short thus becomes the key official for relationships between the government and the United Nations FAO.

Kenneth W. Spence was awarded the Howard Crosby Warren Medal by the Society of Experimental Psychologists, for experimental work on fundamental problems of learning.

E. L. Tatum of Stanford University has been selected to present the 1953 Remsen Memorial Lecture of the American Chemical Society's Maryland Section.

Education

A plan to aid industry through fundamental research in engineering and science has been devised at **Carnegie Institute of Technology**. A regular and scheduled information service has been set up by the institution, making available to companies that give financial support for research to Carnegie reports on current research projects undertaken by individuals of the engineering and science departments. Also included are titles of scientific papers published by members of the departments in engineering and science journals during the past five years. Copies of doctoral theses which may be of interest to cooperating companies are also made available. A series of conferences, sponsored by the institution with representatives of business and industry in attendance, are presented by members of the engineering and science faculty. The representatives have the privilege of discussing projects with the scientists, and picking up ideas which might be applied in their own research and development projects.

The Amherst College herbarium of 85,000 specimens has been turned over to the Department of Botany of the **University of Massachusetts**. Under the new arrangement the director of the combined herbarium will be Theodore T. Kozlowski of the university. The basis of the present State Herbarium of the university was the W. H. Denslow collection of 12,000 sheets purchased in 1869. Recent accessions were derived from Williston Academy, Mass.; Auckland Museum, N. Z.; Duke University; Hawaii; Washington State College; Colombia; Argentina; Mexico; University of Texas; and the Philippines.

The **Mountain Lake Biological Station** of the University of Virginia in cooperation with the Biology Division, Oak Ridge National Laboratory, will offer a course in Radiation Biology at the station this summer. The course will run for five weeks (June 18-July 22) and will be divided into five sections: 1. Radiation Physics, by C. W. Sheppard; 2. Radiation Biochemistry, by J. R. Totter; 3. Radiation Genetics, by R. F. Kimball; 4. Radiation Cytology, by M. E. Gauden; 5. Radiation Biology of Microorganisms, by G. E. Stapleton. This is a new educational experiment, undertaken for the purpose of giving biology teachers and investigators a working acquaintance with radiation biology. A large cobalt source and other radiation equipment will be available for use. Costs for the course amount to \$116, including fees, room and board.

The **Social Research Foundation's Fund for Research in Psychiatry**, with headquarters at Yale University, has appointed Sibylle Escalona, assistant professor at the Yale Child Study Center, as Executive Officer. The Board of Directors, representing six leading medical schools throughout the country, is now working on the organization of the \$6,000,000 fund to support psychiatric research at universities and institutions

throughout the country. Frederick C. Redlich, professor of psychiatry at Yale and Chairman of the Board, explained that both income and principal of the fund will be expended over a period of about 20 years.

West Virginia University, with the cooperation of the **Miles Laboratories Inc.** of Elkhart, Ind., will undertake a three-year study of "The Relationship of Nutrient Intake to Nutritional Status in Human Subject Investigatorship."

Grants and Fellowships

The **Department of the Air Force** has awarded a contract to Case Institute of Technology for research over a two-year period on the heat treatment, properties, and theory of the behavior of high quality alloy steels at high strength levels. The new contract calls for a doubling of the rate of effort and the technical scope of the investigation.

The following **AAAS Research Grants** have been awarded: South Carolina Academy of Science, to J. M. Rush, Clemson College, Clemson, S. C., for "A Study of the Morphological, Cultural, and Physiological Characteristics of the Bacteria of the Genus *Achromobacter*"; Kansas Academy of Science, to George E. Fay of Joplin, Mo., for "A Comprehensive Survey of Scientific Excavation of the Archaeological Culture of Sonora, Northwest Mexico," to L. J. Gier, William Jewell College, Liberty, Mo., for "A Study of Iowa and Missouri Mosses," and to Eugene Wittlake, University of Kansas, for "A Study of the Developmental Morphology and Phylogeny in the Marchantiales"; New Orleans Academy of Sciences, to Herman Sostrin, Department of Pharmacology, Tulane University, School of Medicine, for "The Isolation and Mode of Action of the Toxic Principle Responsible for Lathyrism, a Nutritional Paraplegial Syndrome"; St. Louis Academy of Science, to Hampton L. Carson and W. C. Blight of Washington University, for "Genetics and Ecology of Natural Populations of *Drosophila*."

Sharp & Dohme announces research grants to the Cardiorenal Fund of the Peter Bent Brigham Hospital, Boston: \$2500 for clinical investigation of the natriuretic compounds, Dirnate, and Dirnate analogs by John P. Merrill; to Northwestern University, a renewal grant of \$6000 for the work of Saul Mal-kiel on the mechanism involved in the production of hypersensitivity; to Tulane University, \$1200 for the study of Dirnate, Benemid, and pancreatic dornase by C. G. Collins; and to Cedars of Lebanon Hospital, Los Angeles, \$1800 for clinical research on Dirnate by Leonard M. Asher.

Recent research grants to **Woman's Medical College**, Philadelphia, include \$3500 from the Heart Association of Southeastern Pennsylvania to William G. Leaman, chairman of the Department of Medicine, for audiovisual aids in teaching in the Division of

Cardiovascular Diseases; \$2500 from Smith, Kline and French Laboratories to Jean Crump, professor of pediatrics, for basic research, and \$1500 from Smith, Kline and French to Nicholas Dreyer, professor of pharmacology, for equipment and research in the Department of Pharmacology.

In the Laboratories

The **Los Alamos Scientific Laboratory** of the University of California has made the following additions to its staff: W. W. Martin, of Sandia Corporation, Albuquerque, to the Chemistry and Metallurgy Division; L. K. Neher, from the University of California, to the Test Division; J. F. Torbert, of the Norfolk Naval Shipyard, Portsmouth, Va., to the GMX Division; E. M. Willbanks, of Arizona State College, to the Theoretical Physics Division; J. C. Anderson returns to the GMX Division; and B. D. McCarty, formerly of an oil-shale demonstration plant at Rifle, Colo., to the Metallurgy Division.

The **U. S. Naval Ordnance Laboratory** has made the following staff changes: A. E. Robertson, former deputy division chief of the Chemistry Division of the Engineering Department, has become chief of the Mechanisms and Services Division of the Fuze Department. Deputy chief of the Mechanisms and Services Division is now A. B. Dietemann, formerly of the Fuze Department Office. The Explosives Components group of the Chemistry Division has been transferred to Dr. Robertson's division in the Fuze Department as the Explosives Components Branch. The chief of this branch will be I. Kabik, who has been serving in a similar capacity in the Engineering Department. E. H. Beach has recently arrived at NOL to serve as branch chief of Branch No. 1 of the Electromagnetism Influence Division, Underwater Ordnance Department.

Recent staff changes at **Oak Ridge National Laboratory** include: C. E. Winters, acting director of the Reactor Experimental Engineering Division, has been appointed assistant research director; F. L. Culler has been named director of the Chemical Technology Division to succeed F. L. Steahly, who is leaving to become assistant manager of the Idaho Falls plant of the American Cyanamid Company.

A new experimental farm near Terre Haute, Ind., combining for the first time animal nutrition and veterinary medicine into a single research unit, was opened on April 14th by **Chas. Pfizer & Co., Inc.** Complete facilities including laboratories and offices are located in the center of a 700-acre tract formerly occupied by a Federal ordnance plant. Although the work of the two is closely coordinated, veterinary medicine and animal nutrition centers are separated to provide efficient disease control. The farm research team is headed by H. G. Luther, director of agricultural development for the Pfizer company, and James McGinnis, poultry nutritionist.

Meetings and Elections

The Golden Anniversary Meeting of the **American Leather Chemists Association** will be held in Cincinnati, Ohio, June 7-10. The program will feature both historical and technical sessions, highlighted by a symposium covering fifty years of leather-making.

The Eastern and New England Sections of the **Association of Geology Teachers** held a joint annual meeting at Rensselaer Polytechnic Institute, April 3-4. Officers of the Eastern Section for the coming year are: president, S. W. Lowman; vice president, G. F. Adams; secretary-treasurer, M. T. Heald; editor, Lawrence Whitcomb. Officers of the New England Section are: president, J. B. Lucke; vice president, C. G. Doll; secretary-treasurer, R. E. Stoiber.

The **Centre National de la Recherche Scientifique** in Paris announced two symposia organized with the help of the Rockefeller Foundation: "L'Etude des Molecules d'Eau Dans Les Solides au Moyen des Ondes Electromagnetiques," June 25-27, with W. Gordy, Duke University, and G. E. Pake, Washington University, St. Louis, as lecturers; and "Les Problèmes Fondamentaux de la Classification Nucleaire," June 29-July 3, featuring A. J. Deutsch, Mount Wilson and Palomar Observatories, W. W. Morgan, Yerkes Observatory, and Bengt Stromgren, Yerkes Observatory.

At its fifteenth annual meeting, April 12-15 at White Sulphur Springs, W. Va., the **Industrial Research Institute** elected as its president Allen Abrams; H. G. Vesper was elected vice president and president-elect, and G. C. Worthington, secretary-treasurer.

A new society, the first of its kind in Venezuela, was founded in January. The **Sociedad Venezolana de Anatomía Patalógica**, with headquarters in Caracas, aims to advance pathological research and to stimulate scientific relations among its members. Its first officers are: J. A. O'Daly, president; L. Potenza, vice president; and Alberto Rivero, secretary.

Miscellaneous

A tuberculosis "university" has been opened in Cairo to serve students from the Arab nations. It is being sponsored by the **Egyptian Ministry of Health** in association with the World Health Organization. The new center will train students in modern methods of tuberculosis control, both preventive and curative.

A systematic attempt to maintain the genetic corn stocks of the Corn Belt region will be inaugurated July 1 when a new corn genetics research center will be established at the **University of Illinois** under the supervision of M. M. Rhoades and J. R. Laughnan of the university's botany and agronomy departments. Earl Patterson of California Institute of Technology will serve as coordinator. Besides maintaining present genetic stocks, the new research center will develop new combinations of chromosomal testers,

determine linkage relations of unplaced genes, and search for new genes. States to be served under the new program will be Ohio, Indiana, Michigan, Wisconsin, Minnesota, North Dakota, South Dakota, Nebraska, Kansas, Missouri, Iowa, and Illinois. Cooperating with the university will be the U. S. Department of Agriculture Experiment Stations throughout the North Central region, and the Primary Introduction Station at Ames, Ia. The project will be supported by a grant from the U. S. Department of Agriculture.

The **Interamerican Foundation for Postgraduate Medical Education** has been organized for the purpose of encouraging exchanges of educators, postgraduate students, and research workers in the field of medicine and allied sciences in Latin and North American countries. Financial support has been obtained and more is now being solicited from firms in North America interested in the furtherance of friendly relations between the Americas. Committees of medical educators in each Latin American country will be asked to assume responsibility for nominating candidates for fellowships. The proposed program also provides for interchanges of a limited number of visiting lecturers, with expenses defrayed through the foundation. The Executive Director of the foundation is Alberto Chattas of Cordoba, Argentina. Present headquarters are at 112 E. Chestnut Street, Chicago 11, Ill.

The Technical Information Division of the **Library of Congress** (formerly the Navy Research Section) and the Document Service Center of the Armed Services Technical Information Agency (ASTIA), Dayton, Ohio, have been integrated to centralize report services for the Department of Defense and its contractors. ASTIA will perform indexing, abstracting, and comprehensive bibliographic services. The Document Service Center now receives technical documents and is the principal point of contact for technical reports services, including the publication of a high-speed *Title Announcement Bulletin*, which replaces the *Technical Information Pilot*, formerly published by the Technical Information Division. Also, the Center notifies users of the existence of new documents within a few days after their receipt by ASTIA. Library reference service is offered by ASTIA at the Document Service Center, the Technical Information Division, and the ASTIA regional offices in Los Angeles and New York.

Recent foreign visitors reported by the **National Bureau of Standards** include: Ole K. Anderson, Copenhagen; R. W. G. Hunt, Harrow, England; Stig Rahm, Grangersberg, Sweden; R. A. F. Hammond, Armament Research Establishment, Woolwich, England; H. A. B. Boulton, Cardiff, England; D. Nicholson, County Durham, England; H. Corsten-Moller, Copenhagen; Tore Siogvist, Boliden, Sweden; A. Perlat, Paris; Mario Dalmozzo, Corsica, Italy.