

NEWS

and Notes

The Senate passed the National Science Foundation Bill on May 20, 1947. The bill passed was essentially S. 526 (*Science*, February 21, pp. 191-194) but with two major amendments. One provides that 25 per cent of the funds will be distributed to tax-supported and land-grant colleges; the other, that the Director of the Foundation will be appointed by the President of the United States instead of by the Executive Committee of the Foundation.

Other amendments added specific provision for research in cancer and other medical fields, broadened slightly the field from which nominations for membership in the Foundation will be secured, and altered slightly the wording of the tax provisions. These changes were adopted without opposition.

The Senate discussed the bill for four days. Most of this time was spent in debating amendments. Senator Kilgore introduced an amendment calling for the distribution of at least 25 per cent of the funds to the states and specifying that at least half of that money be spent in tax-supported and land-grant institutions; the other half would be available to private colleges and universities. This amendment was defeated. Senator Morse then introduced an amendment which also provided that at least 25 per cent be distributed to the states but which differed from the previous one in requiring that all this money be spent in tax-supported and land-grant institutions. It further provided that two-fifths of the 25 per cent be divided among the states in equal shares and the remainder in proportion to population. In order to secure any money under this provision, an institution must submit acceptable research proposals. Senator Morse's amendment,

after considerable debate, passed by a vote of 42 to 40.

S. 526 originally authorized the President to appoint a National Science Foundation of 48 members. The Committee on Labor and Public Welfare reduced this number to 24.

On the Senate floor an amendment which would have replaced the 24-member Foundation by a single Administrator was defeated. An amendment was then introduced by Senators Magnuson and Fulbright, giving the President power to appoint the Director as well as the Foundation. The Director would be appointed after consultation with the Foundation and would be subject to approval by the Senate. This amendment was frankly a compromise between two opposing points of view. One group believed that the Director should be appointed by, and be responsible to, the President; the other, that he should be selected by, and be responsible to, a large, independent board. The compromise expressed in the Magnuson-Fulbright amendment was proposed on May 1 by the Inter-Society Committee for a National Science Foundation and was supported by Senators Smith and Saltonstall as well as by its authors. It was strongly opposed by Senator Taft. This passed by a one-vote margin.

During the discussion of this amendment, two versions were considered. One gave both the President and the Foundation power to remove the Director. The other did not give that power to the Foundation. The version which was adopted gives removal power to the President, but not to the Foundation. Some of the Senators apparently were under the impression that they were voting for the other version. When the error was discovered, Senator Smith introduced a motion to reconsider, but later withdrew that motion. The press explained that he planned an attempt at giving the Foundation removal power when the House and Senate bills are brought together in conference.

An amendment creating a separate

Division of Social Sciences, introduced by Senator Fulbright, failed to carry.

The final vote on the amended bill was 79 for to 8 against.

Scientists interested in the final adoption of science foundation legislation can now turn their attention to the House of Representatives. Its Committee on Interstate and Foreign Commerce held public hearings on science foundation bills on March 6 and 7. The next step necessary is for that Committee to submit a report recommending passage of the bill by the House of Representatives.

About People

Laurence H. Snyder, chairman of the Department of Zoology and Entomology, Ohio State University, delivered the Harry Burr Ferris Memorial Lecture at Yale University on April 30. His subject was "Principles of Gene Distribution in Human Populations."

William B. Davis, chairman, Department of Fish and Game, Texas A & M College, will head a group of 10 students in a cooperative study of an experimental deer range with the Colorado Fish and Game Commission near Meeker, Colorado, June 1-July 15.

Boris K. Likharev, paleontologist and member of the All-Union Geological Institute of the USSR, was honored at a special meeting of the Institute on March 20 upon the occasion of his 60th birthday and the 40th anniversary of his career in scientific research.

Llewelyn Williams, curator of economic botany, Chicago Natural History Museum, has returned to the Museum after a leave of absence of 15 months, devoted to the study of latex-yielding trees and to field trips in Mexico and the West Indies.

Knut Schmidt-Nielsen, research associate, Department of Zoology, Swarthmore College, has been appointed docent in biochemistry at the University of Oslo.

Van R. Potter, McArdle Memorial Cancer Research Laboratory, University of Wisconsin, recently presented a series of 10 lectures on the nature and activities of enzymes at the School of Medicine, University of Louisville, Kentucky.

O. E. Jennings and **E. R. Eller** were awarded the honorary degrees of LL.D.

and D.Sc., respectively, at the convocation of Waynesburg College, Pennsylvania, on February 24. Dr. Jennings is director, and Mr. Eller, curator of Invertebrate Paleontology, at Carnegie Museum, Pittsburgh.

Phillips M. Brooks, formerly with the Army Air Corps, where he conducted research in temperature tolerances and physiological hazards of high-altitude flight, has been appointed plant physiologist for the Natural Rubber Research Project at Salinas, which is conducted by the Stanford Research Institute under contract with the Office of Naval Research.

Visitors to U. S.

Plinio Rodriguez, of the Butantan Institute, São Paulo, Brazil, spent two weeks during April at the University of Texas Medical Branch, Galveston, to learn new methods of studying rickettsial diseases developed by Ludwig Anigstein. Dr. Rodriguez is visiting U. S. medical research centers under the auspices of the Coordinator of Inter-American Affairs, Washington, D. C.

Paul A. M. Dirac, Lucasian professor of mathematics, University of Cambridge, has been appointed visiting professor in the School of Mathematics, Institute for Advanced Study, Princeton, for the academic year beginning September 1947.

Grants and Awards

The American Society of Agronomy has established two new \$500 annual awards for outstanding agronomy research from funds provided by W. H. Stevenson, vice-director of the Iowa Agricultural Experiment Station, and Mrs. Stevenson. Dr. Stevenson was head of the Department of Agronomy, Iowa State College, from 1910 to 1932, and has been vice-director of the Station for 35 years. He is also known for work as director of the Iowa Soil Survey.

The Massachusetts General Hospital Warren Triennial Prize for 1946 has been awarded to Paul C. Zamecnik and Fritz Lipmann for their essay, "Studies on *Cl. welchii* lecithinase," according to Joseph C. Aub, director, Cancer Commission of Harvard University, Massachusetts General Hospital, Boston.

Reuben Roseman, formerly of the 32nd General Hospital, U. S. Army, and at present with the Glidden Company,

Baltimore, Maryland, has received the Bronze Medal of the University of Liège, Belgium, for aid rendered to the Bavière Hospital of the University during the war.

Scholarships

The John N. Derschug Memorial Scholarship in Engineering is to be founded at the College of Applied Science, Syracuse University, this fall. The annual scholarships will cover full tuition and expenses for complete courses in engineering given during the academic year. The fund for the scholarships has been provided by the Easy Washing Machine Corporation in honor of its founder, John N. Derschug.

Further details may be obtained from Dean Louis Mitchell, College of Applied Science, Syracuse University, Syracuse, New York.

Oklahoma Baptist University announces that 1947-48 graduate assistantships are available in the Departments of Geology, Biology, Chemistry, Home Economics, and Mathematics. Those interested may apply to John W. Raley, President, Oklahoma Baptist University, Shawnee, Oklahoma.

Colleges and Universities

A new photoelectric instrument, called a particle counter, has been developed in the Chemistry Department of Northwestern University. Announcement of the device was made by Frank T. Gucker, Jr., professor of chemistry, at the recent meeting of the American Chemical Society in Atlantic City, New Jersey. Collaborating with Prof. Gucker in developing the counter were: Chester T. O'Konski, research associate at Northwestern; Hugh B. Pickard, now assistant professor of chemistry, University of Maryland; and James N. Pitts, Jr., a candidate for the Ph.D. degree in chemistry at the University of California, Los Angeles.

The instrument, which automatically counts bacteria or smoke particles with diameters as small as 25 millionths of an inch and four millionths of a billionth of an ounce in weight, will be useful to the research bacteriologist in testing contamination and to industrial plants producing pharmaceuticals or chemicals by fermentation. According to Prof. Gucker, "the counter also may serve in detecting dust which must be excluded in

the manufacture of photographic film and fine optical instruments."

The apparatus was designed and built originally under a contract with OSRD and improved under a subsequent contract with the Army Service Forces to test the filters of gas masks.

Summer Programs

The Ohio State University College of Agriculture will offer four new courses in fruit and vegetable technology beginning with the summer quarter on June 17. These courses have been designed to give students an opportunity to learn the beginning-to-end processing involved in the preservation, manufacture, quality control practices, and procedures used in fruit and vegetable canning, freezing, and dehydrating. Laboratory work will include inspection trips to food plants and the grading of preserved foods according to government standards.

Frederick C. Leonard, professor of astronomy, University of California, Los Angeles, will give a combined course in astronomy and meteoritics and a course in mathematics in the summer session of the University of New Mexico, Albuquerque, June 9-August 6. Dr. Leonard is a research associate of the Institute of Meteoritics, University of New Mexico.

Industrial Laboratories

Bausch & Lomb Optical Company has elected Ivan L. Nixon, manager of the Instrument Division, and Ben A. Ramaker, manager of the Ophthalmic Division, as vice-presidents. Re-elected were M. Herbert Eisenhart, president; Joseph F. Taylor, vice-president and treasurer; Carl L. Bausch, Theodore B. Drescher, and Carl S. Hallauer, vice-presidents; and Edmund S. LaRose, controller.

The Zemmer Company, Inc., Pittsburgh, Pennsylvania, has announced the appointment of Kenneth L. Waters as technical director. Formerly a pharmaceutical research specialist in Mellon Institute, Dr. Waters has been engaged in the revisional work of the new *U. S. Pharmacopoeia*.

Eastman Kodak Company has completed a giant aerial telephoto lens, built for the Army Air Forces. Designed for experimental aerial photography, the lens, measuring about a foot in diameter and four feet long and weighing about 125 pounds, has a 48-inch focal length, an

f/6.3 aperture, and a built-in heating system to counteract the effects of subzero temperatures at high altitudes. The new lens will permit large, sharp photographs to be taken from as much as a 10-mile altitude.

Eli Lilly and Company has appointed T. P. Carney head of the General Organic Chemical Research Department of the Lilly Research Laboratories. He was formerly with Reilly Tar and Chemical Company.

Elections

George B. Barbour, dean of the University of Cincinnati College of Liberal Arts, has been elected a corresponding member of the Royal Geographic Society of Belgium in recognition of his distinguished work in the field of geomorphology.

Harold Clayton Urey, director of the Institute of Nuclear Studies, University of Chicago, has been elected a foreign member of the Royal Society of London.

R. B. H. Gradwohl, director, Gradwohl Laboratories and Gradwohl School of Laboratory Technique, St. Louis, Missouri, was elected a Fellow of the Royal Society of Tropical Medicine and Hygiene, London, December 12.

E. E. Ecker, professor of immunology, Western Reserve University, has been elected Councillor of Honor, National Council on Scientific Investigations of Spain. Dr. Ecker, who recently returned from a tour of Europe, where he delivered a series of lectures on medical subjects, is also a member of the Royal Academy of Medicine of Spain.

Robert Cushman Murphy, American Museum of Natural History, New York, has been elected an honorary member of the California Academy of Sciences.

NRC News

Fellowships for research training in a number of scientific fields, including the applied sciences, are administered by the NRC. The support of these fellowships is derived from foundations, national societies, and industrial organizations.

The Merck Fellowship Board of the Council has awarded five fellowships for the year 1947-48, the first to be granted under a program established last No-

vember by a gift of \$100,000 from Merck & Co., Inc. The purpose of these awards is to provide advanced training in the related fields of chemistry and biology and thus foster the development of scientific leaders with broad competence. In accepting this gift the chairman of the NRC pointed out that these fellowships will set a pattern for the more effective participation of American industry in the training of scientific personnel.

The high caliber of the 49 applicants for the awards is evidence of the wisdom and need of the Merck gift. From among the candidates the following were selected:

Joseph Lein, New York City, for a study of the specificity of enzymes produced by mutated and nonmutated genes in *Neurospora* at California Institute of Technology.

Lorin John Mullins, Palo Alto, California, to work at the Naples Zoological Station, Naples, Italy, on the experimental modification of permeability phenomena in marine vertebrates and invertebrates.

Arthur Beck Pardee, Pasadena, California, for work at the University of Wisconsin. He will conduct researches in general physiology, histology, cytology, and related fields, as preparation for a career in medical research.

B. Roger Ray, Nampa, Idaho, for work at the Rockefeller Institute for Medical Research on the determination of movements of salts through certain nonaqueous solutions by means of high-speed centrifugation, the results of which will apply to the problem of cell permeability.

Nevin Stewart Scrimshaw, Rochester, New York, for a biochemical study of factors associated with toxic complications of pregnancy and fetal abnormalities at the University of Rochester.

The Board which made these selections consisted of: A. N. Richards, University of Pennsylvania, chairman; George W. Beadle, California Institute of Technology; Hans T. Clarke, Columbia University; George O. Curme, Jr., Carbide and Carbon Chemicals Corporation; Rene J. Dubos, Rockefeller Institute for Medical Research; and Detlev W. Bronk, chairman of the NRC (*ex officio*).

Fellowships to promote fundamental research in the Natural Sciences are supported by a grant from the Rockefeller Foundation. These are awarded to young men and women who have demonstrated outstanding ability in research for

the purpose of enabling them to gain further experience in conducting investigations at institutions which make adequate provision for effective prosecution of such work. Recipients of the 12 awards made for 1947-48 are:

Robert O. Bloomer, New York, to study the structure and stratigraphy of the Blue Ridge in Virginia, at Harvard University.

Gene B. Carpenter, Cambridge, Massachusetts, to work on an X-ray diffraction investigation of the solid forms of cyclohexane at California Institute of Technology.

John K. Galt, Portland, Oregon, to work on relaxation processes in ferromagnetic materials at the H. H. Wills Physical Laboratory, Bristol, England.

Bernard Hammermesh, a reappointment, to continue work at California Institute of Technology. His research will be on the mesotron energy spectrum.

Tong Hing, New York City, to conduct researches on normed rings and topological spaces at the Institute for Advanced Study.

John P. Hummel, Northfield, Minnesota, to conduct researches on a study of oxidative phosphorylation disturbances on myopathies at Wenner-Grens Institute, Stockholm, Sweden.

Edward S. Lewis, Weymouth, Massachusetts, to work at the University of California, Los Angeles, on the mechanism of the Sandmeyer reaction.

F. Harlan Lewis, Redlands, California, to conduct researches on a cytological study of the genus *Godezia* at the John Innes Horticultural Institute, London, England.

Herman Rubin, Chicago, Illinois, to conduct researches on systems of temporal stochastic equations at the Institute for Advanced Study.

Merle E. Tuberg, Rochester, Minnesota, a reappointment, to conduct researches on atomic structure calculations at Girton College, Cambridge, England.

Eugene C. Worman, Jr., Cambridge, Massachusetts, to conduct researches on the prehistoric and early historic cultures of India and their relations to others in the Near East and Far East, at Harvard University.

Daniel Zelinsky, Chicago, Illinois, to work on topological algebra of non-associative systems at the Institute for Advanced Study.

The Board of Selection consisted of: Detlev W. Bronk, chairman, NRC;

Rollin T. Chamberlin, University of Chicago; M. H. Jacobs, University of Pennsylvania; Frank B. Jewett, National Academy of Sciences; Duncan A. MacInnes, Rockefeller Institute; and John C. Slater, Massachusetts Institute of Technology.

The Medical Fellowship Board is enabled, by a grant from the Rockefeller Foundation, to offer the National Research Fellowships in the Medical Sciences, designed to give special facilities for training and experience in research to persons who wish to devote themselves to an investigative career in the medical sciences. Such awards are intended for recent graduates who are not yet professionally established.

The Rockefeller Foundation has also provided the Council with funds in support of the Welch Fellowships in Internal Medicine. These are of senior grade and are intended to provide a prolonged period of advanced training for individuals of proven ability in research.

The National Foundation for Infantile Paralysis, Inc., has made available a grant in support of research fellowships in fields related to infantile paralysis. Under this appropriation, fellowships are offered (1) to provide opportunities for training and research in those basic medical sciences which will be of particular value in furthering progress in the field of orthopedic surgery and (2) for special experience in the study of virus diseases. Senior Fellowships in the fields of orthopedic surgery, pediatrics, and virus diseases, open to men and women who have already shown definite achievement in research, are also offered under this grant.

Fellowships in Anesthesiology, designed to give the candidate a year or more of experience in the sciences basic to anesthesiology, have been provided by a grant from the American Society of Anesthesiologists, Inc.

Twenty-eight new fellows received appointments for 1947-48, and 10 fellowships were renewed at meetings in March and April 1947. In addition, 7 fellows were granted three-year appointments to Welch or Senior Fellowships during 1946 and will therefore serve the second year of their terms during 1947-48. The 45 fellows holding appointments for the year 1947-48 are listed below:

Fellows in the Medical Sciences:

Forrest H. Adams, San Diego, Cali-

fornia, to work in the field of pediatrics at the University of Minnesota.

Jerry K. Aikawa, Alameda, California, to study the pathological physiology of rheumatic fever at the University of California Medical School.

Rose G. Ames, Jackson Heights, New York, to study renal function in infancy at the Babies Hospital, New York City.

John M. Buchanan, Kalamazoo, Michigan, for work at the Nobel Institute, Stockholm, Sweden, on the isolation and purification of an iron-proteid substance found in milk (renewal).

Donald G. C. Clark, New Haven, Connecticut, to study the proteolysin inhibitor in mammalian blood at the Yale University School of Medicine.

Harry F. Colfer, Dillon, Montana, for correlative studies of the electrophysiology and the electrolyte equilibria of nerve cells at Cambridge University, Cambridge, England.

Robert H. Furman, Schenectady, New York, to study the physiology of coronary occlusion at Vanderbilt University School of Medicine.

Robert J. Glaser, St. Louis, Missouri, to study the pathogenesis of the rheumatic diseases at Washington University School of Medicine, St. Louis.

Willard E. Goodwin, Montrose, California, to study prostatic and renal physiology at the Johns Hopkins Hospital, Baltimore, Maryland.

David G. Greene, Buffalo, New York, to study the pathological physiology of chronic pulmonary disease and of congenital heart disease at the College of Physicians and Surgeons, Columbia University.

Daniel L. Kline, New York City, for an *in vitro* study of hormonal influences in protein metabolism at Yale University School of Medicine.

Robert S. Knighton, Los Angeles, California, to study frontothalamic connections at the Montreal Neurological Institute.

Benjamin A. Levitan, Ottawa, Canada, to study the trophic effect of cholinergic drugs at McGill University, Montreal.

Herman C. Lichstein, Madison, Wisconsin, to study the amino acid metabolism of bacteria at Cornell University (renewal).

William F. Loomis, Tuxedo Park, New York, to study the enzymatic oxidations of the tricarboxylic acid cycle at Massachusetts General Hospital, Boston (renewal).

Gilbert H. Mudge, New York City, to study the lymphocidal and cytotoxic action of nitrogen mustard with comparison to radiotherapy at the College of Physicians and Surgeons, Columbia University.

Sanford L. Palay, Cleveland, Ohio, to study the localization of functions in the cell at the Rockefeller Institute for Medical Research, New York City.

Gifford B. Pinchot, Milford, Pennsylvania, to study the metabolic changes produced in the host by *B. tularensis* infection at the Yale University School of Medicine (renewal).

Ernest Sachs, Jr., St. Louis, Missouri, to study autonomic representation in the cerebral cortex at Yale University School of Medicine.

Alvin L. Sellers, Los Angeles, California, to study the nature of vascular hypertension at the University of London Medical School, London, England.

Joseph R. Stern, Toronto, Canada, to study the intermediary metabolism of carbohydrate and of protein at the University of Sheffield, England.

Welch Fellows in Internal Medicine:

S. Howard Armstrong, Jr., Boston, Massachusetts, to study the interaction of proteins and small molecules of known biological and chemical specificity at the Massachusetts Institute of Technology (renewal).

James H. Baxter, Jr., Ashburn, Georgia, to study liver and kidney injury produced in rats by diets containing pyridine; location of work to be determined (second year).

John V. Taggart, New York City, to study the nature of enzyme systems in various disease states at the College of Physicians and Surgeons, Columbia University (second year).

Fellow in Orthopedic Surgery:

Thomas Gucker, III, Philadelphia, Pennsylvania, to study the circulation in normal and paralytic extremities at the Children's Hospital, Boston (renewal).

Fellows in the Field of Virus Diseases:

Harvey Blank, Chicago, Illinois, to study infection with the virus of herpes simplex at the University of Pennsylvania and at the Children's Hospital, Philadelphia.

Bernard A. Briody, Jr., Bethlehem, Pennsylvania, to study the interference phenomenon in filtrable viruses at the University of Michigan (renewal).

Fred M. Davenport, Greenwich, Connecticut, to study the etiology and

pathogenesis of acute infections of the respiratory tract at the Rockefeller Institute for Medical Research, New York City.

J. Lester McCallum, Avoca, Quebec, Canada, to study immunity in virus diseases at the University of Michigan.

Robert Rustigian, Medford, Massachusetts, to study the diagnosis of virus diseases at Harvard Medical School, Boston (renewal).

Duward L. Walker, San Francisco, California, to study the transmission of pneumotropic viruses at the Rockefeller Institute for Medical Research, New York City.

Senior Fellows in Pediatrics:

Gordon E. Gibbs, San Francisco, California, to study pancreatic disease in childhood at the University of California Hospital, San Francisco.

Victor A. Najjar, Baltimore, Maryland, for work on the purification of the enzyme phosphoglucomutase and study of its kinetics at the Washington University School of Medicine, St. Louis (renewal).

John L. Peck, Baltimore, Maryland, to study tissue antigens and antibodies in the pathogenesis of disease at the Johns Hopkins Hospital, Baltimore.

Edward L. Pratt, Boston, Massachusetts, to study water and electrolyte metabolism at Yale University School of Medicine (second year).

Alex J. Steigman, Philadelphia, Pennsylvania, to study the adaptation of human poliomyelitis viruses in mice of varying genetic constitution at the Children's Hospital Research Foundation, Cincinnati, Ohio.

James E. Ziegler, Jr., San Francisco, California, to study the chemistry of cellular enzymes at Yale University (second year).

Senior Fellows in the Field of Virus Diseases:

Martha B. Baylor, Chicago, Illinois, to study the genetics of tobacco mosaic virus at the Rockefeller Institute for Medical Research.

Lewis L. Coriell, Missoula, Montana, to study herpes simplex at the Children's Hospital of Philadelphia.

Harry A. Feldman, Washington, D. C., for work on the isolation of the measles virus and the development of the immune mechanisms and epidemiology of the disease at the Children's Hospital Research Foundation, Cincinnati, Ohio (second year).

Herbert R. Morgan, Riverside, Cali-

formia, to study methods for the isolation of viruses from contaminated materials at Thorndike Memorial Laboratory, Boston (second year).

John R. Neefe, Philadelphia, Pennsylvania, to study infectious hepatitis at the University of Pennsylvania (second year).

Frederick C. Robbins, Bronxville, New York, to study the epidemiology and possible viral etiology of infantile diarrheas and means of increasing the quantity of the viruses of the poliomyelitis group at the Children's Hospital, Boston.

Fellows in Anesthesiology:

Simpson S. Burke, Jr., Los Angeles, California, to study carbon dioxide absorption and analysis of nitrous oxide mixtures at the University of Wisconsin (renewal).

Margaret C. Pratt, Detroit, Michigan, to study the influence of pontine reticular nuclei on reflex response to anoxia and to make a comparative study of procedures for maintenance of oxygenation in pneumonectomy and occlusion of pulmonary vessels at McGill University, Montreal.

All of the fellowships listed above are administered by the Medical Fellowship Board, which is composed of: Robert F. Loeb, Columbia University, chairman; G. W. Beadle, California Institute of Technology; Alfred Blalock, Johns Hopkins University; Paul R. Cannon, University of Chicago; W. U. Gardner, Yale University; A. Baird Hastings, Harvard Medical School; T. Grier Miller, University of Pennsylvania; Homer W. Smith, New York University; A. Ashley Weech, University of Cincinnati; and John B. Youmans, University of Illinois.

A Norwegian-Swedish-British expedition to Antarctica is being planned for the autumn and winter of 1948, according to the American-Swedish News Exchange, Inc. Technical preparations for the expedition are in charge of Gen. Hjalmar Riiser-Larsen, an adviser with the Scandinavian Airlines System in Stockholm and former head of the Norwegian Air Corps, who will also lead the expedition if his advisory duties to the Airline permit. The scientific planning of the expedition is being handled by Hans W. Ahlmann, professor of geography, Stockholm University, who has led many Arctic expeditions and is known

for his glaciological research. The landing party, as now planned, will include a geographer, biologist, meteorologist, and glaciologist from each country.

A 5,000-ton former German troopship, the "Svalbard," now belonging to Norway, will carry the party to Crown Princess Astrid Land, which will be the base of operation.

The American Institute for Research, Pittsburgh, incorporated last year as a nonprofit organization to carry out a research program in personnel psychology, is currently working on the problem of increased safety in commercial airline flying at the request of the Civil Aeronautics Administration. The project is being carried on under a contract with the Committee on Selection and Training of Aircraft Pilots, National Research Council. A critical analysis of the pilot's job is the immediate goal of the project. All relevant aspects of airline flying are being studied, and both the pilots' organization and the airline companies are cooperating with the Institute to insure representative results.

Other projects on which work is now in progress include the development of improved procedures for evaluating the efficiency of Army Air Force officers and the development of new types of aptitude and personality tests.

Although the main offices of the Institute are located in the Cathedral of Learning, University of Pittsburgh, there is no official connection with the University. Several members of the organization, however, hold appointments in the Department of Psychology.

Make Plans for—

The American Heart Association, Inc., annual meeting, June 6-8, Atlantic City, New Jersey.

American Society for the Study of Blood, organizational meeting, June 8, Hotel Claridge, Atlantic City. New Jersey.

American Institute of Electrical Engineers, summer general meeting, June 9-13, Montreal.

American Medical Association, centennial session, June 9-13, Atlantic City, New Jersey.

American Society of Mechanical Engineers, wood industries national conference, June 12-13, Madison, Wisconsin.