NEWS and Notes

James Stevens Simmons, dean of the Harvard School of Public Health, has been appointed chairman of the Advisory Medical Board of the Leonard Wood Memorial (American Leprosy Foundation). Gen. Simmons was recently awarded the Legion of Honor by the French government in recognition of his service to France as chief of the Preventive Medicine Service for the U. S. Army.

Alexander M. MacKay, Canadian anesthetic specialist, has been appointed subchairman of the Department of Anesthesiology at the University of Wisconsin to succeed **Ralph Waters,** who retired last fall.

S. C. Ogburn, Jr. has been made a director of the Foote Mineral Company of Philadelphia, where he holds the position of manager of research and development.

Francis W. Dunmore, co-inventor with the late Harry Diamond of the blind landing system for aircraft retired from the staff of the National Bureau of Standards after 31 years of service.

Ralph W. Sockman, chaplain of New York University and pastor of Christ Church, Methodist, has been made director of the Hall of Fame for Great Americans to succeed the late James Rowland Angell.

Abbott Research Laboratories has announced three recent appointments: **Marlin T. Leffler** as assistant director of research, **Marvin A. Spielman** as head of the organic research department, and **Arthur W. Weston** as assistant head.

Hans Lowenbach, associate professor of neuropsychiatry at Duke University, has been called to active duty by the U. S. Army Medical Corps for a year's service in the European theater.

Carl L. Titus, former director of the Magnetic Recorder Division, Armour Research Foundation, Chicago, has been appointed assistant director of the Stanford (California) Research Institute, where he will be in charge of development and industrial service.

Isadore Levin, director of the Physical Medicine Department, Doctors Hospital, Washington, D. C., has been appointed an associate professor of medicine, in charge of the Department of Physical Medicine of the Georgetown University School of Medicine.

Hans Brattström, of Lund University, Sweden, has been appointed professor of zoology at the University of Bergen, Norway. Professor Brattström is at present studying the fauna of the Pacific along the south coast of Chile.

Stanley A. Cain, plant geographer at the Cranbrook Institute of Science, will attend the ninth International Phytogeographic Excursion in Ireland in July. He will also attend a conference at Trinity College, Dublin, on current problems in glacial history of northeastern Europe.

Earle K. Plyler, of the National Bureau of Standards' Radiometry Laboratory, has been appointed consultant to the Atomic Energy Commission at Oak Ridge, where he will act as advisor on molecular spectra and infrared spectrometry.

John O. Brew, lecturer on anthropology and director of the Peabody Museum, has been appointed Peabody Professor of American Archaeology at Harvard University.

James A. Shannon, director of the Squibb Institute for Medical Research, New Brunswick, New Jersey, has been appointed associate director of the National Heart Institute in charge of research.

Arthur J. Eames, professor of botany, Cornell University, has been appointed president of the Section of Morphology and Anatomy of the Seventh International Botanical Congress to be held in Stockholm next year.

Visitors to U. S.

James F. Danielli, English cancer specialist and honorary secretary of the British Biological Council, gave a series of lectures at the University of Chicago, April 27–29.

Hideki Yukawa, nuclear physicist of Kyoto University, Japan, has been named visiting professor of physics at Columbia University for the 1949–50 academic year. Professor Yukawa is presently engaged in research at the Institute for Advanced Study at Princeton.

A. M. J. F. Michels, of Van der Waals Laboratory, Amsterdam, presented a paper on high pressure as a tool in the study of molecular physics at the recent meeting of the American Physical Society, in Washington, D. C.

L. H. Gray, of the Radiotherapeutic Research Unit of the Medical Research Council, Hammersmith Hospital, London, spoke on the influence of morphology of the ionization tract on the biological effects of radiation, at the Argonne National Laboratory seminar held April 22. **Lars Melander,** of the Sweden Nobel Institute, Stockholm, was another recent visitor at Argonne.

Grants and Awards

Gilbert Grosvenor will be the first recipient of the National Geographic Society's newly established Grosvenor Medal. He will be given the medal May 19, on his 50th anniversary as editor-in-chief of the National Geographic magazine.

The U. S. Atomic Energy Commission will finance 21 new research programs in biology and medicine, under contract with 16 universities and two hospitals. Eleven of the contracts will be administered directly by the AEC; the remainder by the Office of Naval Research. The contracting institutions, administrative offices, project supervisors, and studies to be made are as follows:

Amherst College, ONR, *H. H. Plough,* research in radiobiology and chemical genetics; University of Cincinnati, ONR, *Robert Kehoe,*

studies on chronic berylliosis, tumor production by beryllium, and analytical methods; Columbia University, AEC, *S. C. Werner,* use of radioactive iodine in developing quantitative assay method for thyrotropic hormone; University of Delaware, ONR, *Mary A. Russell,* comparison of the effects of X-rays, neutrons, and mustard compounds on the growth and development of corn seedlings; University of Denver, ONR, *Fred E. D'Amour,* the physiologic and pathologic effects of radioactive cobalt; Duke University, ONR, *Philip Handler,* metabolic studies with radioactive isotopes; University of Florida, AEC, *A. A. Bless,* bioelectric potentials of plants and animals as a function of radiation injury; Henry Ford Hospital, Detroit, AEC, *F. W. Hartman,* survival of red blood cells after treatment with nitrogen mustard; Johns Hopkins University, AEC, *Abel Wolman,* proposed investigation of adsorption and assimilation of radioactive waste by bacterial slimes; University of Kansas, AEC, *E. R. Hall,* radium chloride and hemopoietic physiology of native rodents; Meharry Medical College, ONR, *Paul Hahn,* treatment of neoplasms; University of Michigan, ONR, *Fred J. Hodges,* radioautography; Mount Sinai Hospital, New York City, AEC, *R. Loevinger,* measurement of tissue dose due to gamma and beta active radioisotopes; University of North Carolina, AEC, *C. P. Van Cleave* and *C. T. Kaylor,* radioautographic study of beryllium 7; North Carolina State College (three contracts): (1) ONR, *J. A. Weybrew,* metabolism of copper; (2) AEC, *W. C. Gregory,* peanut seed irradiation; (3) AEC, *N. S. Hall,* movement of ions through soils systems; Purdue University, ONR, *Heinrich Koffler* and *P. A. Tetrault,* use of radioactive isotopes in studying mold metabolism, with emphasis on the assimilatory mechanisms of *Penicillium chrysogenum*; Washington University School of Medicine, ONR, *Wendell Scott,* experiments to determine the feasibility of developing equipment that will be capable of mapping the outlines of organs or deposits of metastatic tumor within the body; Yale University (two contracts): (1) AEC, *E. C. Pollard,* monomolecular layers of serological agents; (2) AEC, *E. C. Pollard,* irradiation of viruses and large molecules.

Vannevar Bush, president of the Carnegie Institution and wartime chairman of the Office of Scientific Research and Development, has been awarded the 1949 medal of the Industrial Research Institute for his coordination of industrial and academic research with the defense effort.

Fellowships

Massachusetts Institute of Technology's department of aeronautical engineering announces the following five graduate fellowships for 1949–50: **Richard C. du Pont Memorial Fellowships** in aeronautical engineering, for graduate students in any year of work toward an advanced degree, tuition plus $1200 single, $1800 married (two available). **Douglas Aircraft Company Fellowship,** for a graduate student, $1500 (one available). **Goodyear Tire and Rubber Company Fellowships** for graduate students, $1500 (two available). Further details may be obtained by writing Professor J. C. Hunsaker, Department of Aeronautical Engineering, Massachusetts Institute of Technology, Cambridge 39, Massachusetts.

The National Research Council announces the availability of 50 Atomic Energy Commission Technical Fellowships in Radiological Physics. These fellowships, which are administered by the NRC, are intended to develop a pool of trained individuals to meet the many needs of industrial laboratories, AEC plants, and hospitals. The primary requisites in the selection of the technical fellows is an undergraduate degree with a major in physics, chemistry, or engineering (usually electrical or chemical) with a minor in mathematics, biophysics, or similar fields; applicants with other qualifications may be considered in special cases. Applicants must be citizens of the U. S. under 35 years of age.

Fellows will probably be assigned for training to one of the AEC installations. The training programs may differ in detail among the training organizations, but will cover the general subjects of radiation measurements, industrial hygiene and toxicology, sanitary engineering, radiation biology, introduction to research, modern physics, nuclear physics, and mathematics. The annual basic stipend is $1,500 for a single fellow, and up to $2,500 for a married fellow. Tuition, fees, and travel expenses will be paid. Initial appointments will be for one year, and reappointment may be made upon application if warranted by the progress of the fellow. Applications will be acted upon in June, and only those applications completely documented by *June 10* will be considered by the NRC Fellowship Board at that time. The fellowships will begin at the start of the academic year 1949–50. Requests for application blanks or additional information should be addressed to the Fellowship Office, National Research Council, 2101 Constitution Avenue, Washington 25, D. C.

Colleges and Universities

Harvard University's School of Public Health has announced a new training program for cancer control officers, financed in part by grants from the U. S. Public Health Service and the Massachusetts Division of the American Cancer Society. The course is open to candidates for the degrees of Master of Public Health and Doctor of Public Health and provides training for doctors, statisticians, and health educators for participation in cancer control work. The program will be directed by Leonid S. Snegireff, associate professor of cancer control at the Harvard School of Public Health.

Summer Programs

San Francisco State College will hold a field school of natural history June 27–August 6 in Bixby Canyon, Monterey County, California. The course will offer first-hand field experience for students of college level, with emphasis on

the identification of plants and animals and their interrelationship with nonliving surroundings. Further information may be had by writing the Division of Natural Science, San Francisco State College, 124 Buchanan Street, San Francisco 2.

A new 6-month course in nuclear science will be given at **Reed College,** Portland, Oregon, under the sponsorship of the Atomic Energy Commission. It is designed to meet the needs of post-doctoral fellows under the AEC's Division of Biology and Medicine, but is open to other qualified persons. The summer session will be held July 5–September 10 and will include a review of physics and introduction to nuclear physics by Kenneth Davis, assistant professor of physics; a review of mathematical analysis and introduction to statistics by Robert A. Rosenbaum, associate professor of mathematics; and a review of the principles of chemistry by Arthur F. Scott, professor of chemistry, and Josef F. Bunnett and Arthur H. Livermore, assistant professors of chemistry. Information on the program may be obtained by writing the AEC Training Program, Reed College, Portland 2, Oregon.

A special summer course, Catalysis in Organic Chemistry, will be offered at the Ipatieff Cataysis Laboratory at **Northwestern University** by Herman Pines, of the Universal Oil Products Company. Inquiries should be addressed to R. K. Summerbell, Chairman, Department of Chemistry, Northwestern University, Evanston, Illinois.

The New England Association of Chemistry Teachers will hold its 11th summer conference August 22–27 at the University of New Hampshire, at Durham. Further information may be had by writing the conference secretary, Carl P. Swinnerton, Pomfret School, Pomfret, Connecticut.

The Second Annual Industrial Mycology Short Course will be held at **Purdue University** July 11–23. The course will include a series of evening lectures, a morning lecture-laboratory course in mold isolation and identification, and an afternoon course in physiology of the fungi. Further information may be obtained by writing to M. M. McClure, Division of Technical Extension, Purdue University, Lafayette, Indiana.

Industrial Laboratories

Vitamin B_{12}, the heretofore rare pernicious anemia specific, will now be available in large quantities, **E. R. Squibb and Sons** has announced. Members of the Squibb research staff have discovered that B_{12} can be obtained from streptomycin mold.

Calco Chemical Division, American Cyanamid Company, Bound Brook, New Jersey, has consolidated its research, process development, and dyes technical service into a new department, to be known as Research and Development Department. It will be headed by K. H. Klipstein. H. Z. Lecher has been named director of research in charge of chemical research.

Meetings and Elections

The Company Member Conference of the American Standards Associaton will meet May 19–20. The first day's session will be held at the Benjamin Franklin Hotel, Philadelphia and will be devoted to discussions on standardization, by which it is the aim of the conference to improve service to industry and the consumer. Frank P. Tisch, chief engineer of the Pheoll Manufacturing Company and vice chairman of the Sectional Committee on Screw Threads, will discuss the importance to American industry of the British-Canadian-U. S. agreement on unified screw threads (see *Science,* April 1, 346). A tour of the Princeton Laboratories of the Radio Corporation of America, where a number of recent electronic developments are now on trial, is planned for May 20. Colleges and industrial organizations in the Philadelphia area are invited to send representatives to the meeting.

The Inter-University High Altitude Laboratory will hold a cosmic ray symposium at Echo Lake, Colorado, June 22–28. The U. S. Atomic Energy Commission and the Office of Naval Research will be co-sponsors with the six cooperating universities —the University of Chicago, Cornell University, University of Denver, Massachusetts Institute of Technology, New York University, and Princeton University. Discussion meetings on radiation will be led by Marcel Schein, those on properties of mesons by Carl D. Anderson, on nuclear interactions of cosmic rays by Bruno Rossi, and on showers by Hans Bethe and Kenneth Greisen. About 60 participants have been invited, and scientists who are not issued invitations may attend. Further details may be obtained from Byron E. Cohn, Department of Physics, University of Denver, Denver 10, Colorado.

The International Union of Chemistry will hold its 15th conference in Amsterdam September 6–10. Official U. S. delegates will be Roger Adams, University of Illinois; Ralph Connor, Rohm and Haas Company; Warren C. Johnson, University of Chicago; H. F. Mark, Polytechnic Institute of Brooklyn; Emil Ott, Hercules Powder Company; and Edward Wichers, National Bureau of Standards. W. Albert Noyes, Jr., chairman of the NRC Division of Chemistry and Chemical Technology, and vice president of the IUC, will also attend.

The National Academy of Sciences, at its annual meeting in Washington April 25–27, elected as vice president for a four-year term beginning July 1 Edwin Bidwell Wilson, professor emeritus of vital statistics, Harvard School of Public Health. (The other Academy officers are: president, Alfred N. Richards; foreign secretary, Detlev W. Bronk; home secretary, Fred E. Wright; treasurer, William J. Robbins.) Chosen as council members for a three-year term ending June 30, 1952, were: Joel H. Hildebrand, professor of chemistry, University of California at Berkeley; and Ernest W. Goodpasture, professor of pathology and dean of the School of Medicine, Vanderbilt University. (Other council members are: Alfred N. Richards, Edwin B. Wilson, Detlev W. Bronk, Fred E. Wright, William J. Robbins, Carl R. Moore,

W. Albert Noyes, Jr., J. Robert Oppenheimer, and Donald D. Van Slyke.)

Newly elected Academy members are: George W. Bartelmez, professor of anatomy, University of Chicago; Frank A. Beach, professor of psychology, Yale University; Robert B. Brode, professor of physics, University of California at Berkeley; Paul R. Burkholder, Eaton Professor of Botany, Yale University; Lowell T. Coggeshall, professor and chairman, Department of Medicine, and dean, Division of Biological Sciences, University of Chicago; Max Delbrück, professor of biophysics, California Institute of Technology; Robert C. Elderfield, professor of chemistry, Coumbia University; William F. Gibbs, vice president, Gibbs and Cox, New York City; William W. Hansen, professor of physics, Stanford University; Charles B. Huggins, professor of surgery, University of Chicago; Walter D. Lambert, U. S. Coast and Geodetic Survey (retired); Howard B. Lewis, professor and head of Department of Physiological chemistry, University of Michigan; Francis W. Loomis, professor and head of Department of Physics, University of IIllinois; Thomas S. Lovering, U. S. Geological Survey; Samuel M. McElvain, professor of chemistry, University of Wisconsin; Saunders MacLane, professor of mathematics, University of Chicago; Nicholas U. Mayall, Lick Observatory; Otto Meyerhoff, research professor of physiological chemistry, University of Pennsylvania; John S. Nicholas, Sterling professor of biology, Yale University; George B. Pegram, professor of physics and dean of graduate faculties, Columbia University; Kenneth S. Pitzer, professor of chemistry, University of California at Berkeley; Kenneth B. Raper, senior microbiologist, Northern Regional Research Laboratory, U. S. Department of Agriculture; John L. Savage, chief designer, U. S. Bureau of Reclamation, Denver; Carl F. Schmidt, professor of pharmacology, University of Pennsylvania; Julian Schwinger, professor of physics, Harvard University; Harry L. Shapiro, professor of anthropology, Columbia University; Oliver R. Wulf, professor, Division of Chemistry and Chemical Engineering, California Institute of Technology; Ralph W. G. Wyckoff, scientist director, National Institutes of Health; Frederick W. H. Zachariasen, professor and chairman of the Department of Physics, University of Chicago.

Six new foreign associates were elected by the Academy: Elie Cartan, professor of geometry, University of Paris; Paul A. M. Dirac, Lucasian professor of mathematical physics, St. John's College, Cambridge, England; Bernard Lyot, astronomer, Meudon Observatory, Seine-et-Oise, France; Henri Piéron, director, Laboratory of Physiological Psychology, The Sorbonne, Paris; Arne Tiselius, professor of biochemistry, University of Upsala, Upsala, Sweden; Öjvind Winge, director, Department of Physiology, Carlsberg Laboratory, Copenhagen (Valby).

The first branch of **RESA, the Scientific Research Society of America,** was installed at the Esso Research Club of the Standard Oil Company (New Jersey) in Linden, New Jersey, April 20. More than 300 research men, visiting scientists, and officials of the company were present. The afternoon program included an inspection trip of the laboratories of the new Esso Research Center, recently dedicated, and of the Bayway Refinery. The installation address on "Fuels and the Internal Combustion Engines of the Future" was given by Charles F. Kettering, of General Motors Corporation.

NRC News

The National Research Council has announced the awarding of the RCA Predoctoral Fellowships in Electronics to eight graduate students. The awards are supported by the Radio Corporation of America, and the selection of fellows was made by the RCA Fellowship Board of the National Research Council.

The newly appointed fellows and their fields of research are: *Charles K. Birdsall,* Stanford University, interaction of electric fields and electron streams; *David Carter,* Stanford University, electron bunching by means of electromagnetic waves; *William A. Craven, Jr.,* Princeton University, microwave techniques including generation, amplification, and transmission; *Gerald Estrin,* University of Wisconsin, microwave propagation and field theory; *Fumio Bob Naka,* Harvard University, focal properties of cathode-ray guns and illuminators; and *Howard C. Poulter,* Stanford University, interaction of electromagnetic waves and electron streams and its use in new types of vacuum tubes. Fellows whose awards have been renewed for another year are: *Arthur L. Aden,* Harvard University, for work in electromagnetic engineering and allied fields, with possible applications to meteorology; and *Robert W. Olthuis,* University of Michigan, for work in low pressure gas discharge applications at microwave frequencies.

The NRC has also announced ten awards of the Merck Postdoctoral Fellowships in the Natural Sciences. These fellowships are supported by Merck and Company, Inc., and the selection of fellows was made by the Merck Fellowship Board of the National Research Council.

The new appointees and their research topics are: *Melvin Cohn,* Pasteur Institute, Paris, biochemistry, immunochemistry, and enzymology, especially adaptive enzymes of bacteria; *Ruth Sager,* Rockefeller Institute for Medical Research, genetics: gene actions, gene and cytoplasm relations, cytoplasmic inheritance; *Robert C. C. St. George, Jr.,* California Institute of Technology, biological chemistry: cellular physiology with some emphasis on the chemistry of vision; *Edward C. Taylor, Jr.,* Laboratorium fur Organische Chemie, Zurich, stereochemistry of the pentacyclic triterpenes of the β-amyrin type. Fellows whose grants have been renewed, and their fields of work, are: *David H. Brown,* Washington University Medical School, synthesis and properties of compounds of biological interest; *Malcolm Gordon,* California Institute of Technology, intermediary metabolism; *Caspar W. Hiatt, 3rd,* Rockefeller Institute for Medical Research, chemical factors of natural immunity and the physical chemistry of proteins; *R. W.*

Lumry, Jr., University of Utah Medical School, enzyme kinetics as related to protein structure; *Clement L. Markert*, California Institute of Technology, embryology; and *Gunther S. Stent*, California Institute of Technology, physical chemistry, structure of high polymers, biophysics, bacterial viruses.

Deaths

W. Halsey Barker, 42, assistant dean of the Johns Hopkins University School of Medicine, died March 26 at Johns Hopkins Hospital, where he had been a patient for two months.

Jonas Borak, 56, Viennese radiologist who came to New York City ten years ago as a refugee, died April 4 of a heart ailment while lecturing at the New York Academy of Medicine.

Alphonse A. Thibaudeau, 64, head pathologist at the New York State Institute for the Study of Malignant Diseases, and former instructor in bacteriology at the University of Buffalo, died at his home in Buffalo April 6 following a brief illness.

Irving Hotchkiss Pardee, 57, neurologist at the Neurological Institute, Presbyterian Hospital, and at St. Luke's Hospital, New York City, and professor of neurology at Columbia University, died April 10 after a brief illness.

Whitman Cross, 94, geologist and authority on rose culture, died April 20 at Rockville, Maryland, after an illness of five years. Dr. Cross had been head of the U. S. Geological Survey for 37 years when he retired in 1925.

Catherine V. Beers, 57, associate professor of zoology at the University of Southern California, died April 22. Dr. Beers had done considerable work in genetics.

Sir Robert Robertson, 80, British chemist and director of the Salters Institute of Industrial Chemistry since 1937, died April 28 in London, after a brief illness. Sir Robert directed explosives research at Woolwich Arsenal during both world wars.

William H. Bauer and Irwin Gordon, Rutgers University ceramists, recently announced **the successful synthesis of single crystals of mullite**, a silicate rarely found in nature but occurring in the firing of certain ceramic materials. A new approach to silicate technology is suggested with the possibility of synthesizing commercially important silicates such as tourmaline, used in sonic detectors and electrical frequency controls.

The Federation of American Scientists, at its annual council meeting in Washington April 30–May 1, issued the following statement on National Science Foundation legislation:

"During the recently concluded hearings on National Science Foundation legislation before the House Committee on Interstate and Foreign Commerce, strong opposition to the entire Foundation concept was voiced by the National Patent Council. It appears that this organization has succeeded in arousing unfounded fears among small manufacturers and business men that the Foundation 'would inevitably dry up the creative fountainheads of American industry by stifling individual incentive to invent and produce.' In recent weeks Congressmen have had a steady flow of mail urging this point of view. The majority of the committee now considering the legislation is not likely to be impressed, since they have given sufficient study to the bills to recognize the falsity of the charges. But other Congressmen, who will make the final decision on the House floor, may be impressed if their mail continues to be predominantly opposed to the bill.

"The great majority of scientists, whatever the disagreements on detail, favor the establishment of a National Science Foundation. The long course of the legislation can be finally and successfully ended in the next month. It must not be jeopardized by silence on the part of scientists, silence which will be interpreted as indifference. The Federation of American Scientists calls upon all scientists and their organizations, recognizing that this is the critical hour for establishment of a National Science Foundation, to communicate directly with their own representatives in Congress urging them to vote for the National Science Foundation Act of 1949 when it reaches the floor of the House."

The newly elected officers of the federation are: Hugh C. Wolfe, associate professor of physics at the College of the City of New York and president of the federation's New York chapter in 1947–48, chairman; Clifford Grobstein, biologist at the National Cancer Institute, vice chairman; and Gerhart Friedlander, chemist at Brookhaven National Laboratory, secretary-treasurer.

The ornithological life of the Arctic area 200 miles south of the north magnetic pole will be studied this summer by the government-sponsored Perry River Expedition, which is to leave Edmonton, Alberta on May 17. The team of three scientists includes an Englishman—Peter Markhan Scott, waterfowl painter and director of the Seven Wild Fowl Trust—and two representatives of the U. S. Fish and Wildlife Service—Paul Queneau, research ornithologist of Westport, Connecticut and Harold C. Hanson, of the Illinois Natural History Survey. They will observe the flora and fauna of the region and make an intensive study of five fowl, the American brant, the black brant, the Ross goose, the tule goose, and the white-fronted goose. The team will be joined by Eskimo guides at Victoria Island in the Arctic and will mush 150 miles with dog sleds across the ice. James Bell, Canadian bush pilot, will join the expedition in July, when the thaw permits him to land his small plane.

An association for mutual information on blood groups has been proposed by P. H. Andresen, chief of the Serological Department, University Institute of Legal Medicine, Copenhagen, Denmark, with the aim of making new developments in this field more readily available to individual research workers. All researchers engaged in blood group work are invited to join. Inquiries may be sent to Dr. P. H. Andresen, Frederik Vs Vej 9, Copenhagen, Denmark. Members will receive *Blood Group News*, a monthly bibliography on blood group work. A limited

number of copies will be on sale by Ejnar Munksgaard, Copenhagen.

F. Firbas, Botanische Anstalten der Universität, Göttingen, Germany, has reported that the systematic-plant geography library of the University was completely destroyed during the war. He would be very grateful for any reprints in those fields that *Science* readers might send him.

The Association of American Medical Colleges recently announced the opening of its **Medical Film Institute,** with offices in the Academy of Medicine Building, 2 East 103rd Street, New York City. The MFI will function as an advisory body, providing producers and sponsors of medical films with an authoritative opinion as to the scientific, educational, and cinematic qualities of a proposed film. The Department of State has commissioned the MFI to select a group of the newest and best medical films for presentation abroad as part of the U. S. Information Service film program.

The Advisory Committee, headed by Walter A. Bloedorn, dean of George Washington University's School of Medicine, includes Francis Keppel, dean of Harvard's Graduate School of Education; Robert V. Schultz, chief of the Audio-Visual Training Section of the Navy Bureau of Medicine and Surgery; Orville Goldner, former head of Navy Training Films; and William A. Benedict, chairman of the American Medical Association's Committee on Medical Motion Pictures.

A new periodical, *Physiologia Plantarium,* covering all branches of plant physiology, is being published quarterly, as the official publication of the Scandinavian Society for Plant Physiology. The papers are printed in either English, French, or German. Nonmembers of the society may place subscription orders with Einar Munksgaard, Norregade 6, Copenhagen, Denmark or through local booksellers, but only members may submit contributions.

The National Registry of Rare Chemicals, 35 West 33rd Street, Chicago 16, Illinois, lists the following wanted chemicals: indican, 5-keto-D-gluconic acid, tri-(p-isocyanatophenyl)methane, hemocyanin, 2,2'-dihydroxyazobenzene-3-sulfonic acid, 3,6,2',4'-tetrahydroxyflavone, 1-hydroxyphenazine, 1-hydroxyacridine, 1-hydroxy-2-anthramine, pyrographitic oxide, phthionic acid, 8-nitro-1-naphthoic acid, coriamyrtin, n-(β-diethylaminoethyl)phenothiazine, L-lyxose, 9-methyl-2,6,7-trihydroxy-3-fluorone, phenylpantothenone, monodeuteroethylene, hexafluorobutadiene, and 2-hydroxy-1-anthramine.

Make Plans for—

Society for Applied Spectroscopy, symposium, Brooklyn Polytechnic Institute, May 21, Brooklyn.

Canadian Psychological Association, May 26–28, Mount Royal Hotel, Montreal.

American Medical Association, annual session, June 6–10, Atlantic City, New Jersey.

Symposium on Fine Particles and Resolutions, June 9–10, Stevens Hotel, Chicago.

American Society of Electroencephalography, June 11–12, Chalfonte-Haddon Hall Hotel, Atlantic City, New Jersey.

International Conference on Science Abstracting, June 20–25, Unesco House, Paris, France.

1st International Congress of Biochemistry, August 19–25, Cambridge, England.

4th International Conference of the International Association of Quaternary Research, August 22–September 15, Budapest, Hungary.

Recently Received—

News from Unesco. A fortnightly publication from the Bureau of Public Information, Unesco, 19 Avenue Kléber, Paris 16, France.

The behavior of rocks and rock masses in relation to military geology, by Wilmot R. McCutchen. (Quarterly of the Colorado School of Mines, Vol. 44, No. 1). Single copies obtainable from the Colorado School of Mines, Golden, Colorado, at $1.00 each.

Technical & Scientific Cooperation: Projects Coordinated by the Interdepartmental Committee on Scientific and Cultural Cooperation in 1948. Issued in February 1949 by the Office of Public Affairs, Department of State, Washington, D. C.

Sugar and Sugar By-Products in the Plastics Industry by Louis Long. Technological Report Series No. 5. Available at no charge from the Sugar Research Foundation, Inc., 52 Wall Street, New York 5, N. Y.

Papers on the Soviet Genetics Controversy. Occasional Pamphlet No. 9 of the Society for Freedom in Science. Copies obtainable from the Assistant Secretary, Society for Freedom in Science, Dept. of Zoology, University Museum, Oxford, England at 1/3.

Story of Vitamin B_{12} by Ruth Woods. In *Borden's Review of Nutrition Research,* Vol. X, No. 1. The Borden Company, 350 Madison Avenue, New York 17, N. Y.

Immigrant Plants in the Hawaiian Islands, II, by F. Raymond Fosberg. Occasional Paper 46, University of Hawaii, Honolulu, Hawaii.

Importance of Upwelling Water to Vertebrate Paleontology and Oil Geology by Margaretha Brongersma-Sanders. Tweede Sectie, Deel XLV, No. 4. Koninklijke Akademie van Wetenschappen, Amsterdam (C.), Holland.

Fifth Semiannual Report of the Atomic Energy Commission, January 1949. U. S. Government Printing Office, Washington, D. C.

Abridged Scientific Publications from the Kodak Research Laboratories, Vol. XXIX, 1947. Eastman Kodak Company, Rochester, New York.

National Health Council, Annual Report, March 25, 1949. Prepared by National Health Council, 1790 Broadway, New York 19, N. Y.

Service, a monthly publication of Cities Service Company, 703 Ring Building, Washington 6, D. C.