- 5. HINSHELWOOD, C. N. Nature, 166, 1089 (1950). 6. SEVAG, M. G., and ROSANOFF, E. I. J. Bact., 63, 243 (1952).
- 7. EAGLE, H., FLEISCHMAN, R., and LEVY, M. Ibid., 623. 8. HSIE, J., and BRYSON, V. Am. Rev. Tuberc., 62, 286
- 9. SZYBALSKI, W., and BRYSON, V. Ibid., 65, 768 (1952). 10. MARKHAM, N. P., et al. Brit. J. Exptl. Path., 32,
- SZYBALSKI, W., and BRYSON, V. In preparation.
- 12. LEDERBERG, J., and LEDERBERG, E. M. J. Bact., 63, 399 (1952).13. DEMEREC, M. Proc. Natl. Acad. Sci. U. S., 31, 16 (1945).
- HEATLEY, N. G. In H. W. Florey, et al. (Eds.), Antibiotics. New York: Oxford Univ. Press, 206 (1949).
 SZYBALSKI, W. Microbial Genetics Bull., (5), 16 (1951).
 SIMS, A. L., and JORDON, R. C. J. Sci. Instruments, 19,

- 58 (1942). 17. LEVIN, S. B. Patent specification. Jerusalem (1944) SAVAGE, M. C., and FLOREY, H. W. Brit. J. Exptl. Path.,
- **31**, 17 (1950). 19. KAUTSKY, H., and KAUTSKY, H., JR. Z. Naturforsch., 66, 190 (1951).
- 20. GERHARDT, P. J. Bact., 52, 283 (1946).
- MONOD, J. Ann. inst. Pasteur, 79, 390 (1950).
 NOVICK, A., and SZILARD, L. Proc. Natl. Acad. Sci. U. S., 36, 708 (1950).
- BRYSON, V., and PRYTZ, B. Annual Progress Report, W-18-064-CM-223 (1949).
 BRYSON, V., KAPLAN, S., and ROSENBLUM, E. Annual Progress Report, DA-18-064-CML-449 (1951).
 BRYSON, V., and DEMEREC, M. Ann. N. Y. Acad. Sci., 53, 282 (1956).
- 283 (1950).
- 26. SZYBALSKI, W. Bact. Proc. (1952).



News and Notes

American Documentation Institute

THE American Documentation Institute (of which the American Association for the Advancement OF SCIENCE is a nominating agency) held a two-day annual meeting in the Coolidge Auditorium of the Library of Congress Feb. 26-27. The principal elements of the program were symposia on microfacsimile reproduction and on the rationalization of subject controls, and a discussion of current issues in documentation. There was also a comprehensive exhibit of apparatus applicable to documentary reproduction, projection, transmission, and other techniques of documentation.

The live issue before the meeting was whether the institute, the membership of which had up to then been composed exclusively of delegates nominated by 69 institutions and professional societies, should throw its rolls open to personal and other institutional memberships, and whether it should at the same time become a dues-paying organization.

For some time there has been growing evidence of the need for an organization in which members of different professions who are engaged in documentation, including information officers for scientific and technical organizations, archivists, and librarians, can find a common meeting place for discussion and collaboration. The need is evident in recent communications to this journal by William F. Hewitt, Jr., and Samuel A. Miles (Science, 114, 134, 554 [1951]), as well as in the program at the Philadelphia meeting of the AAAS, sponsored by several of its sections under the title "Operation Knowledge" (ibid., 115, 178 [1952]).

On all points the issue was resolved in favor of liberalizing the membership requirements for ADI. Personal and institutional members will be admitted on equal terms with present and future organizational delegates. As soon as 100 persons and institutions have signified their intention of seeking membership on the new terms, a meeting will be called to consider constitutional changes.

The new officers elected include Luther H. Evans (Librarian of Congress), president; Milton O. Lee (Federation of American Societies for Experimental Biology), vice president; Watson Davis (Science Service), treasurer; and G. Miles Conrad (Library of Congress), secretary.

VERNER W. CLAPP

Library of Congress Washington, D. C.

Scientists in the News

Frank W. Abrams, chairman of the board of the Standard Oil Company (New Jersey), has been elected to the Ford Foundation's Board of Trustees. Mr. Abrams will continue to serve as chairman of the Fund for the Advancement of Education for the next six to eight months. Henry Ford II is serving as acting president of the Foundation while Paul G. Hoffman, president, is on temporary leave of absence.

Andrew W. Anderson, chief of the Fish and Wildlife Service's Branch of Commercial Fisheries, has been designated deputy administrator of the Defense Fisheries Administration, Mr. Anderson will assume his new duties in addition to his present assignment for the duration of the DFA program. Milton C. James, who retired as assistant director of the service on Mar. 31, served as DFA deputy administrator from its formation until his retirement. Under a reorganization of DFA effected in December 1951, Mr. Anderson took on additional duties as chief of the Office of Operations.

Eugene C. Bovee has been appointed associate professor and acting head of the Department of Zoology and Physiology at North Dakota Agricultural College. Dr. Bovee has been on the staff of the California State Polytechnic College of San Luis Obispo.

Ralph C. Bryant, of Fort Collins, Colo., has been appointed professor of forest economics in the North Carolina State College School of Forestry. Dr. Bryant has been head of the Department of Forest Management at Colorado A & M College.

C. J. B. Clews, principal scientific officer at Great Britain's National Physical Laboratory since 1948, has accepted appointment to the chair of physics in the University of Western Australia. He succeeds A. D. Ross, who joined the university faculty immediately after it was founded in 1912, and who is retiring after 40 years of continuous service as teacher, investigator, and administrator.

The American Diabetes Association was represented by J. Richard Connelly, its executive director, at the first international congress of the International Diabetes Federation, which met in Leiden July 7-12. Among the American authorities attending the congress were Frank N. Allan, president of the association; Charles H. Best, of Toronto; Elliott Joslin, honorary president of the association, and Hugh L. Wilkerson, chief, Diabetes Section, USPHS.

Dorothy Day, recently of the Biology Department of MacMurray College, has joined the staff of Alaka Research Laboratories Division of Lacquer and Chemical Corporation, Brooklyn. She will serve as microbiological consultant in the moisture- and fungus-proofing program carried on for the Bureau of Ordnance, Department of the Navy.

The following appointments have been made in the University of London: W. R. Dean, lecturer in mathematics in the University of Cambridge, to the Goldsmid chair of mathematics tenable at University College; H. C. Longuet-Higgins, reader in theoretical chemistry in the University of Manchester, to the University chair of theoretical physics tenable at King's College. The title of reader has been conferred on H. R. Allen and J. W. H. Holmes (veterinary medicine), G. H. Arthur and G. C. Knight (veterinary surgery), in the Royal Veterinary College.

At the invitation of the Japanese government, the Fish and Wildlife Service has despatched Francis M. Fukuhara to accompany a Japanese salmon fishing expedition operating in the Bering Sea. Mr. Fukuhara, a native of Seattle, Wash., and a student at the Fisheries School of the University of Washington, joined the Tenyo Maru No. 3, and will work with the Japanese fleet in the collection of scientific data on the composition and distribution of the salmon populations of the north Pacific Ocean.

George Glockler, of Iowa City, has joined the staff of the Office of Ordnance Research as director of the Division of Chemical Sciences. Dr. Glockler is on leave of absence from the University of Iowa, where he has been head of the Department of Chemistry and Chemical Engineering since 1940. A specialist in the field of electrochemistry, Dr. Glockler is a member of the NRC Subcommittee on Insulation.

William Hume II, until recently assistant director

and physicist with the Research and Development Division of New Mexico Institute of Mining and Technology, has been made director of the College Division of the institute. John Harty, formerly head of the Department of Physics and Geophysics, has been appointed principal physicist of Research and Development Division. Replacing him as head of the Department of Physics and Geophysics is Marvin H. Wilkening, associate professor of physics.

Kalevi A. Kirvenniemi, General Survey Office, Finland, and Per L. Sondenaa and Anders Grydeland, of Wideroes Flyveselskap and Polarfly A/S, Oslo, were recent visitors at the Atlantic Regional Headquarters of the U. S. Geological Survey.

The American Physical Therapy Association has elected Harriet S. Lee as its president. Colonel Lee, chief of the physical therapy section of the Army's Office of the Surgeon General, will hold office for two years.

Albert L. Lehninger, associate professor of biochemistry and associate professor at the Ben May Laboratory for Cancer Research at the University of Chicago, has been appointed DeLamar professor of physiological chemistry at The Johns Hopkins University School of Medicine. He succeeds William Mansfield Clark, who retired at the end of this academic year from the endowed chair he has held since 1927. Dr. Clark has accepted a new appointment as research professor in chemistry at the Homewood campus of Johns Hopkins. Dr. Lehninger is in Europe completing a year's study under a Guggenheim traveling fellowship.

Katharine E. McBride, president of Bryn Mawr College, has been elected chairman of the board of trustees of the Educational Testing Service. She has been a trustee of the service since it was formed in 1948 in the merger of the testing activities of the American Council on Education, the College Entrance Examination Board, and the Graduate Record Examinations of the Carnegie Foundation. Dr. McBride succeeds Henry H. Hill, president of the George Peabody College for Teachers, as board chairman. New trustees are Frank H. Bowles, Lewis W. Jones, and George D. Stoddard.

H. R. Murdock has joined the Johnson & Johnson Research Foundation. During the past year Dr. Murdock worked under a postdoctorate fellowship at the University of Buffalo, from which he received his Ph.D. in physiology and pharmacology in 1951.

Russell A. Nelson has been named director of the Johns Hopkins Hospital and will assume his new position on Sept. 1. He will succeed Edwin L. Crosby, director of the hospital since 1946, who has resigned to become executive head of the newly created Joint Commission for the Accreditation of Hospitals. Dr. Nelson, at present assistant to Lowell J. Reed, vice president of the Hopkins University and Hospital, has been associated with the medical institutions since his

graduation from the Hopkins School of Medicine in 1937

After a half-century of teaching, William L. Prager, professor of chemistry at New York City College, has retired, having reached the mandatory retirement age of 70 years.

Herbert F. Roemmele has been installed as president of the New York Chapter of the New York State Society of Professional Engineers. For the past 25 years Professor Roemmele has served on the faculty of Cooper Union's School of Engineering, where he is professor of mechanical engineering and dean of students. Since 1948, he has also served as director of industrial relations at the Cooper Union.

Robert P. Sharp, professor of geomorphology, has been appointed chairman of the Division of Geological Sciences at California Institute of Technology. He succeeds the late Chester Stock, who died in 1950.

Denzel D. Smith has been appointed head of the Personnel and Training Branch of the Psychological Sciences Division, ONR. Prior to his appointment to the Office of Naval Research he was professor of psychology at the University of Maryland and director of the university's Counseling Center. Marguerite Young, formerly acting head of the Personnel and Training Branch, has accepted a position in the Biological Sciences Division, National Science Foundation.

Marian W. Smith has resigned as secretary of the AAAS Section on Anthropology (H) and her position with the Department of State to take up residence in England as Mrs. H. F. Akehurst. She will retain her membership in the Association and plans to further anthropological research on both sides of the Atlantic. Currently she is editing the papers presented in the Section H symposium at Philadelphia, on Prehistoric and Historic Asia: Transpacific Contacts with the New World, to be published as a memoir of the Society for American Archaeology, with support from the Wenner-Gren Foundation for Anthropological Research (Science, 115, 670 [1952]). Gabriel Lasker, of Wayne University College of Medicine in Detroit, has been appointed by the AAAS Executive Committee to complete Dr. Smith's unexpired term as secretary of Section H.

Thomas P. Thayer, of the U. S. Geological Survey, in recognition of his work on the geology of the Bomi Hills iron deposits, Liberia, has been made a Commander of the Star of Africa. The order was conferred by President Tubman in Monrovia. Dr. Thayer returned to the U. S. in mid-June. W. D. Johnston, Jr., chief of the Foreign Geology Branch, has been made an officer in the Order of the Southern Cross (Cruzeiro do Sul), in recognition of his geological work in Brazil.

Frans Verdoorn, editor of *Chronica Botanica* and chairman of the International Phytohistorical Commission, Waltham, Mass., has been elected a Cor-

responding Member of the Royal Netherlands Academy of Sciences, Amsterdam.

Karl Wilbur, professor of zoology at Duke University, has been given a leave of absence to serve as physiologist with the Biology Branch, Division of Biology and Medicine, U. S. Atomic Energy Commission.

Richard J. Winzler, professor of biochemistry and nutrition at the University of Southern California School of Medicine, has been appointed professor and head of the Department of Biological Chemistry at the University of Illinois College of Medicine.

Education

California Institute of Technology has promoted the following staff members to full professorships: Pol E. Duwez (mechanical engineering), Robert B. King (physics), Paco Lagerstrom (aeronautics), and Charles F. Richter (seismology). New associate professors are Norman Davidson (chemistry), Renato Dulbecco (biology), Peter Kyropoulos (mechanical engineering), and Charles H. Wilts (electrical engineering). Matthew Sands and Ward Whaling (physics) were named assistant professors.

Fourteen fourth-year Duke University medical students have left for three months' work in English hospitals. Most of them will work in three London hospitals: St. Mary's, Guy's, and St. Bartholomew's. The others will do work in pediatrics under James Spence in New Castle.

India's Five Year Development Plan has among its objectives the rebirth and further development of Indian culture. Emphasis will be laid on imparting necessary skills to large numbers of people and on promoting higher standards of efficiency in order that each individual may contribute effectively to the productivity and economic well-being of the nation. Most important item is considered to be the provision of free universal compulsory education for all children between the ages of 6 and 14. Adult education will receive its share of attention through the Social Education Program and the Education Caravan. When the caravan visits a village, it sets up its mobile stage, motion-picture theatre, and two exhibition halls and produces plays, gives concerts, shows educational and cultural films, and in general seeks to motivate the villagers toward gaining at least rudimentary education. The Education Ministry is organizing audio-visual units to take films and film strips all over India, and the production of educational films is being subsidized. To cope with the great demand for scientists and technicians, existing institutes are being enlarged, and four large new ones are being built. Two of these, the Institute of Technology at Karagpur, and the Eastern Higher Institute at Hijli, are already in operation.

Hahnemann Medical College dedicated a new virus laboratory in May in honor of Joseph A. Langbord,

medical director of the Sidney Hillman Medical Center of Philadelphia. The Goldman Isotope Laboratory was officially dedicated last month at a banquet at which Ralph T. Overman, of Oak Ridge Institute of Nuclear Studies, was the principal speaker.

At Illinois Institute of Technology, Van V. Alderman and Arthur G. Keenan have been appointed assistant professors of chemistry, and Frank L. Holloway, of the University of Illinois, has been appointed an organic research chemist of Armour Research Foundation. Lester R. Ford, chairman of the Mathematical Association of America, and a former editor of the American Mathematical Monthly, has retired after 15 years at Illinois Tech. As a lecturer at the University of Edinburgh in 1914 and 1915, he was the first American to hold a teaching position in a Scottish university.

Five professors at Northwestern University will retire Sept. 1. They include: Kenneth W. Colegrove (political science); Elton J. Moulton (mathematics); Karl A. Meyer (surgery—and medical superintendent of Cook County Hospital); Arthur Metz (surgery—and chief surgeon for the Chicago, Milwaukee, St. Paul & Pacific Railroad); Frederick W. Merrifield (oral surgery).

Ohio State University has appointed Arthur W. Foshay, of Teachers College, to the directorship of its Bureau of Educational Research, succeeding T. C. Holy, who has retired. Hamilton B. G. Robinson, of OSU's College of Dentistry, and president of the City Board of Health, has been appointed associate dean of the college. Leontine R. Young, of the New York School of Social Work, has been appointed a professor in Ohio State's School of Social Administration.

Grants and Fellowships

Vanderbilt University School of Medicine has appointed the following new staff members: Robert I. Carlson and John William Hillman (surgery); Elliot Voss Newman (experimental medicine); and Charles Rawlinson Park (physiology). Paul D. Lamson, professor of pharmacology and head of the department, and Charles S. Robinson, professor of biochemistry, have reached emeritus status.

The Oliver E. Buckley Solid State Physics Prize, consisting of an annual prize of \$1000, has been established by Bell Telephone Laboratories and will be awarded by the American Physical Society to the person adjudged to have made a most important contribution to the advancement of knowledge in solid state physics within the five years immediately preceding the award. Named in honor of the laboratories' former president, now board chairman, who is to retire Sept. 1 after 38 years of active service, the prize is endowed by a trust fund of \$50,000. In 1978 the remaining funds are to be turned over to the American Physical Society for its own use. The first

winner will be selected by a committee consisting of Harvey Brooks, J. B. Fisk, J. C. Slater, Cyril S. Smith, and J. H. Van Vleck.

The Jane Coffin Childs Memorial Fund for Medical Research has appropriated \$264,080 for support of cancer research projects and fellowships beginning in 1952 and extending, in some cases, to 1956. Largest grant (\$123,500) went to the Ben May Laboratory for Cancer Research, of the University of Chicago Medical School, for a five-year investigation of the hormonal control of human cancer under the direction of Charles B. Huggins. Helen W. Toolan, Sloan-Kettering Institute, received \$15,000 for further experiments on the growth of human tumors in animals. The following fellows will receive one year's support: Melvin Fried, Cambridge University; Frederic L. Hoch, Massachusetts General Hospital; Martin Lubin, MIT; and Barbara E. Wright, Carlsberg Laboratorium.

The Endocrine Society has announced the following awards: Squibb Award for meritorious contributions to endocrinology to James H. Means, of Harvard; the Ciba Award to Seymour Lieberman, of Columbia; the Schering Fellowship for 1951 to Claiborne L. Courtright, of Oklahoma Medical Research Institute (because of the original recipient's being called to military service); and the Ayerst, McKenna and Harrison Fellowship for 1952 (\$5000) to John C. Laidlaw, of Peter Bent Brigham Hospital, Boston.

Cornell University's Social Science Research Center has established a series of graduate fellowships in the behavioral sciences with a \$50,000 fund drawn from a grant made to the university by the Ford Foundation. About 20 fellowships will be awarded over a four-year period beginning next fall, and the stipends will range from \$1600 to \$2400, with up to \$700 additional for tuition, fees, or travel. Inquiries should be addressed to the Fellowship Committee, 206 Morrill Hall, Cornell.

The Guggenheim Foundation has appointed 15 new Daniel and Florence Guggenheim Jet Propulsion Fellows at Princeton and Caltech to carry on basic research in the development of commercial and scientific applications of jet and rocket propulsion.

The National Society for Crippled Children and Adults and Alpha Gamma Delta, international women's fraternity, are sponsoring a four-week training course at the Institute of Physical Medicine and Rehabilitation of the New York University-Bellevue Medical Center, July 7-Aug. 1. Eighteen graduate fellowships for this special training have been awarded to persons in the U. S., Canada, and Switzerland.

The New York Foundation has made a grant of \$28,000 to Sea View Hospital, on Staten Island, for research studies of the new antituberculosis drugs. Tests of the drugs were begun there last September, and the grant is specifically to fill the hospital's needs for additional personnel to conduct more extensive

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laboratory tests. The research program at Sea View is under the direction of George G. Ornstein, Edward H. Robitzek, and Irving J. Selikoff.

Research Corporation has allocated \$170,000 for research during the past quarter. Of this amount, \$72,000 was in the form of General Grants, supporting research primarily in the physical sciences. The remainder was distributed under the Cottrell Grants program.

Sharp & Dohme has made a grant in support of the work of Maurice S. Segal, Tufts College Medical School, for the investigation of Dapanone; to the University of Utah for support of the work of M. M. Wintrobe; and to the Newark Clinical Group Research Foundation for the work of Arthur Bernstein.

U. S. Rubber Company has renewed its grant of a one-year graduate fellowship to assist Radcliffe College in its comprehensive management training program for women. The program is aimed at equipping women to fill executive jobs in a wide variety of industries.

In the Laboratories

Beckman Instruments, Inc. has opened a large new plant in South Pasadena that will be devoted exclusively to the manufacture of synchros and associated components.

The **Du Pont Company** celebrated its 150th anniversary on July 18 with ceremonies at the site of the company's first mill on Brandywine Creek. A marker formed of one of the two millstones imported from France by the founder, for grinding the ingredients of black powder, was dedicated, and the occasion was further marked by the publication of a handsome 138-page illustrated book, *Du Pont—The Autobiography of an American Enterprise*.

General Motors Research Laboratories have named John M. Campbell assistant technical director. Succeeding him as head of the Organic Chemistry Department is Lloyd L. Withrow.

Gulf Research and Development Company has named H. A. Ambrose head of its new Product Division and C. W. Montgomery head of the new Process Division. W. C. Offut will serve as assistant director. These divisions formerly comprised the Chemistry Division.

The National Sanitation Foundation at the University of Michigan School of Public Health will establish a new laboratory to test all equipment used in food service according to standards drawn up by industrial and public health committees from all states. A seal of approval to be issued for equipment meeting regulations will be available to manufacturers who conform to the standards. Walter D. Tiedeman, resident lecturer in environmental health, will direct the testing laboratory.

Rayonier, Inc., has appointed Thomas R. Stein as resident manager of the \$25,000,000 purified wood cellulose plant under construction at Doctortown, Ga. Mr. Stein was formerly resident manager of the Minnesota and Ontario Paper Company and assistant manager in charge of engineering and construction for the Wood Conversion Company, Cloquet, Minn.

Raytheon Manufacturing Company, Waltham, Mass., recently dedicated a new plant that will be used by the Research Division in carrying on a major portion of the company's \$2,000,000 transistor program and for the engineering and manufacturing activities of the Equipment Divisions.

Meetings and Elections

The Engineering College Research Council has named Eric A. Walker chairman and Kurt F. Wendt vice chairman for two-year terms. Elected to the council's Board of Directors were F. C. Lindvall, Raymond J. Woodrow, J. Hugh Hamilton, and T. L. Joseph.

The second European Congress of Nobel Prize Winners, dedicated to the winners of the Nobel Prize in chemistry, was held in Lindau im Bodensee June 23–27. Following the program of the first congress (Science, 115, 380 [1952]), Prince Lennart Bernadotte of Sweden was the Ehrenprotektor and head of a committee that included A. Zwisler, W. Frisch, Fritz Bopp, Erich Hayek, J. Speer, and G. Wittig. Otto Hahn, Frederick Soddy, Hans von Euler-Chelpin, George von Hevesy, Artturi I. Virtanen, Richard Kuhn, Hans Selye, Adolf Butenandt, Gerhard Domagk, Kurt Alder, and Irène Joliot-Curie were speakers, and Franz Karl Hein was again manager of the congress.

The annual meeting of the Field Conference of Pennsylvania Geologists was held at Newton, N. J., May 30-June 1. About 100 geologists from ten Eastern states attended and, in various groups, studied features of Pleistocene geology in the area, examined dikes of special petrologic interest, saw sections of Silurian and Devonian stratigraphy, visited exposures of Cambro-Ordovician and Pre-Cambrian rocks, and visited the Silurian Devonian section at Nearpass Quarries. Meredith E. Johnson, state geologist of New Jersey, was conference chairman.

New Illuminating Engineering Society officers for 1952-53 are: president, Everett M. Strong; vice president, Duncan M. Jones; and treasurer, Kirk M. Reid. C. C. Keller was re-elected general secretary.

An Inter-American Society of Psychology was formed during the International Congress of Mental Health held in Mexico City last year. The following officers were elected: president, Eduardo Krapf, University of Buenos Aires; vice president, Werner Wolff, Bard College; secretary, Oswaldo Robles, University of Mexico; treasurer, Herman Vergara, Uni-

versity of Bogota; associated vice presidents, W. Line, Canada; Enrique B. Roxo, Brazil; Carlos Nassar, Chile; and Jaime Barrios Pena, Guatemala. The Latin-American office is at the University of Mexico, and the USA office at Bard College. The first annual meeting has been planned for Caracas next December.

The International Astrophysical Conference will be held Sept. 19–21 at the Institut d' Astrophysique, University of Liége, and will be devoted to a discussion of "The Physics of Comets." Otto Struve will be chairman of the sessions, and the following American speakers have been announced: T. L. Page, A. Mc-Kellar and J. L. Climenhaga (Victoria, B. C.), J. Kaplan, F. L. Whipple, and G. P. Kuiper. The reports and discussions will be published by the Société Royale des Sciences de Liége.

The fourth meeting of the International Committee of Electrochemical Thermodynamics and Kinetics will be held in London at the Imperial Institute of Science and Technology and at Cambridge University, Sept. 10–13. Fifteen countries are represented in the membership, and in each of these a national secretary has been appointed. Proceedings of the second meeting have been published, and proceedings of the third meeting will appear shortly. For full information concerning the meeting, address Marcel Pourbaix, University of Brussels, 50 Ave. F. D. Roosevelt, Brussels, or T. P. Hoar, Department of Metallurgy, Cambridge University.

An International Symposium on Combustion will be held at MIT Sept. 1-5 and will be open to all those interested in the subject. Some 100 papers will be presented from Great Britain, France, Holland, Belgium, Germany, and Japan, as well as from U. S. research laboratories and educational institutions. At least 50 foreign experts in the field are expected to attend. For further information write to Hoyt C. Hottell (MIT), cochairman of the symposium.

One of the highlights of the Midwestern Conference of Parasitologists, holding its annual meeting at the University of Illinois June 16-17, was a panel discussion on Selected Problems in the Teaching of Parasitology. L. O. Nolf, C. A. Herrick, E. R. Becker, and W. Lindquist were participants. Dr. Herrick was elected presiding officer, and William Balamuth secretary-treasurer.

At the first regular meeting of the recently organized Washington Section of the Society for Industrial Microbiology, Walter N. Ezekiel was elected chairman, Paul Klens vice chairman, Charles T. Lempke, secretary-treasurer, and Carl J. Wessel assistant secretary-treasurer. An informal forum was held on the general topic of The Statistical Reliability of Present Test Procedures in the Field of Biological Deterioration, in which Dr. Wessel, Dr. Klens, Dr. Ezekiel, and Howard W. Gilbert led the discussions.

The Wyoming Geological Association will hold its

annual field conference Aug. 1-3 in Thermopolis. Full information may be obtained from Frank D. Helms, P. O. Box 1168, Casper, Wyo.

Miscellaneous

Anaconda Copper Mining Company has elected Robert E. Dwyer president to succeed the late William H. Hoover. Edward S. McGlone was elected executive vice president, Chester H. Steel vice president in charge of Western operations, and Clyde E. Weed vice president in charge of operations of the company and its subsidiaries.

Frank B. Rogers has been appointed first director of the recently established Armed Forces Medical Library, largest institution of its kind in the world. Colonel Rogers had served as director of its predecessor, the Army Medical Library, since October 1949.

The Institute of International Education has named Charles Alvin Foster director of its European office in Paris. Dr. Foster will promote student exchange programs with many countries, will act as the institute's liaison officer with European universities, selection committees, foreign governments, and Unesco, and will counsel both American students arriving in France under the Fulbright program and French students planning to come for study to the United States.

General Electric Company is sponsoring a More Power to America Award—designed to "increase the productivity of American industry by encouraging creative broad-scale industrial electrification . . . and to bring recognition to the companies and individuals making the greatest advancement in this field each year." The first award will be made by the Edison Electric Institute in Chicago Apr. 1, 1953. For full information write to the institute at 420 Lexington Ave., New York 17.

The National Geographic Society is cosponsoring, with Cambridge University, the Royal Geographical Society, and the Scott Polar Research Institute, a British expedition to Spitsbergen, under the leadership of G. A. Sutton. Eight young scientists will study West Spitsbergen, largest island in the group, to gain field experience and to add to the topographical, geological, and glaciological knowledge of the area. Base camp will be at the head of Is Fjorden, on which the port of Longyearbyen is located.

The Royal Society of Edinburgh will award a David Anderson-Berry Prize to the person, who, in the opinion of the Council, has recently produced the best work on the therapeutical effect of x-rays on human diseases. Applications may be based on published or unpublished work and should be accompanied by copies of relevant papers. They should be in the hands of the general secretary of the society, 22 George St., Edinburgh 2, by Mar. 31, 1953.