

eral symposia reporting advances in spheres of human welfare have been arranged and a group of foreign chemists will address the convention. Dr. Frank B. Dains, professor of chemistry at the University of Kansas, has been appointed honorary chairman of the local committee. Andrew S. Barada, president of Barada and Page, Inc., has been named general chairman; G. Harry Clay, of Luzier's, Inc., has been chosen vice-chairman, and James A. Austin, of the Jensen-Salsbery Laboratories, Inc., is secretary.

Professor Edward Bartow, of the State University of Iowa, president of the society, will open the general session on Monday. Seventeen divisional sections, representing practically every branch of chemistry, will take part in the meeting. Delegations from eighty local sections will attend.

The divisions and their chairmen include:

Agricultural and Food Chemistry—Dr. J. H. Nair, The Borden Company, Syracuse, N. Y.; *Biological Chemistry*—Professor C. G. King, University of Pittsburgh; *Cellulose Chemistry*—Dr. G. J. Ritter, Forest Products Lab-

oratory, Madison, Wis.; *Chemical Education*—Professor Harrison Hale, University of Arkansas; *Colloid Chemistry*—Professor S. S. Kistler, University of Illinois; *Gas and Fuel Chemistry*—Dr. O. O. Malleis, Appalachian Coals, Inc., Cincinnati, Ohio; *History of Chemistry*—Professor Tenney L. Davis, Massachusetts Institute of Technology; *Industrial and Engineering Chemistry*—Professor Walter G. Whitman, Massachusetts Institute of Technology; *Leather and Gelatin Chemistry*—J. Harold Hudson, Eastman Kodak Company, Rochester; N. Y. *Medicinal Chemistry*—Professor R. Norris Shreve, Purdue University; *Organic Chemistry*—Professor Henry Gilman, Iowa State College; *Paint and Varnish Chemistry*—E. W. Boughton, R. T. Vanderbilt Company, Inc., New York City; *Petroleum Chemistry*—F. W. Hall, The Texas Company, New York City; *Physical and Inorganic Chemistry*—Professor J. W. Williams, University of Wisconsin; *Rubber Chemistry*—Dr. N. A. Shepard, Firestone Tire and Rubber Company, Akron, Ohio; *Sugar Chemistry*—J. K. Dale, A. E. Staley Manufacturing Company, Decatur, Ill.; *Water, Sewage and Sanitation Chemistry*—R. C. Bardwell, Chesapeake and Ohio Railway Company, Richmond, Va.

SCIENTIFIC NOTES AND NEWS

DR. CHARLES A. KRAUS, head of the department of chemistry of Brown University, has been awarded the Theodore William Richards Medal of the Northeastern Section of the American Chemical Society, for "conspicuous achievement in chemistry." The medal will be presented at Boston on April 10. The first medal was awarded in 1932 to Dr. A. A. Noyes, of the California Institute of Technology, and the second in 1934 to Dr. Gregory Paul Baxter, professor of chemistry at Harvard University.

On the occasion of the presentation of the Washington award to Dr. Charles Franklin Kettering, vice-president of General Motors Corporation in charge of research, a dinner was given in his honor on February 25, which was attended by six hundred guests. The citation was read by Frank D. Chase, chairman of the Washington Award Commission, after which Frank F. Fowle, president of the Western Society of Engineers, made the presentation. Dr. Kettering responded with an address entitled "Research and Social Progress."

THE Worcester Reed Warner Medal of the American Society of Mechanical Engineers has been awarded to Professor Stephen Timoshenko, of the department of engineering mechanics of the University of Michigan, for his "contributions to the theory of the design of elastic structures and the treatment of dynamics of moving machinery." The medal, provision for which was made in the will of Worcester Reed Warner, honorary member and past-president of the society,

is of gold. It is bestowed annually on the author of "the most worthy paper dealing with progressive ideas in mechanical engineering or efficiency in management."

THE dean of the Washington University School of Medicine has announced the establishment by the Mu Chapter of the Phi Beta Pi Medical Fraternity of a lectureship to be named in honor of Professor Leo Loeb. In establishing a lectureship to bear his name, the students who compose the present membership of the local chapter of the Phi Beta Pi fraternity express to Dr. Loeb their appreciation of his stimulating instruction to them and to earlier classes of medical students and record their recognition of his important contributions to medical science.

At the regular clinical pathologic conference in the Peter Bent Brigham Hospital, Boston, on February 17, Dr. Henry A. Christian, physician-in-chief at the institution, was presented with a volume of medical papers dedicated to him by his former students, colleagues and house officers, as a token of affection on his sixtieth birthday. The presentation was made by Dr. Francis G. Blake, Sterling professor of medicine at the Yale University School of Medicine. The volume contains 1,000 pages of papers on phases of internal medicine.

Six former pupils of Dr. Alfred N. Whitehead, professor of philosophy at Harvard University, who are connected with the department of philosophy at differ-

ent institutions of learning, have written a book of essays which was presented to him on February 15, his seventy-fifth birthday. The contributors to the volume, entitled "Philosophical Essays for Alfred North Whitehead," were: F. S. C. Northrop, of Yale University; Raphael Demos, of Harvard University; Scott M. Buchanan, of the University of Virginia; Willard Van O. Quine, junior fellow of the Society of Fellows at Harvard University; Henry S. Leonard, of Harvard University; Paul Weiss, of Bryn Mawr College; S. Henry-Kirby, of Reed College; Charles Hartshorne, of the University of Chicago, and Otis H. Lee, of Pomona College.

DR. RUDOLF HOEBER, visiting professor of physiology at the Medical School of the University of Pennsylvania, formerly professor of physiology at Kiel, Germany, has been elected an honorary member of the Society of Biology at Vienna.

Nature states that fellows of the Scottish Anthropological Society have been elected as follows: Sir Arthur Keith, lately Hunterian professor of the Royal College of Surgeons of England; Dr. R. R. Marett, university reader in social anthropology, Oxford; Professor David Waterston, Bute professor of anatomy, University of St. Andrews, and Professor Herman Geijer, director of the Archive for Dialects and Folklore, Uppsala, Sweden.

R. E. DOHERTY, professor of electrical engineering and dean of the Engineering School of Yale University, has been appointed president of the Carnegie Institute of Technology, to succeed Dr. Thomas S. Baker, who resigned in September on account of ill health.

DR. GEORGE DAVID BIRKHOFF, Perkins professor of mathematics and acting dean of the faculty of arts and sciences at Harvard University during the current academic year, has been appointed dean for three years beginning next September. He succeeds Dr. Kenneth B. Murdock, professor of English and master of Leverett House, who has been on sabbatical leave during the past half year.

DR. OSKAR A. DIETHELM, associate psychiatrist at the Johns Hopkins Hospital, has been appointed professor of psychiatry at the Cornell University Medical College and psychiatrist in chief to the New York Hospital to succeed Dr. George S. Amsden, who retired in 1935.

DR. RALPH E. MILLER, assistant professor of pathology at the Dartmouth Medical School, has been appointed assistant dean of the school and has been promoted to the rank of associate professor of pathology. He has been granted sabbatical leave for the second

semester of the current academic year in order to study pathology under Professor Pick in Berlin.

DR. K. H. KLAGES, of South Dakota State College, has been appointed head of the department of agronomy of the University of Idaho, succeeding Professor H. W. Hulbert, who recently resigned after eighteen years of service to join an Idaho seed firm.

PROFESSOR G. F. STOUT, who has now reached the age of seventy-five years, will retire in September from the professorship of logic and metaphysics in the University of St. Andrews which he has held since 1903.

THE retirement is announced of Professor S. W. J. Smith from the Poynting chair of physics of the University of Birmingham.

DR. JAMES H. KIMBALL, who has been connected with the U. S. Weather Bureau for the last thirty-nine years, since 1915 as special assistant to the late James H. Scarr in New York City, has been appointed to succeed Mr. Scarr as principal meteorologist and official in charge of the station in New York City.

RAYMOND ARTHUR BROWN, research assistant in the vitamin research laboratories of the department of agricultural biochemistry of the Pennsylvania State College, has accepted a position with Parke, Davis and Company, Detroit.

LORD RAYLEIGH has been elected chairman of the governing body of the Imperial College of Science and Technology in succession to the Marquess of Linlithgow, who resigned on taking up his appointment as Viceroy of India.

DR. G. H. PARKER, of Harvard University, will spend March and April of this year in work on the color changes of animals at the Kerkhoff Laboratories of the California Institute of Technology, Pasadena.

PROFESSOR DR. L. G. M. BAAS-BECKING, professor of plant physiology at Leyden, Holland, accompanied by Dr. J. Reuber, has left for an eight-months trip to Australia, India, Syria, Egypt, Tunis and Portugal to study the microbiology of salt lakes. He expects to spend some time at Madoera, Java. Dr. Becking was connected with the department of botany at Stanford University for seven years and for the last two years with the marine station at Pacific Grove, Calif.

PROFESSOR PHILIP FRANKLIN, of the Massachusetts Institute of Technology, who is spending this year at the Institute for Advanced Study at Princeton, addressed the Joint Mathematics Club of the University of Pennsylvania on "Transcendental Numbers," on February 20; and the Galois Institute of Mathematics on "The Four Color Problem," on February 29.

PROFESSOR EDWARD S. ROBINSON, of Yale University, delivered a lecture entitled "Psychology and the Law" on the Stafford Little Foundation at Princeton University on February 10.

DR. L. B. AREY, professor of anatomy and chairman of the division at the School of Medicine, Northwestern University, will deliver the Phi Beta Pi lecture at the School of Medicine of the University of Alabama, on March 13. He will speak on "Wound Healing." The lecture will be part of the program of the Southern Provincial Assembly of Phi Beta Pi on March 13 and 14.

LECTURERS of the Royal College of Physicians of London have been elected as follows: Dr. E. L. Middleton, who delivered the Milroy Lectures on "Industrial Pulmonary Disease Due to the Inhalation of Dust, with Special Reference to Silicosis" on February 27 and March 3; Dr. R. A. McCance will deliver the Goulstonian lectures on "Medical Problems in Mineral Metabolism" on March 5, 10 and 12; Dr. John Parkinson the Lumleian lectures on "Enlargement of the Heart" on March 17 and 19, and Dr. Joseph Needham the Oliver-Sharpey lectures on "Chemical Aspects of Morphogenetic Determination" on March 24 and 26.

THE tenth conference of the International Union against Tuberculosis, the secretary-general of which is Professor Fernand Bezangon, will meet in Lisbon from September 7 to 10 under the chairmanship of Professor Lopo de Carvalho.

THE second International Congress of Microbiology will be held in London from July 25 to August 1, under the presidency of Professor J. C. G. Ledingham. The honorary general secretary of the congress is Dr. R. St. John-Brooks, Lister Institute of Preventive Medicine, London.

A YEARLY visiting professorship known as the Walker-Ames professorship has been established at the University of Washington through an endowment of \$450,000 left for this purpose by Edwin Gardner Ames. An outstanding scholar from this country or a foreign country, chosen for distinction in his field, will be invited to spend a year at the university and will be asked to conduct a seminar in his department for advanced students and members of the faculty and to give a series of public lectures. He will be left free to spend most of his time in study, research and writing, though it is hoped that he will enter sympathetically into the life of the university. It is planned to rotate the departments in which these professorships will be given, so that the entire university will receive the benefit of these eminent contacts. The lectures will be published in a university series. The president of the university will select the holders of the

professorship after nominations have been made by the graduate council.

MR. AND MRS. HENRY PFEIFFER, New York City, have made a gift to Bennett College, Greensboro, N. C., of \$97,000 for a science hall. This brings the total amount given to the college by the Pfeiffer family to \$250,000. By this gift the college becomes eligible to receive \$250,000 from the General Education Board.

THE honorary electrical engineering society, Eta Kappa Nu, has announced a plan of recognizing young electrical engineers for "meritorious service in the interests of their fellowmen." The achievements which will be considered in making the selections are very broad, giving considerable weight to the recommendations of the Committee on Professional Training of the Engineers' Council for Professional Development. Each candidate's career will be studied under three headings: (a) Achievements in his chosen professional work; (b) what he has done for his community, state or nation; (c) how he has shown his cultural development. As far as practicable the young engineers' accomplishments of whatever kind will be examined for an application of basic engineering methods. Members of Eta Kappa Nu, sections of the American Institute of Electrical Engineers and heads of electrical engineering departments of American colleges and universities are eligible to propose candidates. Nominees must have been graduated from a regular four-year course in electrical engineering not more than ten years on April 1, nor be more than thirty-five years of age.

J. W. WILLIAMSON, secretary of the British Scientific Instrument Research Association, will retire on March 31. *Nature* writes that on January 29 a presentation was made by the council and members of the association in recognition of the valuable services which he has rendered to the association since he became the secretary in 1918. The presentation was made by Dr. W. H. Eccles. According to the note in *Nature*, the association was established on May 23, 1918, and was the second research association incorporated by Board of Trade license, under the Department of Scientific and Industrial Research, the first of these associations—the British Photographic Research Association—having received its license a few days earlier. In the year 1917, Parliament allocated a sum of one million pounds for the promotion of industrial research, and a scheme was drawn up for the establishment of research associations connected with various industries, each of which was to receive for five years a grant on a fifty-fifty basis in aid of its expenses. The first director of research of the association was Sir Herbert Jackson, who retired in 1933, and the first secretary was J. W. Williamson.