

South Africa; O. P. Watts, University of Wisconsin; R. J. Wirshing, General Motors Corporation; H. C. Mougey, General Motors Corporation; A. C. Krueger and Louis Kahlenberg, University of Wisconsin; A. H. W. Aten and Miss M. Zieren, University of Amsterdam; Sherlock Swann, Jr., and E. O. Edelman, University of Illinois; E. Newberry, University of Cape Town, South Africa; M. deK. Thompson and N. Promisel, Massachusetts Institute of Technology; J. E. Lilienfeld, L. W. Appleton and Wm. M. Smith, The Amrad Corporation, Medford Hillside, Mass; Colin G. Fink and Dwight K. Alpern, Columbia University; G. A. Hulett, Princeton University; V. A. Kostjejev, Zagreb, Yugoslavia; Colin G. Fink and Lawrence Greenspan, Columbia University; Colin G. Fink and Wm. M. Grosvenor, Jr., Columbia University; Carl H. Morken, Detroit Electric Furnace Company; L. E. Stout and Jonas Carol, Washington University; Colin G. Fink and K. H. Lah, Columbia University; W. M. Phillips, General Motors Corporation; Colin G. Fink and F. A. Rohrman, Columbia University; L. C. Pan, College of the City of New York; Edward B. Sanigar, Columbia University; Colin G. Fink and Clarence K. Conard, Jr., Columbia University.

#### THE AMERICAN PUBLIC HEALTH ASSOCIATION

THE fifty-ninth annual meeting of the American Public Health Association will be held in Fort Worth, Texas, from October 27 to 30. The work of preparing the program of sessions and speakers has been going on for months in the headquarters' office of the association in New York City.

Among the speakers will be the president of the American Public Health Association, Dr. A. J. Chesley, who is also commissioner of health of Minnesota, and Hugh S. Cumming, surgeon general of the Public Health Service of the United States, who succeeds Dr. Chesley as president of the association this year. Other prominent speakers who will address the forty-four sessions and preside at the six symposiums are:

Dr. Shirley W. Wynne, commissioner of health of New York City; Dr. Rafael Silva, chief of the department of public health of Mexico City, Mexico; Dr. Gordon Bates, general secretary of the Canadian Social Hygiene Association, of Toronto; Professor John W. M. Bunker, professor of biochemistry and physiology at the Massachusetts Institute of Technology; Dr. W. A. Evans, director of the health department of the *Chicago Tribune*; Dr. W. H. Ross, president of the New York State Medical Society; Dr. H. W. Schoening, Bureau of Animal Industry, Washington, D. C.; Dr. William C. Hassler, health officer and executive officer of San Francisco; Dr. T. F. Murphy, chief statistician for vital statistics, Bureau of the Census, Washington, D. C.; Dr. John A. Farrell, associate director, international health division, Rocke-

efeller Foundation, New York; Dr. John W. Burns, president, Texas State Medical Association; Dr. James A. Hayne, commissioner of health of South Carolina; Dr. Louis I. Dublin, chief statistician of the Metropolitan Life Insurance Company, New York City; John R. Baylis, filtration chemist, department of public works, Chicago; Dr. C. C. Young, director of the laboratories, State Department of Health, Lansing, Michigan; Dr. Joseph C. Bloodgood, chairman of the Maryland Cancer Committee and an outstanding authority on the prevention and cure of cancer; Professor C.-E. A. Winslow, Yale University; Dr. Aristides Agramonte, professor of bacteriology at the University of Havana; Dr. George W. McCoy, director of the National Institute of Health, Washington; Sally Lucas Jean, health consultant, New York City; Dr. W. M. Dickie, secretary of the California Board of Health; Dr. J. G. Cunningham, of the Provincial Board of Health of Ontario, Canada.

Manufacturers of products and equipment used by public health workers have signified their intention of holding exhibits in the Hotel Texas. In Fort Worth there will be a visit to the water filter plant, the new sewage treatment plant, the various hospitals of the city, the Terrell, Globe and Southwestern Laboratories, which will be of particular interest to physicians and bacteriologists, and several unscheduled trips to the city's health centers, day nurseries and schools.

Following the annual meeting of the association in Fort Worth, there will be a nine-day, all-expense tour to Mexico, allowing five days in Mexico City. This has been arranged for association members and their families, in response to an invitation extended to the association by Dr. Rafael Silva, chief of the department of health of the Republic of Mexico, with the approval of the president of Mexico, to visit Mexico City, to meet the public health workers of Mexico and to participate in a scientific program of interest to the American delegates.

A number of allied organizations have made arrangements to hold their meetings at Fort Worth during the convention of the association; among these are the American Association of School Physicians, the International Society of Medical Health Officers, the Association of Women in Public Health, the Conference of State Sanitary Engineers and the Texas Association of Sanitarians.

#### FIFTH INTERNATIONAL CONGRESS ON AERONAUTICS

ACCORDING to the *New York Times* a proposal for a permanent international committee on aviation was put forward by Dr. J. A. de Vogel, president of the Dutch Society of Aeronautics, in his presidential address opening the fifth International Congress on Aeronautics at The Hague on September 1.

Dr. de Vogel suggested that such a committee should be instituted to give continuity to the work of aero-

nautic congresses. The first section of the congress studied the problem of the organization of airports and the instruments used in aeronautics, including radio.

The experiences of flying in fog and mist and of ice formation on the wings of planes were exchanged. The number of papers read before the technical sections shows that special importance is attached to information of this sort. In the judicial section questions as to insurance responsibility and neutrality in war were taken up.

Several papers on the influence of flying on the human constitution as studied by physicians were read before the medical section. Air sickness was among the disorders discussed.

The official American observers included Major G. E. A. Reitburg, military air attaché at Berlin, Lieutenant Commander G. D. Murray, naval air attaché at London, and A. D. Douglas Cook, assistant trade commissioner at Berlin, all of whom contributed papers to the congress. There were also present John J. Ide, European technical assistant to the National Advisory Committee on Aeronautics; Professor Alexander Klemin, of the Guggenheim Foundation; Dr. W. G. Friedrich, research engineer of Hackensack, N. J., and Clarence M. Young, who addressed the congress on American airway practices.

Sir Sefton Brancker, air vice marshal, headed the official British delegation, which included eight officials of the British Air Ministry.

In the first section of the congress discussion centered on the best way to light air routes and the value of neon light for this purpose. This discussion followed the general lines of the resolutions adopted by the Berlin conference last April. Proposals to be made at the International Congress for Safety in the Air, which will meet in December, were examined, and a small editorial committee will formulate some amendments.

In the medical section standard nomenclature was advocated and discussed, and remedies in regard to sickness among aviators were considered. The air tourist section resolved to formulate a requirement that every town of 10,000 inhabitants shall in some way make its name visible to aviators in flight.

In the judicial section a resolution proposed by a Polish delegate was adopted providing that international conventions on the responsibility of passenger services for the lives of passengers can have no practical effect as long as they are not supplemented by the obligation of air services to insure the lives of passengers up to a maximum of 125,000 francs (about \$5,000). This is designed to increase safety measures on the part of air services.

The Italian under-secretary of aviation, Signor Fiannini, proposed a resolution that the unification of laws in aeronautical matters should be furthered as much as possible. The technical section decided to treat meteorological subjects in a special committee of experts, who will meet under the chairmanship of the director of the official Dutch meteorological institutes.

### GEOLOGIC SURVEY OF GEORGIA

MR. S. W. MCCALLIE, state geologist of Georgia, has announced the beginning of a survey that will require several years for completion and will give Georgia its first complete geologic map, according to a report in the *U. S. Daily*.

Several sectional maps have been made from time to time in Georgia, but the state has lacked a general and comprehensive chart of its geological resources.

Dr. G. W. Crickmay will be in charge of the survey in northern Georgia and Dr. W. S. Bailey, of the University of Illinois, has been retained to assist Dr. Crickmay.

In the southern part of the state, Dr. C. Wythe Cooke, of the United States Geological Survey, will complete this season a map showing the exact location of all classes of rocks and minerals in that section. This work will be coordinated with that in other quarters of the state in compiling the complete chart.

The last available report of commercial minerals in Georgia showed a total value of \$16,683,011 for the year 1928, with brick and tile leading in the value of production, and marble and granite next in order. Other valuable minerals listed are bauxite, cement, clay, fullers' earth and manganese.

## SCIENTIFIC NOTES AND NEWS

DR. FRANZ BOAS, professor of anthropology at Columbia University, has been elected an honorary member of the Wurzburg Geographical Society.

THE French Astronomical Society has decided to award a medal of honor to the Lowell Observatory at Flagstaff, Arizona, as an expression of appreciation and admiration for the discovery recently made

by the observatory of the trans-Neptunian body, preparation for which was made by the learned research of Mr. Lowell.

DR. FRANCIS PENDLETON GAINES, formerly president of Wake Forest College, will be inaugurated as president of Washington and Lee University on October 25.