

to carry with us everything that we shall need for the entire year. This means not only all our scientific equipment—as we shall carry our laboratories along with us—but all our clothing and necessary comforts and safeguards. We should arrive at Monrovia, the capital of Liberia, on the west coast of Africa, about July 8. From there we shall proceed to Grajbassa, further down the coast, and then strike inland. We shall keep moving in a southeasterly direction, traversing a part of the Congo, and finally arriving at British East Africa, near Lake Alban and Mombasa.

Other members of the expedition, all on the staff of the Institute of Tropical Medicine, are: Dr. Joseph Bequaert, assistant professor of entomology, formerly with the Belgian sleeping sickness commission, with eight years' service in the Congo; Dr. Glover M. Allen, zoologist, author of special studies in East Africa on mammalian life; Dr. George Shattuck, assistant professor of tropical medicine, a participant in the Amazon expedition and, before that, on the typhus investigation in the Balkans; Dr. Max Theiler, bacteriologist, son of Sir Arnold Theiler, of South Africa, formerly of the London School of Tropical Medicine; Dr. Harold Coolidge, zoologist, formerly with the Smithsonian Institution; Mr. Loring Whitman, photographer, and a botanist not yet selected.

A PRELIMINARY CONFERENCE ON UNIVERSITY RESEARCH

PLANS for a survey of research facilities in American universities in the field of pure science were made at a preliminary conference at the University of Pennsylvania on May 3 of representatives of universities, research institutions, foundations supporting research efforts, commercial laboratories and national scientific societies. The conference passed a resolution endorsing heartily the project of the National Academy of Sciences for the National Research Endowment. Secretary Hoover, Mr. Root and Mr. Hughes are leading the endowment campaign to raise \$20,000,000 to aid American universities in carrying on fundamental research during the next ten years.

It was decided to call a general, formal conference next fall looking toward a comprehensive survey of university research work. This call is to be issued by a committee of seven representatives of universities and an advisory committee of seven representatives of various research organizations, to be appointed in the near future.

President Josiah H. Penniman, of the University of Pennsylvania, in his statement as presiding officer of the meeting, pointed out that, while all the agencies represented "have a common interest in research in pure science, the universities alone are directly responsible for the training of research workers."

Research institutes and commercial laboratories have during the past few years drawn away from the universities many of the most experienced teachers and investigators "with the result that the teaching staffs of the universities have been weakened and the training of men for future research is seriously threatened."

Dr. Penniman then outlined a possible procedure "by which the university can better serve its function as a center of certain types of fundamental investigations and as the primary agency in the education and training of investigators."

Those present at the Philadelphia conference were:

Dr. J. C. Merriam, Carnegie Institution of Washington, D. C.; Dr. William C. White, United States Public Health Service; Dr. Alfred H. Lloyd, University of Michigan; Dr. Arthur H. Daniels, University of Illinois; Dr. Henry H. Donaldson, the Wistar Institute, Philadelphia; Alfred D. Flinn, Engineering Foundation; General John J. Carty, American Telephone and Telegraph Company; Dr. Howard McClenahan, secretary, the Franklin Institute, Philadelphia; Dr. William C. L. Eglin, president, the Franklin Institute, Philadelphia; Dr. Vernon Kellogg, National Research Council; Dr. H. F. Blichfeldt, Stanford University; Professor L. R. Jones, University of Wisconsin; W. R. Whitney, Research Laboratory, General Electric Company; Chancellor Elmer Ellsworth Brown, New York University; Professor Michael Pupin, Columbia University; Dr. Charles H. Warren, Yale University; Professor L. J. Henderson, Harvard University; Dr. Simon Flexner, Rockefeller Institute; Dr. Livingston Farland, president, Cornell University; Professor J. S. Ames, Johns Hopkins University; Dr. Josiah H. Penniman, provost, University of Pennsylvania; Professor A. O. Leuschner, University of California.

AWARDS OF THE LAPHAM MEDALS OF THE WISCONSIN ARCHEOLOGICAL SOCIETY

TEN men were awarded the Lapham medal given for distinguished research work in anthropology at the recent silver anniversary meeting of the Wisconsin Archeological Society. They are: Charles E. Brown, director of the State Historical Museum, Madison; George A. West, Milwaukee; Dr. S. A. Barrett, Milwaukee; Dr. George L. Collie, Beloit; H. E. Cole, Baraboo; John P. Schumacher, Green Bay; Dr. Alfonso Gerend, Milladore; H. L. Scavlam, Janesville; Dr. W. G. McLaughlin, McFarland, and George R. Fox, Three Oaks, Mich.

When the society organized in 1901 the members decided to award a medal annually to those members who performed notable research work in anthropology in Wisconsin. This is the first year, however, that the award has been made. Most of the men who received the medal were members of the society for almost 25 years. All conducted research at their own expense.

As a result of the work done by the men enough material for 25 volumes of Wisconsin anthropology has been collected.

The medal is about one and one half inches in diameter, made of Lake Superior copper, and designed by Raymond L. Maas, a Milwaukee artist. It is called the Lapham medal after Increase A. Lapham, who came to Milwaukee and began his research in 1836, and died there in 1875. On the obverse side of the medal is a profile of Dr. Lapham encircled by a string of wampum. On the reverse side a thunder bird symbol signifying the Indian deities of the upper world is found at the top. At the bottom is the Indian symbol of the underground panther or water spirit signifying the lower world. Another string of wampum encircles these designs. Although the Wisconsin Archeological Society was one of the first to be founded, there now exist similar societies in Iowa, Indiana, Michigan, Missouri and Tennessee.

NATIONAL RESEARCH FELLOWS IN THE MEDICAL SCIENCES

FOLLOWING is a list of the fellows in medicine recently appointed by the Medical Fellowship Board of the National Research Council:

- Harold A. Abramson, M.D., Libman fellow at the University of London; physiology or medicine, to work with A. V. Hill, London.
- Martin H. Dawson, M.D., of the Royal Memorial Hospital, Montreal; medicine; R. Cole, Rockefeller Institute, or F. W. Peabody, Harvard.
- Arthur R. Elvidge, M.D., Cooper research scholar at McGill University; physiology; J. Erlanger, Washington University, C. J. Wiggins, Western Reserve, or A. J. Carlson, Chicago.
- Peter Heinbecker, M.D., house surgeon, Presbyterian Hospital, New York; physiology or surgery; R. Gesell, California, or J. Erlanger, Washington University.
- Francis F. Heyroth, M.D., Seeley fellow at the University of Cincinnati; biochemistry; E. J. Cohn, Harvard.
- Charles G. Johnston, M.D., student assistant at Washington University; biochemistry; H. B. Lewis, Michigan, or D. W. Wilson, Pennsylvania.
- Florence M. McDonald, M.B., assistant in pathology at Johns Hopkins University; neuropathology or neuroanatomy; G. C. Huber, Michigan, or C. J. Herrick, Chicago.
- Jacob Markowitz, M.B., Ph.D., demonstrator in physiology at Toronto; physiology; E. K. Marshall, Jr., Johns Hopkins, or J. Erlanger and H. S. Gasser, Washington University.
- Walter S. McClellan, M.D., resident physician at Bellevue Hospital; physiology; G. Lusk, Cornell Medical.
- Hobart A. Reimann, M.D., assistant resident physician at Rockefeller Institute; pathology; Anton Ghon, Prague.
- Howard J. Shaughnessy, Ph.D., instructor in public health at Yale University; bacteriology; E. O. Jordan, Chicago.

- Ralph G. Smith, M.B., interne at Toronto General Hospital; pharmacology; T. Sollmann, Western Reserve, or H. S. Gasser, Washington University.
- Wm. L. Straus, Ph.D., student at Johns Hopkins; anatomy; place of work not determined.
- Maurice L. Tainter, M.D., instructor in pharmacology at Stanford; pharmacology; place of work not determined.
- Willard O. Thompson, M.D., research fellow in medicine at Harvard; biochemistry; L. J. Henderson, Harvard.
- Thomas E. Wood, M.D., instructor in medicine at the University of Virginia; physiology; Sir Thos. Lewis, London.

Following is a list of those reappointed:

- Leopold R. Cerecedo, Ph.D.; biochemistry; L. B. Mendel, Yale.
- Rudolph Fisher, M.D.; bacteriology; F. P. Gay, Columbia.
- Wm. P. Gillespie, M.D.; (obstetrics) physics or physiology; L. More and M. H. Fischer, Cincinnati.
- Francis D. Gunn, M.D.; pathology; B. Roman and H. U. Williams, Buffalo.
- Franklin Hollander, Ph.D.; biochemistry; L. B. Wendell, Yale.
- Homer D. Kesten, M.D.; pathology; J. W. Jobling, Columbia.
- Geo. M. Lawson, M.D.; bacteriology; H. Zinsser, Harvard.
- Robert O. Loebel, M.D.; physiology; G. Lusk, Cornell Medical.
- Clive M. McCay, Ph.D.; biochemistry; L. B. Mendel, Yale.
- Howard A. McCordock, M.D.; pathology; W. G. MacCallum, Johns Hopkins.
- I. Theodore Rosen, M.D.; physiology; J. Erlanger, Washington University.
- Noel F. Shambaugh, M.D.; biochemistry; place of work not determined.
- Barbara B. Stimson, M.D.; (surgery) physiology, from C. J. Wiggers, Western Reserve, to H. B. Williams, Columbia.
- Maurice B. Visscher, Ph.D.; physiology; A. V. Hill, London.
- Herbert S. Wells, M.D.; biochemistry; place of work not determined.

SCIENTIFIC NOTES AND NEWS

DR. HENRY FAIRFIELD OSBORN, president of the American Museum of Natural History, has been elected a foreign member of the Royal Society of London.

THE Willard Gibbs Medal of the Chicago section of the American Chemical Society has been awarded this year to Sir James Colquhoun Irvine, of the University of St. Andrews, Scotland. The presentation will take place at the September meeting of the Chicago section when Dr. Irvine will be in this country to attend the Philadelphia meeting of the American Chemical Society.