

paredness. After furious battles the poor injured prisoner of war needs often this mode of treatment as much as the surgical one.

The Medical Brotherhood of this country wishes to gather into its union those members of the medical profession who have a vein of idealism in them and who are willing to serve their country as patriots and humanitarians. It appeals further to the inspired ones to spread this gospel, wherever they find opportunity, with impressiveness combined with patience and tolerance.

S. J. MELTZER,

*President of the Medical Brotherhood*

### GRANTS FOR SCIENTIFIC RESEARCH

DURING the past year, the sub-committee on research funds of the Committee of One Hundred of the American Association for the Advancement of Science has endeavored to secure information regarding research funds and particularly such as are available without substantial limitations as to the residence or institutional relations of the grantee.

The following list of endowments of the latter class, while doubtless incomplete, is believed to comprehend the more important with the exception of those devoted to medical research. From most of them grants of moderate sums for research may be made to suitable applicants. The list is arranged alphabetically according to location.

Unless otherwise stated the figures given refer to the principal of the endowment. The amounts are to be considered as approximate only.

For information regarding the conditions upon which grants may be made from any particular fund, application should be addressed to the officer indicated in the list.

The present article constitutes a portion of a report made at the Columbus meeting of the American Association. Other portions will be published later.

*American Academy of Arts and Sciences*, Boston, Mass.

Rumford Fund. \$66,300. For Rumford Premium and investigations in light and heat carried on in America. Charles R. Cross, Chairman, 28 Newbury St., Boston, Mass.

Cyrus M. Warren Fund. \$12,500. For chemical research. Henry P. Talbot, Chairman, 28 Newbury St., Boston, Mass.

*Elizabeth Thompson Science Fund*, Boston, Mass. \$26,000. "For the advancement and prosecution of scientific research in its broadest sense" without limitation as to country. Walter B. Cannon, Secretary, Harvard Medical School, Boston, Mass.

*Harvard College Observatory*, Cambridge, Mass. Advancement of Astronomical Science Funds; 1901, 1902. \$40,000. For aiding work of astronomers in any part of the world. Edward C. Pickering, Director, Harvard College Observatory, Cambridge, Mass.

*Davenport Academy of Sciences*, Davenport, Iowa. Mary L. D. Putnam Fund. \$23,000. A certain portion applicable to research. Edward K. Putnam, Acting Director, Davenport, Iowa.

*Ohio Academy of Sciences*, Delaware, Ohio. Annual gift. \$250. Applied to research. Edward L. Rice, Secretary, Delaware, Ohio.

*Engineering Foundation Board*, New York City, N. Y. Ambrose Swasey Fund. \$200,000. Regulations regarding use not yet formulated. F. R. Hutton, Secretary, 29 W. 39th St., New York, N. Y.

*Sarah Berliner Fellowship for Women*, New York City, N. Y. \$1,000 annually. For study and research in physics, chemistry and biology. Mrs. Christine Ladd Franklin, Chairman, 527 W. 110th St., New York, N. Y.

*New York Academy of Sciences*, New York City, N. Y.

John Strong Newberry Fund. \$1,000.

Audubon Fund. \$2,500.

Esther Hermann Fund. \$10,000.

For investigation in natural sciences. Michael Idvorsky Pupin, President, Columbia University, New York, N. Y.

*California Academy of Sciences*, San Francisco, Calif. Endowments yielding upwards of \$65,000 annually, used in considerable part for research. Barton W. Evermann, Director, San Francisco, Calif.

*American Association for the Advancement of Science*, Washington, D. C.

General Research Fund. About \$25,000. For investigation in any department of science. L. O. Howard, Secretary, Smithsonian Institution, Washington, D. C.

Colburn Fund. About \$75,000. For "original research in the physical or psychic demonstrable sciences." Regulations regarding use

not yet formulated. L. O. Howard, Secretary, Smithsonian Institution, Washington, D. C.

*National Academy of Sciences*, Washington, D. C. Bache Fund. \$56,000. For research in physical and natural science. Edwin B. Frost, Chairman, Yerkes Observatory, Williams Bay, Wis.

Watson Fund. \$25,000. For Watson Medal and astronomical research. Edward C. Pickering, Chairman, Harvard College Observatory, Cambridge, Mass.

Henry Draper Fund. \$10,000. For Draper Medal and researches in astronomical physics. George E. Hale, Chairman, Mt. Wilson Solar Observatory, Pasadena, Calif.

J. Lawrence Smith Fund. \$10,000. For J. Lawrence Smith Medal and the investigation of meteoric bodies. Edward W. Morley, Chairman, West Hartford, Conn.

Benjamin Apthorp Gould Fund. \$20,000. For researches in astronomy. Forest R. Moulton, Chairman, University of Chicago, Chicago, Ill.

Wolcott Gibbs Fund. \$5,500. For chemical research. Charles L. Jackson, Chairman. Harvard University, Cambridge, Mass.

Comstock Fund. \$11,300. For researches in electricity, magnetism and radiant energy. Edward L. Nichols, Chairman, Cornell University, Ithaca, N. Y.

Murray Fund. \$6,000. For Agassiz Medal and contributions to oceanography. Arnold Hague, Chairman, National Academy of Sciences, Washington, D. C.

Marsh Fund. \$9,400. For research in natural science. Arthur L. Day, Secretary, National Academy of Sciences, Washington, D. C.

*Carnegie Institution*, Washington, D. C. Endowment Fund. \$22,000,000. "To encourage in the broadest and most liberal manner, investigation, research and discovery, and the application of knowledge to the improvement of mankind." Robert S. Woodward, President, Washington, D. C.

*Smithsonian Institution*, Washington, D. C. Hodgkins Fund. \$250,000. For investigations concerning atmospheric air. Charles D. Walcott, Secretary, Washington, D. C.

*Washington Academy of Sciences*, Washington, D. C. Fund of \$5,000. Available in part for research. George K. Burgess, Secretary, Washington, D. C.

*Archeological Institute of America*, Washington, D. C. Fund of \$25,000. For excavations in Mediterranean lands. Mitchell Carroll, Secretary, Washington, D. C.

*National Geographic Society*, Washington, D. C. Research Fund. \$35,000. For exploration and geographical research. Gilbert A. Grosvenor, Secretary, Washington, D. C.

CHARLES R. CROSS,  
Chairman

### THE NEW YORK MEETING OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

A MEETING of the members of the American Association for the Advancement of Science, residing in or near New York, was held at the American Museum of Natural History on Friday, May 5, at 5 P.M., to discuss plans for the New York meeting of the association in December. About fifty members were in attendance. Mr. Henry Fairfield Osborn was elected chairman and Mr. Henry E. Crampton secretary of the meeting.

The chairman called attention to the special interest of the forthcoming gathering as it involved an unusual number of scientific societies which were affiliated with the association. Called upon by the chairman to outline the present plans for the Convocation Week meetings, Mr. J. McK. Cattell stated that the committee on policy of the council had placed arrangements in the hands of an executive committee consisting of Messrs. Charles Baskerville, Nathaniel L. Britton, J. McKeen Cattell, Simon Flexner, Henry Fairfield Osborn, Michael I. Pupin, John J. Stevenson and Edmund B. Wilson. Certain details as yet unsettled were then presented for discussion by those in attendance, who represented the 1,350 local members of the association.

The cooperation of various institutions and scientific societies was tendered by Henry Fairfield Osborn, George F. Huntington, Alexander Smith, N. L. Britton, R. A. Wetzel, Charles L. Bristol, President Marsh, C. Stuart Gager and Professor Margaret B. Wilson. After discussion, it was *voted* that the executive committee be requested to consider the advisability of the appointment by the local