RESEARCH AWARDS

The Board of Directors, upon recommenda-
tion of the Research Committee of the Scientific Council, has approved fifty-one awards to individual investigators totaling $285,400 for the fiscal year 1953-54. These include the continuation for the third year of a Career Investigator, the continuation of fourteen Established Investigators, six new Established Investigators, the renewal of nine Research Fellows, and twenty-five new Research Fellows.

The awards were made as follows:

**Career Investigator**

**Lorber, Victor,** the study of myocardial metabolism, especially fatty acid and ketone body metabolism; the study of trace constituents of the myocardium; University of Minnesota Medical School, Minneapolis.

**Continued Established Investigators**

**Aikawa, Jerry Kazuo,** immunophysiology, University of Colorado School of Medicine, Denver.

**Blok, Edward M.,** a study of the living microscopic blood flow, and vessel walls in patients and experimental animals with thromboembolic phenomena, Western Reserve University, Cleveland.

**Edelman, Isidore Samuel,** body water and electrolytes studied with tracers, University of California School of Medicine, San Francisco.

**Elkinton, J. Russell,** cardiovascular physiology, University of Pennsylvania, Philadelphia.

**Fishman, Alfred P.** cardiac dynamic and renal interplay in the production of congestive heart failure, Mount Sinai Hospital, New York.

**Gergely, John,** energetics and contractile proteins of heart muscle, Massachusetts General Hospital, Boston.

**Heller, John H.** metabolic and endocrine basis of hypertension and arteriosclerosis, Yale University, New Haven.

**Kuhns, William Joseph,** immunological and immunochemical studies in rheumatic fever, Rockefeller Institute Hospital, New York City.

**Merrill, John P.** the further development of the artificial kidney as a therapeutic and investigative tool in cardiovascular and renal disease, Peter Bent Brigham Hospital, Boston.

**Mommaerts, Wilfried P. H. M.** biochemistry of muscular contraction, Duke University, Durham, N. C.

**Peterson, Lyde Henry,** volume pressure, "distensibility" of intact veins, arterial circulation with view to calculating stroke volume, integration of peripheral c-v-reflexes, University of Pennsylvania, Philadelphia.

**Stamler, Jeremiah** experimental atherosclerosis; experimental hypertension, renal function in edema formation, Michael Reese Hospital, Chicago.

**Stefanini, Mario** establishment of "profile" of tests for diagnosis of thrombotic tendency; relation of the coagulation system to the blood coagulation mechanism and the pathogenesis of thromboembolism; possibilities of employment of fibrinolysin in the treatment of thromboembolism, New England Center Hospital, Boston.

**Tobian, Louis, Jr.** the relation of steroids and sodium to hypertension; the role of steroids and sodium to hypertension; the role of steroid intoxication in toxemia of pregnancy; the role of emulsifying forces in plasma in pregnancy; the role of emulsifying forces in plasma in atherosclerosis, Harvard Medical School, Boston.

**New Established Investigators**

**Cohn, Mildred** mechanisms of phosphorylation and phosphate transfer reactions, Washington University School of Medicine, St. Louis, Mo.

**Curran, George Lally,** the metabolic aspects of cardiovascular disease with particular reference to lipid metabolism, Research Laboratories, The Mary Imogene Bassett Hospital, Cooperstown, N. Y.

**Grisolia, Santiago** enzymatic patterns of nitrogen metabolism in heart muscle. University of Wisconsin, Madison.

**Lepeschkin, Eugene** electro-physiological interpretation of the normal and pathological ventricular complex of the electrocardiogram. University of Vermont, Burlington.

**Metcalfe, James** changes in the maternal circulation during pregnancy and labor, Boston Lying-in Hospital, Boston.

**Plaut, Gerhard, W. E.** pathways and compounds of intermediary metabolism with particular regard to the properties of heart muscle, University of Wisconsin, Madison.

**Renewal Research Fellows**

**Cawelt, Henry Mend** metabolism and permeability of heart tissue investigated with isotopic techniques,
under Victor Lorber, University of Minnesota, Minneapolis.

Fortier, Claude, neuro-endocrinological factors of cardiovascular disease, under G. W. Harris, Maudsley Hospital, London.

Garb, Solomon, physiology and pharmacology of isolated mammalian heart muscle, under McKeen Cattell, Cornell University Medical College, New York City.

Kleinerman, Jerome Irving, study of myocardial nutrition or effective circulation by the Radiosodium clearance of Na⁺ (Sodium³¹), under Thomas D. Kinney and Alan Moritz, Western Reserve University, Cleveland.

Osborn, John J., continuation of experimental studies on methods for the interruption of the cardiac and pulmonary circulations by refrigeration and with a new type of oxygenator, under L. Emmett Holt, New York University, New York City.

McIntosh, Henry Dean, receptor areas in the control of blood volume and electrolytes in man, under James V. Warren, Duke University School of Medicine, Durham, N. C.

Mater, Frank Marion, 1. cardiovascular effects of specific electrolyte depletion and repletion studied by means of dialysis technique; 2. ballistocardiographic studies in the normal and abnormal subjects, under T. S. Danowski, University of Pittsburgh.

Nelson, Clifford Vincent, studies on the electrical field of the heart, under Sarnoff Wright, Middlesex Hospital, London.

Rose, George Giles, evaluation of cerebral, coronary, and renal blood flow in hypertension, under Charles W. Crampton, University of Wisconsin, Madison.

New Research Fellowships

Abelmann, Walter H., cardiovascular dynamics in liver disease and other metabolic disorders, their determinants, under Laurence B. Ellis, Thorndike Memorial Laboratory, Boston.

Bard, Catherine Dorothy, study of the effects of nutritional deficiencies during gestation on the cardiovascular system of the offspring, under Herbert M. Evans, University of California, San Francisco.

Bachman, Oscar J., pulmonary-circulatory hemodynamics in acquired and congenital heart disease, under S. Gilbert Blomd, University of Colorado, Denver.

Briller, Stanley Arthur, energetics of the myocardium under Charles E. Kossmann, New York University, New York City.

Camara, Augusto, studies of changes in the volume, concentration and composition of the extracellular fluid in patients with heart disease with edema and with oliguria or anuria, with special reference to acid-base balance, under Ferdinand R. Scheinm, Spencer Memorial Hospital, Great Falls, Mont.

Conrad, Loyd Leo, a study of the plasma arilipemia factor in atherosclerosis, under Robert H. Furman, Oklahoma Medical Research Institute, Oklahoma City.

Cougell, David Wolf, cardiopulmonary hemodynamics, under Richard Riley, Johns Hopkins Hospital, Baltimore.

D'Angelo, George Joseph, study of effects of intervals of ischemia and chronic ischemia following arterial obstruction. Determination of critical levels for survival of tissues and effects of several therapeutic agents and of infusion of solutions beyond the point of obstruction, under Keith S. Grimson, Duke University, Durham, N. C.

Donas, Anastasios, S., electrical study of ganglionic and adrenergic blocking agents. Dynamics of prolonged altered homeostasis in the cardiovascular system, under M. H. Seegers, University of Michigan, Ann Arbor.

Engel, Sasha, the mechanism of riboflavin biosynthesis, under Sidney P. Colowick, McCollum Pratt Institute, Baltimore.

Freeman, Oscar W., Jr., (1) study of edema formation in congestive heart failure, cirrhosis and other disease states; (2) electrolytic effects on the myocardium and role in cardiovascular renal disease; (3) treatment of glomerulonephritis and nephrosis with ACTH, under Arthur J. Merrill, Emory University, Atlanta, Ga.

Hamrick, Ladd Walls, Jr., continuation of studies on splanchnic blood flow and metabolism, under J. D. Myers, Duke University, Durham, N. C.

Ling, Johnson, S. L., cardiovascular pharmacology, under John C. Krantz, University of Maryland, Baltimore.

Matheus, Martin B., the physical chemistry of the acid mucopolysaccharides of connective tissue and their protein complexes, under Lowell T. Coggeshall, University of Chicago.

Neill, Catherine Ann, the development of conducting tissue in the human embryo, under Helen B. Taussig, Harriet Lane Home, Baltimore.

Rakita, Louis, the nature of the electrocardiographic changes in coronary occlusion, under Myron Prinmetal, Cedars of Lebanon Hospital, Los Angeles.

Reapport, Elliot, circulatory dynamics of mitral insufficiency and their clinical correlations, under Lewis Dexter, Peter Bent Brigham Hospital, Boston.

Skelton, Floyd Reginald, the roles of certain androgenic steroids in the production of experimental hypertension and cardiovascular-renal disease, under Robert E. Stowell, University of Kansas, Kansas City, Kansas.

Tooper, Yale J., the chemistry and enzymology of co-enzyme A, under Fritz Lipmann, Harvard Medical School, Boston.
Von Korff, Richard Walter, studies in intermediary metabolism, under Lewis Thomas, University of Minnesota, Minneapolis.

Warner, Homer Richards, relationship of heart rate to cardiac output in normal subjects and in patients with heart disease, studied with the pressure pulse method, under Hans Hecht, University of Utah, Salt Lake City.

INTERNATIONAL CARDIOLOGICAL CONGRESS

The Organization Committee for the Second International Congress of Cardiology has held its first meeting in New York under the Chairmanship of Dr. Paul D. White, who will serve as President of the Congress. Co-chairmen of the Committee are Dr. James L. Watt, Director of the National Heart Institute of the U. S. Public Health Service, and Dr. Irving S. Wright, Past President of the American Heart Association.

The Congress has been set for the week of May 12, 1954. Scientific Sessions will be held in Washington, D. C., and Bethesda, Md. Demonstrations and visits to exhibits are planned for the Washington area and special features will be scheduled in various other cities. The Committee also discussed the possibility of commercial exhibits.

PUBLICATION SCHEDULES FOR CIRCULATION RESEARCH

Since prompt publication of research is of great importance, every effort will be made to insure prompt publication of accepted manuscripts in CIRCULATION RESEARCH. Since a certain delay is sometimes inevitable owing to the fact that this is a bimonthly publication, the following publication schedule may be of interest to future contributors.

<table>
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<tr>
<th>Date of Acceptance</th>
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<tr>
<td>April 25–June 24</td>
<td>Sept. 15</td>
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<td>June 25–August 26</td>
<td>Nov. 15</td>
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<td>August 27–Oct. 22</td>
<td>Jan. 15</td>
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TRAINING COURSE FOR CARDIOVASCULAR INVESTIGATORS

A training course for cardiovascular investigators will be offered by the Departments of Physiology and Pharmacology, Medical College of Georgia. This 12 months training program in the disciplines of cardiovascular research, for a limited number of qualified individuals, will be supported by the National Heart Institute, U. S. Public Health Service. The American Heart Association also is contributing $8000 toward the course for the first year. The course will begin July, 1953. Drs. W. F. Hamilton and R. P. Ahlquist will be in charge.

To accelerate the development of available qualified personnel for research in cardiovascular problems, a year's planned training will include the following: formalized technical training in various research methods employed on humans and animals; assistance of qualified investigators in basic animal research (Professors Philip Dow and John Remington, and Associate Professor Robert Alexander will head such research groups); supervised experience in independent research and manuscript preparation will conclude the training program.

Graduates in medicine or related sciences who are highly recommended and acceptable to the Program Directors are eligible. There are no tuition fees. The research traineeships carry an annual stipend of $3,400, plus an allowance of $350 for each dependent. First-class transportation will be furnished a research trainee (but not his dependents) from his home or institution of residence to Augusta, Ga. Return transportation is not provided.

For queries or application forms write: Dr. W. F. Hamilton, Department of Physiology, or Dr. R. P. Ahlquist, Department of Pharmacology, Medical College of Georgia, Augusta, Ga.
The online version of this article, along with updated information and services, is located on the World Wide Web at:
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