News from the American Heart Association

AHA Awards $2 Million To Research Fellows

Research fellowships and investigatorships totaling nearly $2,000,000 have been announced by the Association for fiscal 1967-68.

Awards to be made in the Grants-in-Aid category will be announced at a later date.

The present allocations include continuing awards for 12 Career Investigators and one Career Investigator Fellow, a Special Research Fellow, 63 Established Investigators and 20 Advanced Research Fellows. New awards were made to five Visiting Scientists, 21 Established Investigators and 17 Advanced Research Fellows.

A full list of the recipients, titles of their studies and the institutions where they will be conducted, is carried at the end of this "News" section.

May 15 is Abstracts Deadline For AHA Scientific Sessions

May 15, 1967 is the deadline for submitting abstracts of papers and applications for cardiovascular films and scientific exhibits to be considered for presentation at the American Heart Association's annual Scientific Sessions. The program will be held from October 20-22 in San Francisco's Civic Auditorium.

Papers intended for presentation should be based on original investigations in the cardiovascular or related fields. The abstracts should summarize in 250 words or less the results and conclusions of the project.

Recently produced cardiovascular films will be considered for showing at a full-day film program by AHA’s Subcommittee on Films.

Industrial exhibit space may be requested through Steven K. Herlitz, Inc., 850 Third Ave., New York, N. Y. 10022.

Forms for submitting abstracts, films and scientific exhibits may be obtained from the Medical Education Department of the Heart Association's National Office, 44 East 23rd Street, New York, N. Y. 10010.

Arteriosclerosis Council Will Meet October 18-19

The 1967 Annual Meeting of the Association's Council on Arteriosclerosis will be held on Wednesday and Thursday, October 18-19 in San Francisco's Town House immediately preceding AHA's three-day Scientific Sessions program in the Civic Auditorium.

Abstracts of papers for presentation at the separate two-day Council meeting must be received by May 15, 1967. Forms for submitting abstracts may be obtained from Dr. Alfred M. Bennett at the Heart Association's National Office.

The Council sessions are open to all interested individuals. Members and non-members may submit abstracts of papers.

5-Day PG Course Set On "Cardiology Today"

Clinical diagnosis, surgery, prevention and treatment of cardiovascular diseases and rehabilitation of cardiac patients are among a variety of topics to be discussed at a five-day postgraduate course on the subject of Cardiology Today, scheduled from May 8-12 in Atlanta, Ga.

The "Five Days of Cardiology" course is co-sponsored by the Heart Association's Council on Clinical Cardiology and Emory University School of Medicine in cooperation with
the Georgia Heart Association. It will be held in the Grady Memorial Hospital auditorium.

As part of the course, selected patients demonstrating specific cardiac abnormalities will be available for examination. Also featured are the R. Hugh Wood Lecture on "The Anatomy of the Coronary Arteries," by Thomas N. James, Chairman of the Section on Cardiovascular Research at Henry Ford Hospital; and the Robert P. Grant Memorial Lecture on "The Microcirculation of the Myocardium," by E. Harvey Estes, Professor and Chairman, Department of Community Health Sciences, Duke University Medical Center.

The program is under the direction of J. Willis Hurst, Professor and Chairman of Emory University's School of Medicine. In addition to Emory's distinguished faculty, the visiting faculty for the course will include Michael E. DeBakey, Noble O. Fowler, Richard Gorlin, Herman K. Hellerstein, John Kirklin, Aubrey Leatham, Henry D. McIntosh, James Metcalf, E. Alan Paulk, Joseph K. Perloff and Arnold M. Weissler.

Registration fees for the five-day course are $85 for Fellows and Members of AHA's Council on Clinical Cardiology and $125 for non-members, including luncheons each day. A maximum of 225 persons can be accommodated and registrations will be honored in order of receipt.

Further information and registration forms may be obtained from the Director of Medical Education, American Heart Association.

Cerebrovascular Council Formed by Association

A Council on Cerebrovascular Disease has been established by the American Heart Association to strengthen its leadership role in the stroke field.

The new Council is an outgrowth of the Coordinating Committee for Nationwide Stroke Program which, for the past three years, has been initiating and developing programs in the cerebrovascular field. As a Council, the group hopes to expand its activities by playing a greater role in developing community stroke programs and helping to coordinate the stroke programs of various other organizations.

Named as officers of the cerebrovascular council were Clark H. Millikan, M.D., of the Mayo Clinic, Chairman, and John W. Goldschmidt, M.D., Jefferson Memorial College and Hospital, Philadelphia, Vice Chairman.

The Council is ninth in AHA's roster of scientific councils which operate as a federation of professional societies with subspecialty interests in cardiovascular diseases. The other eight cover arteriosclerosis, basic science, cardiovascular surgery, circulation and renal disease, clinical cardiology, epidemiology, high blood pressure research, and rheumatic fever and congenital heart disease.

Public Health Service Issues Obesity Book

"Obesity and Health," a source book of current information for professional personnel, has been issued by the Division of Chronic Diseases of the U. S. Public Health Service.

The 77-page publication contains a foreword by Samuel M. Fox, Chief, Heart Disease Control Program, Division of Chronic Diseases. Its chapters cover definitions of obesity and methods of assessment, prevalence of obesity, the health implications of obesity, etiology and regulation of food intake, prevention and control, and known effects of weight reduction.

Copies of the book may be obtained without charge by physicians and allied professionals from the Heart Disease Control Branch of the U. S. Public Health Service, 4040 North Fairfax Drive, Arlington, Va. 22203.

Meetings Calendar


April 29: Ballistocardiograph Research Society, Atlantic City. Dr. A. Noordergraaf, University of Pennsylvania, Philadelphia 19104.

April 30-May 3: American Society for Clinical Investigation, Atlantic City. Dr. Grant W. Liddle, Vanderbilt University Medical School, Nashville, Tenn. 37205.


May 8-12: 5 Days of Cardiology (Cardiology Today), Atlanta. Medical Education Department, AHA, 44 E. 23rd St., New York 10010.


September 18-20: 3 Days of Cardiology (Congenital Heart Disease Problems), Boston. Medical Education Department, AHA, 44 E. 23rd St., New York 10010.


October 2-6: American College of Surgeons (Clinical Congress), Chicago. Dr. J. F. North, 55 E. Erie, Chicago 60611.


October 23-27: Association of American Medical Colleges, Detroit. Dr. R. H. Young, 303 E. Chicago, Chicago 60611.

November 30-December 3: 3 Days of Cardiology (Electrocardiographic Diagnosis of Arrhythmias), St. Petersburg, Fla. Medical Education Department, AHA, 44 E. 23rd St., New York 10010.

Abroad


September 6-9: International Cardiovascular Society, Vienna. Dr. R. A. Deterling, Jr., 171 Harrison Ave., Boston 02111.

September 18-21: International Colloquium on Vectorcardiography, Vienna. Dr. R. Wenger, University of Vienna, Vienna 13, Austria.

Research Award Recipients

The list of investigators who will receive support through the Association's national research program for the fiscal year beginning July 1, 1967, follows:

Career Investigators

Clements, John A., Cardiovascular Research Institute, University of California Medical Center, San Francisco, California.

Cohn, Mildred, University of Pennsylvania School of Medicine, Philadelphia, Pennsylvania.

Coons, Albert H., Harvard Medical School, Boston, Massachusetts.

Gottschalk, Carl W., University of North Carolina School of Medicine, Chapel Hill, North Carolina.

Lorber, Victor, University of Minnesota Medical School, Minneapolis, Minnesota.

Morales, Manuel F., Cardiovascular Research Institute, University of California Medical Center, San Francisco, California.

Pappenheimer, John R., Harvard Medical School, Boston, Massachusetts.

Ratnoff, Oscar D., Western Reserve University School of Medicine, Cleveland, Ohio.


Wannamaker, Lewis W., University of Minnesota Medical School, Minneapolis, Minnesota.

Wood, Earl H., Mayo Clinic and Foundation, Rochester, Minnesota.

Zilversmit, Donald B., Cornell University Graduate School of Nutrition, Ithaca, New York.

Career Investigator Fellows

Forman, Walter B., Cellular origin of plasminogen. Under Dr. Oscar D. Ratnoff, Western Reserve University School of Medicine, Cleveland, Ohio.
Special Research Fellow

Suarez-Roldan, Pura N., Studies on the effect of gastric distention on coronary flow and cardiac efficiency. University of Puerto Rico School of Medicine, San Juan, Puerto Rico.

Visiting Scientists

Fichtelius, Karl-Eric, Sponsored by Robert A. Good. Comparative studies of thymic, bursal and bursal equivalent functions in development. University of Minnesota Medical School, Minneapolis, Minnesota.


Stein, Olga, Sponsored by E. H. Ahrens, Jr. Structural and biochemical aspects of lipoprotein synthesis and secretion. Rockefeller University, New York City.

Stein, Yechezkel, Sponsored by E. H. Ahrens, Jr. Structural and biochemical aspects of lipoprotein synthesis and secretion. Rockefeller University, New York City.

New Established Investigators

Bach, Fritz, K., Immunological factors involved in tissue transplantation. University of Wisconsin Medical School, Madison, Wisconsin.

Balagura, Sulamita, Relation of renal transport to metabolism of organic acids. Cornell University Medical College, New York City.

Brendel, Klaus, The metabolism of the lipoprotein-membranes in the heart. Duke University Medical Center, Durham, North Carolina.

Brown, Arthur M., Innervation of coronary arteries and heart. University of Utah College of Medicine, Salt Lake City, Utah.

Goerke, Rudolph J., The role of lipids in the function of muscle cell membranes. University of California Medical Center, San Francisco, California.

Harris, Paul Donald, Chronic cardiac electrodes for diagnosis, therapy and investigation in man. Columbia University, College of Physicians and Surgeons, New York City.


Jovin, Thomas M., Kinetic study of the Escherichia coli DNA polymerase system. Max-Planck Institut fur Physikalische Chemie, Goettingen, Germany.

Lloyd, Thomas C., Jr., Active regulatory mechanisms of the pulmonary circulation. Western Reserve University School of Medicine, Cleveland, Ohio.

Maitra, Umadas, 5'-Triphosphate-Terminated RNA Formed in DNA-RNA Polymerase Reaction in Protein Synthesis. Albert Einstein College of Medicine, New York City.

Nemerson, Yale R., Mechanism of action of tissue extracts in blood coagulation. Yale University School of Medicine, New Haven, Connecticut.


Preuss, Harry G., Relation of the citric acid cycle to renal production of ammonia. University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania.

Ray, Paul D., Gluconeogenesis; primary mode of action of adrenal glucocorticoids. University of Wisconsin, Madison, Wisconsin.

Rolet, Ellis L., Studies of left ventricular performance. University of North Carolina School of Medicine, Chapel Hill, North Carolina.

Singer, Donald H., Specialized atrial fibers and their role in atrial arrhythmias. Columbia University College of Physicians and Surgeons, New York City.

White, Lawrence W., Factors regulating cholesterol biosynthesis. Western Reserve University School of Medicine, Cleveland, Ohio.


Witte, Marlys Hearst, Failure of lymph flow in heart failure and cirrhosis and its treatment. Washington University School of Medicine, St. Louis, Missouri.

Wolf, George, Behavioral regulation of blood volume. Rockefeller University, New York City.

Continued Established Investigators

Andriele, Vincent T., Effect of altered local factors on pyogenic infections. Yale University School of Medicine, New Haven, Connecticut.

Atassi, M. Zouhair, Structural and immunochemical studies on hemoglobins and myoglobins. State University of New York at Buffalo School of Dentistry, Buffalo, New York.


Blinks, John R., Drugs and the mechanical properties of heart muscle. Harvard Medical School, Boston, Massachusetts.

Bloch, Jack H., The role of the heart in experimental and clinical shock. University of Minnesota Medical School, Minneapolis, Minnesota.
Brierley, Gerald P., Ion accumulation in isolated heart mitochondria. Ohio State University College of Medicine, Columbus, Ohio.

Brown, Barbara Illingworth, Metabolism of glycogen. Washington University School of Medicine, St. Louis, Missouri.

Buchwald, Henry, Effect of ileal bypass on body cholesterol and on atherosclerosis. University of Minnesota Medical School, Minneapolis, Minnesota.

Clapp, James R., Urea and bicarbonate reabsorption by the mammalian kidney. Duke University Medical Center, Durham, North Carolina.

Conrad, Margaret C., Pathophysiology of peripheral vascular disease. Bowman Gray School of Medicine of Wake Forest College, Winston-Salem, North Carolina.

Di Ferrante, Nicola, Chemical bonding of vasoactive amines and peptides to receptor sites in target tissues. Baylor University College of Medicine, Houston, Texas.

Donaldson, Virginia H., Characterization of proteolysis by plasmin and mechanism of activation of plasminogen. St. Vincent Charity Hospital, Cleveland, Ohio.

Dong, Eugene, Jr., Physiological parameters of cardiac replacement. Stanford University School of Medicine, Palo Alto, California.

Fairhurst, Alan S., Mechanism of action of ryanodine on muscle. University of California at Los Angeles Center for Health Sciences, Los Angeles, California.

Framestil, Darrell D., Characterization of the receptor site for aldosterone. University of Kansas Medical School, Kansas City, Kansas.

Fleischer, Sidney, Physiological role of lipid in the function of the mitochondrion and other membranes. Vanderbilt University School of Medicine, Nashville, Tennessee.

Fleischman, Julian B., Structural on 7S and 19S gamma-globulin. Washington University School of Medicine, St. Louis, Missouri.


Franzblau, Carl, Studies on elastin. Boston University School of Medicine, Boston, Massachusetts.

Frimpter, George W., Protein and amino acid metabolism in renal diseases. Cornell University Medical College, New York, New York.

Gillis, Charles N., Factors influencing the retention and subcellular distribution of catecholamines in the heart. Yale University School of Medicine, New Haven, Connecticut.


Grey, Howard M., Relationship between the structure and function of antibody. Scripps Clinic and Research Foundation, La Jolla, California.

Herd, J. Alan, Central nervous system control of cardiovascular and renal function in unanesthetized animals. Harvard Medical School, Boston, Massachusetts.

Hilgard, Henry R., Mechanisms of immunity and immunological tolerance. Hopkins Marine Station of Stanford University, Pacific Grove, California.

Hoffman, Julien I. E., Ventricular responses to sudden or sustained changes of inflow or outflow resistance. University of California Medical Center, San Francisco, California.

Hugenhotz, Paul G., Abnormal pressure volume relationships as reflected in the orthogonal electrocardiogram. Children's Hospital Medical Center, Boston, Massachusetts.

Hurley, Edward J., Physiological consequences of cardiac transplantation. Stanford University School of Medicine, Palo Alto, California.

Inesi, Giuseppe, Sarcoplasmic membranes and intracellular concentrations of ions in heart tissue. University of California Medical Center, San Francisco, California.

Insull, William, Jr., Lipid Metabolism in human atherosclerosis. Western Reserve University School of Medicine, Cleveland, Ohio.

Jackson, Benjamin T., Fetal cardiovascular physiology, normal and pathologic. Boston University School of Medicine, Boston, Massachusetts.


Kot, Peter A., Blood flow and velocity patterns, Georgetown University School of Medicine, Washington, D.C.

Levinsky, Norman G., Regulation of sodium excretion. Boston University School of Medicine, Boston, Massachusetts.

Litt, Mortimer, Role of eosinophils in immune processes. Boston City Hospital, Boston, Massachusetts.


McCann, Frances V., Electrophysiology of invertebrate heart muscle. Dartmouth Medical School, Hanover, New Hampshire.

McGiff, John C., Mode of action and the role of vasoactive polypeptides in the regulation of the renal circulation and renal excretory patterns. Saint Louis University School of Medicine, Saint Louis, Missouri.
Malt, Ronald A., Protein and nucleic acid synthesis in differentiation. Massachusetts General Hospital, Boston, Massachusetts.

*Michael, Alfred F., Jr., Structure and biochemical nature of cell membrane and glomerular basement membrane. Neurochemical Institute, Copenhagen, Denmark.


Nechele, Thomas F., Use of hypertransfusion in treatment of congenital hemolytic anemia. New England Medical Center Hospitals, Boston, Massachusetts.

Peakall, David B., Regulation of protein synthesis in a simple organ. State University of New York Upstate Medical Center, Syracuse, New York.

Rabinowitz, David, Metabolic exchanges in skeletal muscle in man. Johns Hopkins Hospital, Baltimore, Maryland.

Richards, Frank F., Structure of the antibody combining site. Massachusetts General Hospital, Boston, Massachusetts.

*Roheim, Paul S., Mechanisms of lipoprotein formation. Albert Einstein College of Medicine of Yeshiva University, New York, New York.

Rothe, Carl F., Cardiac function and venous pressure control in hemorrhagic shock. Indiana University School of Medicine, Indianapolis, Indiana.

Rowell, Loring B., Circulatory distribution and energy metabolism. University of Washington School of Medicine, Seattle, Washington.

Scharff, Thomas G., Sugar and potassium ion transport in yeast. University of Louisville School of Medicine, Louisville, Kentucky.

Schuder, John C., Energy transport conversion for a permanently implanted artificial heart. University of Missouri School of Medicine, Columbia, Missouri.

Schultz, Stanley G., The mechanisms of sodium, sugar and amino acid absorption by mammalian intestine. Harvard Medical School, Boston, Massachusetts.


Seidel, John C., Protein nucleotide, and metal ion interactions in contraction of muscle. Retina Foundation, Boston, Massachusetts.


Sreter, Frank A., Biochemistry and function of red, white and cardiac muscle. Retina Foundation, Boston, Massachusetts.

Tanzer, Marvin L., Structure and function of collagen. Massachusetts General Hospital, Boston, Massachusetts.

Tierney, Donald F., Some interrelationships of surface phenomena, metabolism, structure and function of the lung. University of California Medical Center, San Francisco, California.

Villamil, Mario F., Kinetics of salt (NaCl) transport in experimental and clinical hypertensive disorders. Mount Sinai Hospital Division, Cedars-Sinai Medical Center, Los Angeles, California.

Wessel, Hans U., Digitalis antagonism; thermal dilution techniques for cardiac output. Northwestern University Medical School, Chicago, Illinois.

White, Fred G., Mechanism of action of the coenzymes of the a-ketooacid dehydrogenases. Brigham Young University, Provo, Utah.

*Established Investigatorship Grantees

New Advanced Research Fellows

Baginsky, M., Electron transfer in heart mitochondria. Under Dr. Yousuf Hatefi, Scripps Clinic and Research Foundation, La Jolla, California.


Cameron, Bruce F., Aggregation of phenomena in hemoglobin oxygen binding. Under John H. Heller, New England Institute for Medical Research.

Coggins, Cecil H., Metabolism and sodium transport in the toad bladder. Under Alexander Leaf, Harvard Medical School, Boston, Massachusetts.

Dajani, Adnan S., Natural and experimental infection with mycoplasma organisms. Under Lewis W. Namnamaker, University of Minnesota School of Medicine, Minneapolis, Minnesota.

DiCara, Leo V., Conditioning of the cardiovascular system. Under Neil E. Miller, Rockefeller University, New York City.

Eisenberg, Evan, Interaction of actin with enzymatically active subunits of myosin. Under C. Moos, State University of New York at Stony Brook.


Gonzalez, Carlos F., The nature of ionic transport across the isolated reptilian bladder. Under William A. Bronsky, University of Louisville School of Medicine, Louisville, Kentucky.

Howard, Charles F., Jr., Metabolism of fatty acids in arterial tissue. Under Oscar W. Portman, Oregon Regional Primate Research Center.

Kane, John P., Studies on the protein moieties of serum lipoproteins. Under Richard J. Havel, University of California Medical Center, San Francisco, California.

Logic, Joseph R., Relation of extracellular K+ to ventricular excitability and contractility. Under Borys Surawicz, University of Kentucky College of Medicine, Lexington, Kentucky.

Mashburn, T. A., Jr., Proteinpolysaccharide complexes of connective tissue. Under Philip Hoffman, Hospital for Joint Diseases, New York City.

Perey, Daniel, Mammalian equivalent of the avian bursa of fabricius. Under Robert A. Good, University of Minnesota, Variety Club Heart Hospital, Minneapolis, Minnesota.


**Continued Advanced Research Fellows**

Brady, June P., Hypoxia and pulmonary blood flow in the newborn infant. Under William H. Tooley, Cardiovascular Research Institute, University of California Medical Center, San Francisco, California.

Di Girolamo, Mario, Comparative studies on the hormonal and nutritional regulation of lipogenesis. Under Daniel Rudman, Goldwater Memorial Hospital and Columbia University College of Physicians and Surgeons, New York, New York.

Fimognari, Grace M., Role of induction in the mechanism of action of mineralocorticoids. Under Isidore S. Edelman, University of California School of Medicine, San Francisco, California.

Fish, Alfred J., Localization of antigens in the glomerus in glomerulonephritis. Under Robert A. Good, University of Minnesota Variety Club Heart Hospital Minneapolis, Minnesota.

Gamboa, Raul, Development of a corrected orthogonal lead-system for infants and children. Under Heinz F. Eichenwald, University of Texas Southwestern Medical School, Dallas, Texas.

Gold, Warren M., Effects of abnormalities of the pulmonary circulation on the alveoli and airways. Under Alexander S. Nadas, Children's Hospital Medical Center, Boston, Massachusetts.


Heintz, Roger L., Synthesis of hemoglobin in a cell-free system. Under Richard S. Schweet, University of Kentucky Medical Center, Lexington, Kentucky.


Maack, Thomas M., Protein transport and metabolism by the kidney. Under William B. Kinter, State University of New York Upstate Medical Center, Syracuse, New York.

Marshall, Richard E., Role of vitamin B12 in the biosynthesis of methionine. Under Herbert Weissbach, National Heart Institute, National Institutes of Health, Bethesda, Maryland.

Masters, Bettie Sue Siler, Mechanisms of flavoprotein catalysis. Under Henry Kamin, Duke University School of Medicine, Durham, North Carolina.

Mierzwiak, Donald S., Regulation of left ventricular performance. Under Jere H. Mitchell, University of Texas Southwestern Medical School, Dallas, Texas.

Needleman, Philip, Mechanism of action and transformation of organic nitrates. Under F. E. Hunter, Jr., Washington University School of Medicine, St. Louis, Missouri.


Thier, Samuel, Renal tubular transport defect in cystinuria. Under Alexander Leaf, Massachusetts General Hospital, Boston, Massachusetts.

Thorpe, Neal O., Structural studies on the antigen-combining sites of specific antibodies. Under S. J. Singer, University of California, San Diego, La Jolla, California.