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<td>1992</td>
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<td>1994</td>
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We’ve put some brilliant heads TOGETHER.

**FOUNDAING MEMBERS**
- Bristol-Myers Squibb
- CIBA-GEIGY Corporation
- Genentech, Inc.
- Sandoz Pharmaceuticals Corporation
- Winthrop Pharmaceuticals/Dvision of Sterling Drug, Inc.
- Wyeth-Ayerst Laboratories

**REGULAR MEMBERS**
- Boehringer Ingelheim Pharmaceuticals, Inc.
- Parke-Davis Company, a division of Warner-Lambert Company
- SmithKline Beecham Pharmaceuticals

**THE AMERICAN HEART ASSOCIATION PHARMACEUTICAL ROUNDTABLE**
AHA Research Funding Reflects Corporate and Foundation Support

The American Heart Association’s National Center boosted its 1990–1991 commitment to cardiovascular research to a record $45.2 million. The magnitude of the AHA’s support for cardiovascular research is due in part to the support provided by corporations and foundations.

The AHA offers corporations and foundations the opportunity to support AHA-approved awardees. Worthy candidates can be funded through either the National Center or an AHA affiliate. In both cases, the AHA selects the candidates and administers the award.

The AHA’s premier corporate partnership, the Pharmaceutical Roundtable, involves leading drug manufacturers in the support of AHA research. This group of nine of the country’s leading pharmaceutical firms has jointly committed $13.5 million to cardiovascular research. Beginning in 1988, founding members each committed $300,000 per year for 5 years and one regular member committed $200,000 per year. The third payment of $2.3 million is reflected in new research funding for the 1991–1992 fiscal year. Specific awards have been named for Roundtable members in honor of their participation.

Current National Center awardees who have been designated for Pharmaceutical Roundtable sponsorship are listed below. The award type is indicated as follows: Clinician-Scientist Award (CSA), Established Investigatorship (EI), and Grant-in-Aid (GIA).

**Bristol-Myers Squibb Company, Founding Member**

- **David L. Brown, MD**, Gladstone Foundation Labs, San Francisco, Calif. (CSA)
- **John C. Edwards, MD, PhD**, Columbia University, New York, N.Y. (CSA)
- **Barbara A. Konkle, MD**, Duke University Medical Center, Durham, N.C. (CSA)
- **William E. Kraus, MD**, Duke University Medical Center, Durham, N.C. (CSA)
- **Israel Lowy, MD, PhD**, Columbia University, New York, N.Y. (CSA)
- **Joseph I. Shapiro, MD**, University of Colorado Medical School, Denver, Colo. (CSA)
- **S. Paul Bajaj, PhD**, St. Louis Medical Center, St. Louis, Mo. (GIA)
- **David A. Chappell, MD**, University of Iowa, Iowa City, Iowa (GIA)
- **Christos Cladaras, PhD**, Boston University Medical Center, Boston, Mass. (GIA)
- **Mark Alan Creager, MD**, Brigham and Women’s Hospital, Boston, Mass. (GIA)

**CIBA-GEIGY Corporation, Founding Member**

- **Ira J. Goldberg, MD**, Columbia University, New York, N.Y. (GIA)
- **Alan M. Fujii, MD**, Children’s Hospital, Boston, Mass. (GIA)
- **Perry V. Halushka, MD, PhD**, Medical University of South Carolina, Charleston, S.C. (GIA)
- **Laura Liscum, PhD**, Tufts University, Boston, Mass. (GIA)
- **Karen L. Reue, PhD**, Veterans Administration/Wadsworth Medical Center, Los Angeles, Calif. (GIA)
- **Mike VanRollins, PhD**, Henry Ford Hospital, Detroit, Mich. (GIA)

**Genentech, Inc., Founding Member**

- **Robert D. Gerard, PhD**, University of Texas Southwestern Medical Center, Dallas, Tex. (EI)
- **Richard Neubig, MD, PhD**, University of Michigan, Ann Arbor, Mich. (EI)
- **David M. Stern, MD**, Columbia University, New York, N.Y. (EI)
- **Sandra Weller, PhD**, University of Connecticut, Farmington, Conn. (EI)
- **Georg Widera, PhD**, Research Institute of Scripps Clinic, La Jolla, Calif. (EI)

**Sandoz Pharmaceuticals Corporation, Founding Member**

- **Wilson S. Colucci, MD**, Brigham and Women’s Hospital, Boston, Mass. (EI)
- **Stephen L. Gluck, MD**, Washington University School of Medicine, St. Louis, Mo. (EI)
- **Frank J. Gordon, PhD**, Emory University, Atlanta, Ga. (EI)
- **Victoria P. Knutson, PhD**, University of Texas Health Science Center, Houston, Tex. (EI)
- **Mark A. Lehrman, PhD**, University of Texas Southwestern Medical Center, Dallas, Tex. (EI)
- **Alan S. Verkman, MD, PhD**, University of California, San Francisco, Calif. (EI)

**Sanofi Winthrop Pharmaceuticals, Founding Member**

- **Douglas V. Faller, MD, PhD**, Dana-Farber Cancer Institute, Boston, Mass. (GIA)
- **Joseph C. Fantone, MD**, University of Michigan Medical School, Ann Arbor, Mich. (GIA)
- **Gregory L. Freeman, MD**, University of Texas Health Science Center, San Antonio, Tex. (GIA)
- **Mark S. Paller, MD**, University of Minnesota, Minneapolis, Minn. (GIA)
- **Gerald B. Pier, PhD**, Channing Laboratory, Boston, Mass. (GIA)
- **Martin J. Sullivan, MD**, Duke University Medical Center, Durham, N.C. (GIA)
- **Shizuko Takahashi, MD**, Albert Einstein College of Medicine, New York, N.Y. (GIA)
- **Michael M. Tamkun, PhD**, Vanderbilt University Medical School, Nashville, Tenn. (GIA)
- **Michael T. Watkins, MD**, Mallory Institute of Pathology, Boston, Mass. (GIA)
Max H. Weil, MD, PhD, The Chicago Medical School, Chicago, Ill. (GIA)

Wyeth-Ayerst Laboratories, Founding Member
Boaz Avital, MD, PhD, Sinai Samaritan Medical Center, Milwaukee, Wis. (GIA)
Meredith Bond, PhD, Cleveland Clinic Foundation, Cleveland, Ohio (GIA)
Vishva M. Dixit, MD, University of Michigan Medical School, Ann Arbor, Mich. (GIA)
William T. Clusin, MD, Stanford University, Palo Alto, Calif. (GIA)
David D. Guterman, MD, University of Iowa College of Medicine, Iowa City, Iowa (GIA)
Carl A. Hansen, PhD, University of Pennsylvania, Philadelphia, Penn. (GIA)
Martin G. Low, PhD, Columbia University, New York, N.Y. (GIA)
Ellinor I. Peerschke, PhD, State University of New York, Stony Brook, N.Y. (GIA)
Gerald J. Roth, MD, Veterans Administration Medical Center, Seattle, Wash. (GIA)
Bruce A. Stanton, PhD, Dartmouth Medical School, Hanover, N.H. (GIA)

Boehringer Ingelheim Pharmaceuticals, Inc., Regular Member
Steven J. Feinmark, PhD, Columbia University, New York, N.Y. (EI)
William J. Dreyer, MD, Baylor College of Medicine, Houston, Tex. (CSA)
Ira A. Tabas, MD, PhD, Columbia University, New York, N.Y. (EI)

Parke-Davis Company, a Division of Warner-Lambert Company, Regular Member
Ruth A. Altschuld, PhD, Ohio State University, Columbus, Ohio (GIA)
Mohamed A. Gaballa, PhD, Veterans Administration Medical Center, Tucson, Ariz. (GIA)
Victor B. Hatcher, PhD, Montefiore Medical Center, New York, N.Y. (GIA)
Jeffrey A. Kern, MD, University of Iowa College of Medicine, Iowa City, Iowa (GIA)
Mary J. Townsley, PhD, University of South Alabama, Mobile, Ala. (GIA)

SmithKline Beecham Pharmaceuticals, Regular Member
Shaun R. Coughlin, MD, PhD, University of California, San Francisco, Calif. (EI)
William H. Kane, MD, PhD, Duke University, Durham, N.C. (EI)
Joseph C. Loftus, PhD, Research Institute of Scripps Clinic, La Jolla, Calif. (EI)
Lindsey A. Miles, PhD, Research Institute of Scripps Clinic, La Jolla, Calif. (EI)

Other Corporate and Foundation Partners
Other corporate partners have elected to support the AHA research program. In 1986 the Henrietta B. and Frederick H. Bugher Foundation of New York City made a $4 million grant to the AHA to establish three AHA–Bugher Foundation Centers for Molecular Biology in the Cardiovascular System. The commitment of another $5.4 million from the Bugher Foundation in 1989 made possible the continuation of funding to the existing centers and the activation of three additional centers in 1991. In 1989 Genentech, Inc., committed $3 million and Parke-Davis committed $1 million to support special Clinician-Scientist Awards in thrombolysis and lipoprotein metabolism, respectively.

Henrietta B. and Frederick H. Bugher Foundation
Continuing awards begun in 1986–1987:
- Baylor College of Medicine, Houston, Tex. Robert Roberts, MD, center director
- The Children’s Hospital Corporation, Boston, Mass. Bernardo Nadal-Ginard, MD, PhD, center director
- University of Texas Southwestern Medical Center, Dallas, Tex. Joseph F. Sambrook, PhD, center director

New awards in 1991–1992:
- Brigham and Women’s Hospital, Boston, Mass. Thomas W. Smith, MD, center director
- Stanford University, Palo Alto, Calif. Victor J. Dzau, MD, center director
- University of California, San Diego, Calif. Kenneth R. Chien, MD, PhD, center director

Genentech, Inc.
Stephen L. Hempel, MD, University of Iowa, Iowa City, Iowa (CSA)
William J. Parsons, MD, Duke University Medical Center, Durham, N.C. (CSA)
Thomas L. Ortel, MD, PhD, Duke University Medical Center, Durham, N.C. (CSA)

Parke-Davis Company
Christopher L. Carpenter, MD, PhD, Massachusetts General Hospital, Boston, Mass. (CSA)
Geoffrey S. Ginsburg, MD, PhD, Beth Israel Hospital, Boston, Mass. (CSA)
Matthew L. Lenz, MD, Baylor College of Medicine, Houston, Tex. (CSA)
Brian W. Walsh, MD, Brigham and Women’s Hospital, Boston, Mass. (CSA)

Conference to Be Held in Orlando
The International Conference on the Prevention of Atherosclerosis and Hypertension Beginning in Youth will be held in Orlando, Fla., May 21–23, 1992, immediately before the XIVth InterAmerican Congress of Cardiology.
The conference will consist of symposia, scientific sessions, and poster presentations. Participants will receive updates and reviews of information that relate to the earliest evidence of atherosclerosis and hypertension in youth. Special experts and investigators from all over the world will present the latest information about pathology of atherosclerosis from
an international perspective, lipids in children and identification of high-risk individuals with hyperlipidemias, and blood pressure, cigarette smoking, and obesity in children. The concluding conference sessions will present recommendations for medical and environmental interventions as well as effective suggestions health professionals can make to patients about healthy eating, prevention and cessation of smoking, and increasing physical activity. Physicians, nutritionists, nurses, and health educators will find this conference of particular interest.

Sponsors of the conference include the International Society and Federation of Cardiology; the AHA’s Councils on Cardiovascular Disease in the Young, Epidemiology and Prevention, and Cardiovascular Nursing; the American Academy of Pediatrics; and the National Heart, Lung, and Blood Institute.


Facts About Cardiovascular Diseases

These facts and the figure are from Research Facts—Update 1992.

In 1989, of the estimated US population of 248 million, over 69 million—more than one in four—had some form of cardiovascular disease. That year, an estimated 944,688 Americans died of cardiovascular disease, almost as many as died of all other causes of death combined.

Cardiovascular diseases accounted for 5,100,000 years of lost potential life in 1988, based on a lifespan of 75 years; each year cardiovascular disease kills more than 170,000 under the age of 65.

Cardiovascular disease is still the Number 1 killer in America, but significant progress in the fight against it has been made. From 1979 to 1989, age-adjusted death rates from heart attack declined 30.0% and age-adjusted death rates from stroke declined 31.5%. In the same period, age-adjusted death rates from all forms of cardiovascular diseases combined declined 23.4%.

Source: National Center for Health Statistics and the American Heart Association.

Publications Available From the AHA

Research Facts – Update 1992. In this booklet the charts and graphs from 1990 Research Facts, with which it may be distributed, are updated. The AHA’s commitment to research and the importance of research in the fight against cardiovascular disease are explained, and the association’s national and affiliate research programs are described. Order No. 55-0386. (1990 Research Facts, Order No. 55-0372.)

How Stroke Affects Behavior. Written for friends and relatives of stroke victims, this booklet explains how stroke affects behavior and why its victims behave the way they do. It also offers some guidelines on how to help. This edition features a new cover illustration that more clearly portrays the effects of a stroke. Order No. 50-1033.

Animal Research: A Responsible Approach. This brochure, an update of a previous version, answers questions often asked by the public about the use of animals in biomedical research and the AHA’s support of such research. Order No. 71-1021.


Academic Research Enhancement Award

The National Institutes of Health is making a special effort to stimulate research in educational institutions that provide baccalaureate training for research scientists but that historically have not been major recipients of NIH support. The Academic Research Enhancement Award Program is intended to provide support for new research projects or expand ongoing research activities proposed by faculty members of eligible institutions in areas related to the health sciences.

All domestic institutions offering baccalaureate or advanced degrees in the sciences related to health are eligible to apply for the award, except those that have received an NIH Biomedical Research Support Grant of $20,000 or more per year for 4 or more years from fiscal year 1985 through fiscal year 1991. Institutions may submit several applications proposing different research projects.

Principal investigators must not have active research grant support (including an Academic Research Enhancement Award) from either the NIH or the Alcohol, Drug Abuse, and Mental Health Administration at the time an Academic Research Enhancement Award is given. They are expected to conduct the majority of their research at their own institutions, although limited access to special facilities or equipment at another institution is permitted. Principal investigators may not be granted more than one Academic Research Enhancement Award at a time nor be granted a second award to continue the research initiated under the first. The deadline for application is June 19, 1992.

Applications will be accepted under the application submission procedures of the Division of Research Grants of the NIH. The research grant application PHS 398 (revised 9-91) must be used to apply for an Academic Research Enhancement Award. Supplemental instructions, which must be followed in preparing an application, may be obtained from the Office of Grants Inquiries, Division of Research Grants, National Institutes of Health, Westwood Building, Room 449, Bethesda, MD 20892. Telephone: 301-496-7441.

Applicants may request support for up to $75,000 for direct costs (plus applicable indirect costs) for up to 36 months. No more than $35,000 may be requested for direct costs for any single year. Although this award is nonrenewable, it will enable qualified individual scientists to receive support before more substantial funding is sought from the NIH research grant program.

Funding decisions will be based on the proposed research project’s scientific merit and relevance to NIH programs and the institution’s contribution to the undergraduate preparation of doctoral-level health professionals. Among projects of essentially equivalent scientific merit and program relevance, preference will be given to institutions that have granted baccalaureate degrees to 25 or more individuals who have obtained academic or professional doctoral degrees in the health-related sciences during the period 1982–1991.
Domestic
1992

Indicates meetings sponsored or hosted by the American Heart Association or its scientific councils.

April 4: Practical Cardiology for the '90s. San Diego Convention Center, San Diego, Calif. Gabriel Gregoratos, MD, national chairman. Inquiries: Verda Belyeu, Grossmont Hospital, PO Box 158, La Mesa, CA 91944-0158. Tel 619-589-4153.


April 5–10: Diagnostic Imaging '92. Hyatt Regency, Maui, Hawaii. Sponsored by the University of California School of Medicine at San Francisco. Inquiries: Radiology Postgraduate Education, Room C-324, University of California School of Medicine, San Francisco, CA 94143-0626. Tel 415-476-5731. Fax 415-476-9214.

April 6–10: Cardiac Rehabilitation. La Crosse, Wisconsin. Sponsored by the La Crosse Exercise and Health Program. Inquiries: John Porcaro, PhD, La Crosse Exercise and Health Program, University of Wisconsin–La Crosse, 221 Mitchell Hall, La Crosse, WI 54601. Tel 608-785-8683.

April 6–11: 31st Annual Cardiology Retreat. Rancho Santa Fe, Calif. Sponsored by Scripps Clinic and Research Foundation. Inquiries: Department of Academic Affairs, 403C, Scripps Clinic and Research Foundation, 10666 N Torrey Pines Rd, La Jolla, CA 92037. Tel 619-554-8556.

April 7–9: Introduction to Doppler Echocardiography. Saint Louis University Medical Center, Saint Louis, Mo. Sponsored by the Saint Louis University Medical Center. Inquiries: Continuing Medical Education, School of Medicine, 1402 South Grand, Room 259, Saint Louis, MO 63104. Tel 314-577-8167. Fax 314-577-8214.


April 10–11: Sixth International Fetal Cardiology Symposium. Dallas, Tex. Sponsored by the University of Maryland School of Medicine. Inquiries: Terry Slade Young, Division of Pediatric Cardiology, University of Maryland School of Medicine, 22 S Greene St, Baltimore, MD 21201. Tel 301-328-2399. Fax 301-328-0501.

April 12–16: 41st Annual Scientific Session of the American College of Cardiology. Dallas, Tex. Inquiries: Meeting Services Department, American College of Cardiology, 9111 Old Georgetown Rd, Bethesda, MD 20814-1699. Tel 800-253-4636 or (in Maryland or outside USA) 301-897-2693. Fax 301-897-9745.


April 21–23: Second Annual Symposium on Coronary Stenting: A Live Demonstration Course. Sheraton Grande Torrey Pines Hotel, La Jolla, Calif. Sponsored by Scripps Clinic and Research Foundation. Inquiries: Department of Academic Affairs, 403C, Scripps Clinic and Research Foundation, 10666 N Torrey Pines Rd, La Jolla, CA 92037. Tel 619-554-8556.

April 21–24: Exercise Physiology: ACSM Exam Preparation. La Crosse, Wisconsin. Sponsored by the La Crosse Exercise and Health Program. Inquiries: John Porcaro, PhD, La Crosse Exercise and Health Program, University of Wisconsin–La Crosse, 221 Mitchell Hall, La Crosse, WI 54601. Tel 608-785-8683.

April 23–24: Third Biannual Symposium in Echocardiography. Milwaukee, Wis. Sponsored by the University of Wisconsin Medical School. Rami A. Gal, MD, director. Inquiries: Jean Kaiserling, course coordinator. Tel 414-283-7690.

April 23–24: The Heart of Cardiology is (Still) Cardiology. Marc Plaza Hotel, Milwaukee, Wis. Sponsored by the Cardiovascular Disease Center, University of Wisconsin Medical School, Milwaukee Clinical Campus; Sinai Samaritan Medical Center, Mount Sinai Campus; Continuing Medical Education, University of Wisconsin–Madison; and University of Wisconsin–Extension. Inquiries: Sarah Aslakson, Continuing Medical Education, 2715 Marshall Court, Madison, WI 53705. Tel 608-263-2856.


May 1–2: American Board of Nutrition 1992 Examination.
June 5–6: 28th Annual Cardiovascular Symposium. Hartford, Conn. Sponsored by Saint Francis Hospital and Medical Center, Hartford, Conn. Inquiries: Robert M. Jeresaty, MD, Chief, Section of Cardiology, Saint Francis Hospital and Medical Center, 114 Woodland St, Hartford, CT 06105-1299. Tel 203-548-4820.

May 12–15: Fifth International Congress on Ambulatory Monitoring. Saint Louis, Mo. Sponsored by the International Society for Holter Monitoring. Inquiries: Dr. Harold L. Kennedy, Chairman of the Congress, PO Box 11845, Saint Louis, MO 63105.

May 13: NASPEXAM/AP: Examination of Special Competency in Cardiac PACing for Associated Professionals. Hyatt Regency, Chicago. Inquiries: NASPE, 377 Elliot St, Newton Upper Falls, MA 02164. Tel 617-244-7300. Fax 617-244-3920.

Stenting: A Live Demonstration Course. Sheraton Grande Torrey Pines Hotel, La Jolla, Calif. Sponsored by Scripps Clinic and Research Foundation. Inquiries: Department of Academic Affairs, 403C, Scripps Clinic and Research Foundation, 10666 N Torrey Pines Rd, La Jolla, CA 92037. Tel 619-554-8556. Fax 619-554-6310.


May 28–29: Restenosis Summit IV. Ritz-Carlton, Cleveland, Ohio. Sponsored by The Cleveland Clinic Foundation. Inquiries: The Cleveland Clinic Educational Foundation, Department of Continuing Education, 9500 Euclid Avenue, Room TT-31, Cleveland, OH 44195-5241. Tel 216-444-5696 (local) or 800-762-8173 (other). Fax 216-445-9406.


June 2–4: Introduction to Doppler Echocardiography. Saint Louis University Medical Center, Saint Louis, Mo. Sponsored by the Saint Louis University Medical Center. Inquiries: Continuing Medical Education, School of Medicine, 1402 South Grand, Room 259, Saint Louis, MO 63104. Tel 314-577-8167. Fax 314-577-8214.

June 3–4: Practical Anatomy and Surgical Technique Workshop: Neurosurgery Workshop. Part I, Peripheral Nerve; Part II, Spine–Microsurgery and Stabilization; Part III, Microsurgery of the Brain. St. Louis Metropolitan Medical Society Building, Saint Louis, Mo. Sponsored by the Saint Louis University Medical Center. Inquiries: Continuing Medical Education, School of Medicine, 1402 South Grand, Room 259, Saint Louis, MO 63104. Tel 314-577-8167. Fax 314-577-8214.


June 8–12: Cardiac Rehabilitation. La Crosse, Wisconsin. Sponsored by the La Crosse Exercise and Health Program. Inquiries: John Pocrari, PhD, La Crosse Exercise and Health Program, University of Wisconsin–La Crosse, 221 Mitchell Hall, La Crosse, WI 54601. Tel 608-785-8683.


June 27–July 3: Comprehensive Board Review in Family Practice Medicine. St. Louis, Mo. Sponsored by the Department of Family Medicine, Deaconess Hospital and CME Reviews Inc, St. Louis, Mo. Inquiries: David M. Tarlow, MD, PhD, course coordinator, PO Box 510222, St. Louis, Mo. 63151-0222. Tel 800-633-8378.

June 28–July 3: FASEB Summer Conference on Renal Hemodynamics: Interactions With Endothelial and Epithelial Systems. Vermont Academy, Saxtons River, Vt. Inquiries: Dr. L. Gabriel Navar, Tulane University School of Medicine, Department of Physiology SL#39, 1430 Tulane Ave, New Orleans, LA 70112. Tel 504-588-5251. Fax 504-584-2675.


July 23–26: Radiology for Non-Radiologists. Hotel Del Coronado, San Diego, Calif. Sponsored by the University of California, San Diego. David S. Feigin,
Meetings Calendar


July 30–Aug 1: **Neurology for the Non-Neurologist**. Kiawah Island, SC. Sponsored by the School of Medicine, Medical College of Georgia. Inquiries: Division of Continuing Education, Medical College of Georgia, Augusta, GA 30912-1400. Tel 800-221-6437 (in Georgia, 404-721-3967).

Aug 4–5: **Transesophageal Echocardiography Course**. Saint Louis University Medical Center, Saint Louis, Mo. Sponsored by the Saint Louis University Medical Center. Inquiries: Continuing Medical Education, School of Medicine, 1402 South Grand, Room 259, Saint Louis, MO 63104. Tel 314-577-8167. Fax 314-577-8214.


Sept 8–12: **Second World Congress of Stroke**. Omni Shoreham Hotel, Washington, DC. Sponsored by the International Stroke Society, James F. Toole, program chairman, and J. Donald Easton, scientific chairman. Inquiries: Convention Office, Wake Forest University Medical Center, 300 S Hawthorne Rd, Winston-Salem, NC 27103-2797.


Sept 14–17: **Clinical Electrophysiology: Cardiovascular Board Review**. Franklin Wyndham Hotel, Philadelphia, Pa. Sponsored by the American College of Cardiology. Inquiries: ACC, 9111 Old Georgetown Road, Bethesda, MD 20814-1699. Tel 800-257-4739 (outside United States and Canada, 301-897-2695).

Sept 14–18: **Cardiac Rehabilitation**. La Crosse, Wisconsin. Sponsored by the La Crosse Exercise and Health Program. Inquiries: John Porcari, PhD, La Crosse Exercise and Health Program, University of Wisconsin—La Crosse, 221 Mitchell Hall, La Crosse, WI 54601. Tel 608-785-8683.

Sept 15–17: **Introduction to Doppler Echocardiography**. Saint Louis University Medical Center, Saint Louis, Mo. Sponsored by the Saint Louis University Medical Center. Inquiries: Continuing Medical Education, School of Medicine, 1402 South Grand, Room 259, Saint Louis, MO 63104. Tel 314-577-8167. Fax 314-577-8214.

Sept 15–18: **Serotonin, From Cell Biology to Pharmacology and Therapeutics**. Houston, Tex. Sponsored by Baylor College of Medicine; Giovanni Lorenzini, Medical Foundation, and the American Society of Clinical Investigation. Inquiries: Mitzi Lipman, MD, cochairmen. Inquiries: Giovanni Lorenzini Medical Foundation, Baylor College of Medicine, Room 826E, One Baylor Plaza, Houston, TX 77030 (tel 713-797-0401 or fax 713-796-8853 [USA]) or Fondazione Giovanni Lorenzini (tel 39+2-783868-76002267 or fax 39+2-781511 [Europe]).


Sept 20–23: **Board Review Course on Cardiac Electrophysiology**. The Westin Oaks Hotel, Houston, Tex. Gerald V. Naccarelli, MD, course director. Inquiries: Cynthia Reed, 377 Elliot St, Newton Upper Falls, MA 01264. Tel 617-244-7300. Fax 617-244-3920.

Sept 20–23: **First International Conference on Dietary Assessment Methods: Assessing Diets to Improve World Health**. The Saint Paul Hotel, St Paul, Minn. Inquiries: Department of Professional Development and Conference Services, 210 Nolte Center, 315 Pillsbury Dr SE, University of Minnesota, Minneapolis, MN 55455-0139. Tel 612-625-3451. Fax 612-626-1632.


Sept 25–26: **Coronary Interventions: 1992**. Sheraton Grande Torrey Pines Hotel, La Jolla, Calif. Sponsored by Scripps Clinic and Research Foundation. Inquiries: Department of Academic Affairs, 403C,
Sessions of the Council for High Blood Pressure Research.


**Nov 4: 1992 Clinical Cardiac Electrophysiology Examination: American Board of Internal Medicine.** Multiple locations. Registration period: Jan 1–April 1, 1992. Inquiries: Registration Section, American Board of Internal Medicine, 3624 Market St, Philadelphia, PA 19104. Tel 800-944-2246 or 215-243-1500.

**Nov 5–8: Third Biennial Meeting of the International Society for Applied Cardiovascular Biology: Toward Application of Advances in Basic Cardiovascular Biology.** Saint Louis, Mo. Allan D. Callow, MD, PhD, Peter Libby, MD, and Steven P. Schmidt, PhD, meeting organizers. Abstracts by July 1, 1992. Inquiries: Office of Continuing Medical Education, Washington University School of Medicine, 600 S Euclid, Box 8063, Saint Louis, MO 63110-1093. Tel 800-325-9862 (within continental United States); 314-362-6893 (in Missouri and outside United States). Fax 314-362-1087.


**Dec 8–9: Transesophageal Echocardiography Course.** Saint Louis University Medical Center, Saint Louis, Mo. Sponsored by the Saint Louis University Medical Center. Inquiries: Continuing Medical Education, School of Medicine, 1402 South Grand, Room 259, Saint Louis, MO 63104. Tel 314-577-8167. Fax 314-577-8214.


**1993**

Feb 11–13: 18th International Joint Conference on Stroke and Cerebral Circulation. Fontainebleau Hotel, Miami Beach, Fla. Sponsored by the American Heart Association, Stroke Council. David G. Sherman, MD, program chairman. Inquiries: American Heart Association, Scientific and Corporate Meetings, 7272
Meetings Calendar

Greenville Ave, Dallas, TX 75231-4596. Tel 214-706-1511. Fax 214-373-3406.

March 14–18: **42nd Annual Scientific Session of the American College of Cardiology.** Anaheim, Calif. Inquiries: Meeting Services Department, American College of Cardiology, 9111 Old Georgetown Rd, Bethesda, MD 20814. Tel 800-253-4636 or 301-897-5400.


1994

March 13–17: **43rd Annual Scientific Session of the American College of Cardiology.** Atlanta, Ga. Inquiries: Meeting Services Department, American College of Cardiology, 9111 Old Georgetown Rd, Bethesda, MD 20814. Tel 800-253-4636 or 301-897-5400.


1995


Abroad

1992

March 30–April 3: Eighth World Conference on Tobacco or Health: Building a Tobacco-Free World. Buenos Aires, Argentina. Sponsored by the American Cancer Society, the Argentine Antitobacco Union, and the Latin American Coordinating Committee Against Smoking, and cosponsored by the American Heart Association. Inquiries: Secretariat/Eighth World Conference, c/o American Cancer Society, 1599 Clifton Rd NE, Atlanta, GA 30329. Tel 404-329-7575. Fax 404-325-2217.


April 12–16: Diagnostic Radiology Seminar 1992. Bora Bora Hotel, Bora Bora, Tahiti. Sponsored by the University of California School of Medicine at San Francisco. Inquiries: Radiology Postgraduate Education, Room C-324, University of California School of Medicine, San Francisco, CA 94143-0628. Tel 415-476-5731. Fax 415-476-9213.

April 22–25: Second International Symposium on Endothelium-Derived Vasoactive Factors. Basel, Switzerland. Inquiries: Thomas F. Lüscher, MD, Department of Internal Medicine, Division of Cardiology, University Hospital, Petersgraben 4, CH-4031, Basel, Switzerland.

May 8–9: Cellular Abnormalities Associated With Cardiomyopathies. Tokyo. Inquiries: Dr N. Takeda, Department of Internal Medicine, Jikei University, School of Medicine, Aoto 6-41-2, Katsushika-ku, Tokyo 125, Japan. Fax 81-3-3603-2234.


May 10–14: XIV World Congress of the International Society for Heart Research. The International Conference Center Kobe, Kobe, Japan. Inquiries: Secretariat of the XIV World Congress ISHR 1992, Department of Internal Medicine, Jikei University, School of Medicine, Aoto 6-41-2, Katsushika-ku, Tokyo 125, Japan. Fax 81-3-3603-2234.


May 16–17: Cellular and Molecular Mechanisms of Myocardial Ischemia/Reperfusion Injury. Beijing. Inquiries: Prof S. Chen, Division of Physiology, Fu Wai Hospital, Chinese Academy of Medical Science, Beijing, China.


May 22–23: Calcium Channels in Cell Membranes and Organelles. Milan, Italy. Sponsored by The Calcium Club, European Chapter; Institute of Pharmacological Sciences, Milan; and Fondazione Giovanni Lorenzini, Milan and Houston, Tex. Inquiries: Daniela Galli, Organizing Secretariat, The Institute of Pharmacological Sciences, University of Milan, Via G. Balzaretti 9, 1-20133 Milano, Italy.


May 31–June 3: Third International Conference on Cardiac Doppler-Echo and Color Flow Imaging. L bertas Hotel, Dubrovnik, Yugoslavia. Anthony N. DeMaria, MD, and Nikša Drinković, MD, conference directors. Official language: English. Inquiries: ICCD, Dr Nikša Drinković, Department of Cardiovascular Diseases, University Hospital Centre Brobro, Kišpatičeva 12, 41000 Zagreb, Yugoslavia. Tel 041-434-444 or 041-435-555. Fax 41-420-793.

May 31–June 4: Sixth Symposium on the Medical Application of Cyclotrons. Turku, Finland. Sponsored by the Turku Medical Cyclotron/PET Center. Inquiries: Uno Wegelius, Chairman of the Organizing Committee, Turku Medical Cyclotron/PET Center, Turku University Central Hospital, 20520 Turku, Finland. Tel INT+358-21-612770. Fax INT+358-21-318191.

June 8–12: New Trends in Management of Cerebrovascular Malformation. Verona, Italy. Inquiries: Dott Alberto Pasqualin, II Divisione Neurochirurgia, Ospedale Civile, 37100 Verona, Italy (tel +45-932553/932552 or fax +45-916790 [scientific secretariat]) or COGEST M&C, Via Carlo Cattaneo 24, 37121 Verona, Italy (tel +45-959790 or fax +45-959726 [organizing secretariat]).


June 11–13: Advances in Cardiopulmonary Imaging. Salzburg, Austria. Sponsored by The Johns Hopkins University School of Medicine and the European Association of Radiology. Inquiries: Program Coor-
Meetings Calendar

dinator, Johns Hopkins Medical Institution, Office of Continuing Education, Turner Building, 720 Rutland Ave, Baltimore, MD 21205. Tel 301-955-2959.

June 12: International Workshop on the Mechanisms of Angina in Patients With Normal Coronary Arteriograms. London. J.C. Kaski, MD, FESC, FACC, and W.J. McKenna, MD, FESC, FACC, organizers. Inquiries: Jill Williams, Postgraduate Manager, St George’s Hospital Grosvenor Wing, Blackshaw Road, London SW17 0QT, UK. Tel 081-672-1255, ext 57674. Fax 081-784-2674.


June 25-26: Secs & Craigie Conference on Brains, Capillaries, and Specialization. Jeanne Timmins Amphitheatre and McConnell Brain Imaging Centre, Montreal Neurological Institute, McGill University, Montreal, Canada. (Half-day specialty meeting: Crone Memorial Symposium on Imaging of Capillary Function in the Human Brain.) Albert Gjedde, MD, PhD, organizer. Inquiries: Dr Paul M. Gross, Neurosurgical Research Unit, Department of Surgery, Queen’s University, 146 Stuart Street, Kingston, Canada K7L 3N6. Tel 613-545-6464. Fax 613-545-6191.


June 25-28: 27th Meeting of the Canadian Congress of Neurological Sciences. Winnipeg Convention Centre, Winnipeg, Manitoba, Canada. Inquiries: Permanent Secretariat, Canadian Congress of Neurological Sciences, 810, 906-12 Avenue SW, Calgary, AB, Canada T2R 1K7. Tel 403-229-9544.


July 5-8: Fifth World Congress of Cardiac Rehabilitation. Bordeaux, France. Sponsored by the Scientific Council of the Section on Cardiac Rehabilitation of the International Society and Federation of Cardiology. Prof J.-P. Broustet, conference chairman. Inquiries: BCS, Palais des Congrèes de Bordeaux, 33300 Bordeaux-Lac, France. Tel +33-56-50-84-49. Fax +33-56-43-17-76.

July 6-10: The Ways of Fitness in Heart Disease. Bordeaux, France. Inquiries: J.-P. Broustet, MD, Hospital Car-
diologique, Haut-Leveque, 33604 Pessac, France.


Aug 30-Sept 3: XIVth Congress of the European Society of Cardiology. Palacio de Congresos, Barcelona, Spain. Inquiries: ECCO, 22, rue Juste Olivier, PO Box 299, CH-1260 Nyon, Switzerland (tel 41-22-62-13-77 and fax 41-22-61-16-79 until April 25, 1992; tel 362-13-77 and fax 361-16-79 after April 25, 1992) for exhibition/on-site meetings and general information; ECCO, Clararasse 57, PO Box 6, CH-4005 Basel, Switzerland (tel 41-61-691-51-11; fax 41-61-69181-89) for registration and abstract information.


Aug 31-Sept 1: Second International Workshop on Fatty Acid-Binding Proteins. Maastricht, The Netherlands. Sponsored by the Heart Metabolism Foundation. Dr J.F.C. Glatz and Prof Dr G.J. van der Vusse, organization committee. Inquiries: Fatty Acid-Binding Proteins Workshop, Department of Physiology, University of Limburg, PO Box 616, 6200 MD Maastricht, The Netherlands. Tel +31-43-888476. Fax +31-43-436080.


Sept 7-9: International Conference on Pulmonary Vascular Remodelling in Health and Disease. London. Inquiries: Dr Jill E. Bishop, Biochemistry Unit, National Heart and Lung Institute, Manresa Road, London SW3 6LR, UK. Tel 071-3518325. Fax 071-3518331.


Nov 4–6: First Egyptian International Pediatric Cardiology Conference. Cairo, Egypt. Organized by the Kasr El-Aini School of Medicine, Cairo, and The Children’s Memorial Hospital, Chicago. Hussien Kamel Bahaa El Din, president, D. Woodrow Benson Jr., honorary president, and Fadia Mahmoud, secretary general. Official language: English. Inquiries: Congress Service Centre, 14 Syria St, Mohandiseen, Giza, Egypt. Tel 3452596. Fax 3444429.


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May 16–20: Second International Symposium on Heart
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Failure—Mechanisms and Management. Geneva, Switzerland. Inquiries: Basil S. Lewis, MD, or Asher Kimchi, MD, cochairmen, International Society of Heart Failure, Inc., PO Box 35064, Los Angeles, CA 90035. Tel 310-659-5000. Fax 310-275-8922.


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Dec 18–22: Fifth International Conference on Noninvasive Cardiology. Tel Aviv, Israel. Richard Meltzer, Ronald Schwartz, Zvi Vered, codirectors. Inquiries: Kenes, POB 50006, Tel Aviv, Israel, 61500. Tel 972-3-654574. Fax 972-3-655574.

The American Heart Association welcomes news and meeting announcements of interest to physicians, researchers, and others concerned with cardiovascular and cerebrovascular medicine. All copy is reviewed by the Office of Scientific Affairs and may be edited for style, clarity, and length. Copy is due 90 days before publication and should be addressed to Brinlee Kramer, Editor, News From the American Heart Association, 7272 Greenville Avenue, Dallas, TX 75231-4596. Fax 214-691-6342.

American Heart Association Scientific Sessions

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