

American Heart  
Association®



Fighting Heart Disease and Stroke

# Basic Cardiovascular Sciences

**Council Newsletter**

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# AMERICAN HEART ASSOCIATION BASIC CARDIOVASCULAR SCIENCES

## NEWSLETTER MISSION STATEMENT

The Basic Cardiovascular Sciences Newsletter mission is as follows:

1. To promote communication and unity of purpose among the varied members of the Council on Basic Cardiovascular Sciences,
2. To promote communication between the Executive Committee and council members,
3. To disseminate information regarding research and educational activities, and
4. To promote initiatives for improved funding of research, education, and patient care.

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## EXECUTIVE COMMITTEE 2000-2001

Thomas H. Hintze, PhD	Valhalla, NY	Chair
Eduardo Marbán, MD, PhD	Baltimore, MD	Vice Chair
David G. Harrison, MD	Atlanta, GA	Immediate Past Chair, Council on Circulation; Co-Chair, Nominating Committee; Co-Chair, Program Committee
Gary L. Stiles, MD	Durham, NC	Immediate Past Chair, Council on Basic Science; Co-Chair, Nomination Committee
Ruth A. Altschuld, PhD	Columbus, OH	Newsletter Editor
Robert J. Bache, MD	Minneapolis, MN	Member-at-Large
C. William Balke, MD	Baltimore, MD	Member-at-Large
Bradford C. Berk, MD, PhD	Rochester, NY	Member-at-Large
William M. Chilian, PhD	Milwaukee, WI	Member-at-Large
Richard A. Cohen, MD	Boston, MA	Chair, Marcus Award Selection Committee
Brian D. Hoit, MD	Cleveland, OH	Member-at-Large
Seigo Izumo, MD	Boston, MA	Chair, Katz Award Selection Committee
Elizabeth Murphy, PhD	Research Triangle Park, NC	Member-at-Large
Charles E. Murry, MD, PhD	Seattle, WA	Member-at-Large
Elaine W. Raines, MS	Seattle, WA	Member-at-Large
Michael D. Schneider, MD	Houston, TX	Co-Chair, Program Committee; Member-at-Large
R. John Solaro, PhD	Chicago, IL	Member-at-Large
Mark B. Taubman, MD	New York, NY	Member-at-Large
Dorothy E. Vatner, MD	Danville, PA	Member-at-Large
Irving H. Zucker, PhD	Omaha, NE	Member-at-Large
Peter M. Spooner, PhD	Bethesda, MD	Liaison, NHLBI
JoAnn Perry	Dallas, TX	Manager, BCVS Council, AHA
George J. Hademenos, PhD	Dallas, TX	Staff Scientist, AHA

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# CHAIR'S REPORT

Thomas H. Hintze, PhD

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Just over one year ago the Councils on Circulation and Basic Sciences merged to form the Council on Basic Cardiovascular Sciences.

During that time, we have undertaken a number of initiatives to integrate the two former councils to position our Council within the American Heart Association and to give us a scientific purpose.

The most obvious initiative is the development of this Newsletter edited by Dr. Ruth Altschuld. This will be one of the ways we will communicate with membership. We hope this issue of the Newsletter will reach you in early- to mid-September.

If you have comments, ideas, or articles to submit, please contact Ruth at [Altschuld.2@osu.edu](mailto:Altschuld.2@osu.edu). Another method of communication we want to take full advantage of is the AHA Web page, [www.americanheart.org](http://www.americanheart.org). Drs. Roberto Bolli and James Downey will be our Web masters, and they are already at work creating a Web page. If you have any suggestions, please contact them at [rbolli@louisville.edu](mailto:rbolli@louisville.edu) or [jdowney@usmail.usouthal.edu](mailto:jdowney@usmail.usouthal.edu).

In addition to our own Web page, we will be communicating with the membership, including recruiting members for committees based on scientific expertise, through a Council membership database at AHA. It is, therefore, critical that you send your current, preferred e-mail address at work. It was startling to us to discover that less than 30% of council members at the AHA have up-to-date e-mail addresses on file. I am certain we can improve on this. Finally, we have developed an ad page to be used in *Circulation Research* and other AHA functions. The ad will be presented in both color and black and white and is shown on the last page of this newsletter as well as the cover. We hope that the ad reflects the new scientific direction of the Council and highlights our scientific mission.

The integration of the two councils seems to have been painless, somewhat exciting, and almost enjoyable. There is unanimity among the members of the

Executive Committee that the potential benefits of allying molecular biology and physiology/medicine as a developing approach to 21st century cardiovascular



medicine are already obvious. The next major step in the unification is a "Strategic Planning Process," which will be held for the Executive Committee, on September 24th in Washington, DC. This will coincide with a retreat organized by Dr. Lynn Smaha, former president of the AHA, to be held on the evening of the 24th and all day on the 25th for Executive Committee members from all the councils. If you have any suggestions for topics for discussion, please contact Tom Hintze ([Thomas\\_hintze@nycmc.edu](mailto:Thomas_hintze@nycmc.edu)).

A contentious issue that came up during the discussion about merging the two councils was that of fellowship. At that time, the issue was tabled and has not yet reared its ugly head. At the May meeting of the council chairs, the Council on Clinical Cardiology was given permission to develop a program called "Fellow of the American Heart Association" to be designated FAHA. This will be an American Heart Association-wide title that all of the councils can use. Two levels of recognition are envisioned. Both titles will be dependent upon some level of participation in the Heart Association, perhaps abstracts, published papers, committee participation, etc. In addition, for a Fellow's title some standards will have to be developed by our Council; for Clinical Cardiology the standards may include Board certification and evidence of scholarly activity. The second designation will be the title of "Distinguished Fellow." Other criteria will have to be developed, but, obviously, this would recognize some major achievement. Our Council has two issues to address in this context: (1) do we want to participate at all and (2) what standards would we set for Fellows and Distinguished Fellows? The Executive Committee feels that the decision should be a democratic one but should be made expedi-

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tiously. This will be a topic for evaluation by our Executive Committee in September, and we value your input. If we participate, we will have to form a credentials committee that will make recommendations to the AHA, perhaps to the Committee on Scientific Councils for approval of the designations. The initials FAHA or, I suspect, DFAHA could be used at the end of our titles and for professional purposes.

Our most visible function as a Council is our presence at the AHA meeting in November, this year to be held in New Orleans. There are a number of initiatives at that meeting that are important to the Council. The first is the Young Investigator symposium to be held on Saturday. We have committed a substantial amount of Council funding to support this symposium, and we need everyone's participation. We need you to add energy and scientific credibility to the Young Investigator program and to help recruit young investigators into our Council. If you are coming to the AHA meeting on Saturday to get a Saturday night stayover, please attend the Young Investigators' meeting. Funds to support this meeting will also come from a tax of sorts on the Sunday Morning Sessions. Because of the high priority to attract young investigators into the AHA, the Committee on Scientific Councils approved a motion at the May meeting to allot \$68,000 from all councils' income from the Sunday Program to support this meeting. Our Council's portion will be \$6,000 to 8,000.00. Our income from the Sunday sessions is now dependent entirely on attendance at the programs sponsored by our Council. There is no longer a separate admission fee because it is included in the registration. Please make every effort to attend the council-sponsored programs.

Another important innovation at this year's meeting, the brainchild of Michael Schneider and supported by Bob Bonow, is the beginning of the "Late Breaking Basic Science" session. For many years one Plenary Session at the November meeting has been reserved until the last minute for a late-breaking clinical trial. This year as a pilot from our council, the program will include late-breaking basic science, the newest, hottest and most recent science. The abstracts were due in August and will appear on the program in November. Solicitation for abstracts

was from our Council alone and was via e-mail; if we didn't have your e-mail address you could not participate. This will also be true for other solicitations in the future. A review process has been developed, and a topic "Linking Genes to Function in the Heart and Vasculature" to make the session thematically uniform has been chosen. It is important that our membership attend. As the American Heart Association moves towards greater computer-based program development and evaluation, this type of innovation will become more common. Congratulations to Michael Schneider.

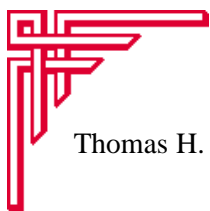
Finally, in regards to other Council-initiated scientific meetings, we will hold our first "18-month meeting," the remnant of the joint meetings of the two old councils, in August 2001. Quickly, we envision this becoming a yearly event. This meeting will be held jointly with the Council on Clinical Cardiology, and the topic will be the "Ischemic Heart." The meeting is being organized by Dr. Mark Taubman from our Council and Dr. Jerry Pohost from the Council on Clinical Cardiology. Joint sessions sponsored by the two councils will be featured along with concurrent sessions highlighting the interests of each council. We expect that the program will have a number of sessions reinforcing the utility of translational biology. The venue for the meeting has not been decided but will most likely be around Salt Lake City. Importantly, registration will be very limited (500-800 attendees depending upon the venue, evenly divided between the two councils). Therefore, it will be important to register early. A Young Investigator Competition will be held as in previous meetings. This year's sponsor is Pfizer, Inc.

To my way of thinking, the most exciting initiative that we have undertaken in the past year is the development of an Emphasis Panel on the integration of molecular medicine into the AHA. The emphasis panel was approved in May and we will now move to recruit members and set an agenda. Eduardo Marbán and I will be the chairs and we will recruit members from all of the councils. Despite the initial inertia surrounding this proposal, once our purpose was more clearly defined, there was enthusiastic support to the point that this panel will be sponsored by all of the overseeing Science Committees at the

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AHA including Basic Science, Clinical Science, and Population Science. Much work behind the scenes, maneuvering within the structure of the AHA, and overall enthusiasm for this project were provided by Dr. George Hademonos. This, along with his continued participation, is greatly appreciated. One misconception in other councils was that this Emphasis

Panel was an attempt by us to control the development of molecular medicine in individual councils at the AHA. Quite the contrary, this initiative will give us a unified voice (the 600-pound gorilla) at the AHA that can be used to create funding and educational and scientific programs. For the Emphasis Panel to be the success that it deserves to be, we will need the creative energy of the members of our Council and all of the other participating councils.



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# FROM THE EDITOR

*Ruth Altschuld, PhD*

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**W**elcome to the first edition of the Council on Basic Cardiovascular Sciences Newsletter. Those who were members of the old Basic Science Council might remember that Ann Goldstein and I edited that newsletter for a number of years. My term as editor ended at the same time the two councils merged in June 1999. Believe me, it felt something akin to rotating off study section. Unfortunately, a year passed and there was no newsletter to describe the exciting things happening with our combined new council.

This past spring, Eduardo Marbán and Tom Hintze persuaded me to again dust off those skills I should have learned in high school journalism and become your newsletter editor. Maybe this time I'll get it right.

There were some trying moments editing the Basic Science Council Newsletter. The first time I covered the Katz Prize competition, I asked each of the 4 finalists to bring a lay research summary and a photograph to the awards banquet. These and a copy of the program were very carefully placed in an envelope, sealed, and securely filed away. Lo and behold, when I opened the envelope several months later, there were 5—not 4—photos, none with labels. AHA staffer Leslie Austin and I eventually identified the 4 finalists, but to this day, no one has identified the mystery lady in picture #5.

After that near-disaster I remembered to write a detailed description of each finalist on the program, circle the winner's name, and write a name on the back of each photo. Over the years, my descriptions came in handy; not every finalist remembered to bring a picture or send one later, as promised. AHA



staff carefully cropped group photos to come up with some of the portraits, and yours truly patched together some of those lay research summaries by paraphrasing from the abstracts and presentations.

Things got much easier with the advent of the Internet and improvements in electronics and computer software. Lay research summaries are now e-mailed as Word files and the photos as JPEG files. Aside from the occasional pesky virus or crash, personal computers and the Internet definitely have made life easier for this editor.

AHA and your Council are handling more and more business electronically, too. Abstracts are submitted and graded on-line. AHA journals and newsletters are on the Web. Registration and housing confirmations for the upcoming AHA meeting were sent by e-mail, and you probably have an electronic airline ticket for New Orleans. Manuscript reviews are done on-line. (Does anyone remember those awful printed reviewer forms from *Circulation* and *Circulation Research* and how horrid they looked after going through a laser printer?) And as Tom Hintze mentioned in the Chair's Report, the request for late-breaking basic science to be presented at the AHA National Meeting was sent by e-mail. We all hate SPAM, and we're hesitant to give out our e-mail addresses to just anyone. But we need your e-mail address to keep you informed of late-breaking Council and AHA news. Please send me your e-mail address and I'll see that it gets into the Council's database. You might also wish to send suggestions for this new Newsletter. Again, that address is Altschuld.2@osu.edu. Thanks.

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# LOUIS N. AND ARNOLD M. KATZ BASIC SCIENCE RESEARCH PRIZE FOR YOUNG INVESTIGATORS

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This prestigious award is named for two eminent physician-scientists and teachers committed to support of the young investigator, the late Louis N. Katz and his son Arnold M. Katz. The prize was originally named for Dr. Louis Katz but was renamed in 1995 to reflect the continuing outstanding contributions of Dr. Arnold Katz to the medical and research communities and to the American Heart Association.

This year's Katz Prize Committee was chaired by Dr. Seigo Izumo. The competition will be held Sunday, November 12, at 3:45 PM, in the Ernest N. Morial Convention Center, Room 343-345. The prize will be awarded at the Council's Annual Reception and Business Meeting at the New Orleans Hilton Riverside Hotel, on Tuesday, November 14, during the AHA's Annual Scientific Sessions.

This year's Katz Prize finalists are:

**Tatiana V. Byzova, PhD**

Molecular Cardiology  
Cleveland Clinic Foundation

**John L. Lehman, MD**

Center for CV Research  
Washington University  
School of Medicine

**Vinciane Gaussin, PhD**

Cellular and Molecular Physiology  
Penn State College of Medicine  
Weis Center for Research

**David Ethan Gutstein, MD**

Mount Sinai School of Medicine

**Judith Haendeler, PhD**

Center for Cardiovascular Research  
University of Rochester

## Past Recipients of The Katz Prize

1969	Eric O. Feigl, MD
1970	W. Ray Gibbons, MD
1971	Carlos G. DosRemedios, PhD
1972	Joanne S. Ingwall, PhD
1973	Brian Safer, MD
1974	Chin Ok Lee, PhD
1975	Kent Hermsmeyer, PhD
1976	Rick V. Hay, PhD, MD
1977	Lawrence Chan, MD
1978	Larry F. Lemanski, PhD
1979	W. Gil Wier, PhD
1980	Kai Sing Lee, PhD Eric Oldfield, PhD
1981	Michael E. Neshiem, PhD
1982	Alan W. Everett, PhD
1983	John A. Bittl, MD Gary L. Stiles, MD
1984	Kathleen Sweadner, PhD
1985	David W. Russell, PhD
1986	Roy L. Silverstein, MD Ruth H. Strasser, MD
1987	Makoto Inui, MD, PhD
1988	Seigo Izumo, MD
1989	Michael Bevilacqua, MD, PhD
1990	Glenn I. Fishman, MD
1991	Nigel Mackman, PhD
1992	Ulla G. Knaus, PhD
1993	Jean E. Schaffer, MD
1994	Toshisuke Morita, MD, PhD
1995	Jun-ichi Sadoshima, MD, PhD
1996	Jeffrey Balser, MD, PhD
1997	Daniel Garry, MD, PhD
1998	Peter Snyder, MD
1999	Jeffery D. Molkentin, PhD

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# MELVIN L. MARCUS YOUNG INVESTIGATOR AWARD IN CARDIOVASCULAR SCIENCE

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## Past Recipients of the Marcus Prize

1989	David Kass, MD
1990	Christian G. Brilla, MD, PhD
1991	Masafumi Kitakaze, MD, PhD
1992	Elazer R. Edelman, MD, PhD
1993	Adrian James Brendan Brady, MD
1994	David J. Pinsky, MD
1995	John S. Ikonmidis, MD
1996	Roger J. Hajjar, MD
1997	Daniel F. Pauly, MD, PhD
1998	Karla Kurrelmeyer, MD
1999	Christophe Depre, MD, PhD

The Melvin L. Marcus Award was established by the Council on Circulation in 1989 to recognize outstanding endeavors by new investigators in research activities and to encourage continued biomedical research careers broadly related to cardiovascular function and diseases, including basic science, integrated physiology, and clinical problems.

This year's Marcus Award Prize Committee was chaired by Richard Cohen, and the competition will be held Monday, November 13, at 8:30 AM, in the Ernest N. Morial Convention Center, Room 343-345. The prize will be awarded at the Council's Annual Reception and Business Meeting at the New Orleans Hilton Riverside Hotel, on Tuesday, November 14, during the AHA's Annual Scientific Sessions.

This year's Marcus Award finalists are as follows:

### **Masanori Asakura, MD**

Department of Internal Medicine & Therapeutics  
Osaka University Graduate School of Medicine

### **Zheng-Gen Jin, PhD**

Medicine/Cardiology  
University of Rochester

### **Hideko Kasahara, MD, PhD**

Cardiovascular Division  
Beth Israel Deaconess Medical Center  
Harvard Medical Center

### **Jiang-Yong AUn, MD**

Cardiology  
Beth Israel Deaconess Medical Center

### **Hidemasa Oh, MD, PhD**

Center for Cardiovascular Development  
Baylor College of Medicine



**Jeffery D. Molkentin, PhD**

**1999 KATZ PRIZE WINNER**

Dr. Jeffery Molkentin received his PhD from the Medical College of Wisconsin in 1994 under the supervision of Dr. Bruce Markham. He then received postdoctoral training with Dr. Eric Olson at the MD Anderson Cancer Center and University of Texas Southwestern Medical Center at Dallas. In 1997 Dr. Molkentin became Assistant Professor in the Department of Pediatrics at Children's Hospital Medical Center in Cincinnati.

Dr. Molkentin's research has focused on the regulation of cardiac hypertrophy by the calcium-sensitive phosphatase, calcineurin. In his Katz Prize presentation, Dr. Molkentin reported that adenoviral transfection with a gene encoding a noncompetitive peptide inhibitor of calcineurin (Cain) attenuated hypertrophy and sarcomeric organization in cultured neonatal cardiomyocytes in response to angiotensin II, phenylephrine and 1% serum. These results were similar to those found with the calcineurin antagonist, cyclosporine. The results support the hypothesis that calcineurin is a regulator of cardiac hypertrophy and that the inhibitory drugs Cyclosporin A and FK506 attenuate hypertrophy by specifically inhibiting calcineurin.



**Christophe Depre, MD, PhD**

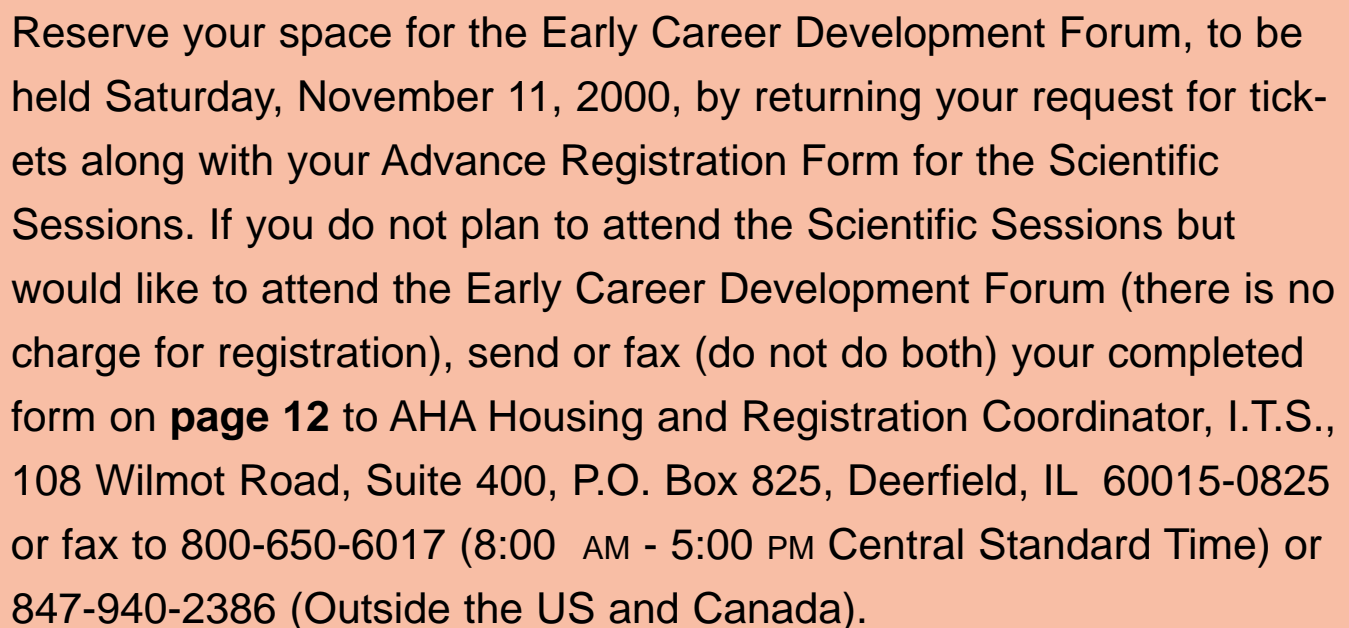
**1999 MARCUS PRIZE WINNER**

Dr. Christophe Depre obtained an MD degree from the University of Louvain (Brussels, Belgium) in 1991. He then completed a PhD program in Biochemistry at the International Institute of Cellular and Molecular Pathology under the supervision of Dr. L. Hue. Using the isolated working heart model, he studied the regulation of cardiac glycolysis during ischemia/reperfusion and the role of nitric oxide and cyclic GMP in the utilization of glucose by the heart. During his clinical training in cardiology, Dr. Depre also worked on the metabolism and ultrastructure of human hibernating myocardium under the supervision of Drs. J. Melin and J.L. Vanoverschelde. In 1997, he started a post-doctoral fellowship in Dr. H. Taegtmeyer's laboratory at the University of Texas Houston Medical School. His project was focused on the regulation of the expression of genes controlling cardiac metabolism and function in different workload conditions. This study showed that cardiac unloading recapitulates the fetal gene program of cardiac hypertrophy. The similarity of the genomic adaptation in these reciprocal loading conditions is related to a similar activation of calcium-regulated signaling pathways. Dr. Depre is now Assistant Professor in the laboratory of Dr. Stephen F. Vatner. His research remains focused on the regulation of the expression of genes involved in cardiac metabolism and function in different pathophysiological conditions, including post-ischemic ventricular dysfunction, hibernation and heart failure.

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**Send your e-mail address to  
Altschuld.2@osu.edu.  
so we can keep you  
apprised of  
late-breaking news.**



Reserve your space for the Early Career Development Forum, to be held Saturday, November 11, 2000, by returning your request for tickets along with your Advance Registration Form for the Scientific Sessions. If you do not plan to attend the Scientific Sessions but would like to attend the Early Career Development Forum (there is no charge for registration), send or fax (do not do both) your completed form on **page 12** to AHA Housing and Registration Coordinator, I.T.S., 108 Wilmot Road, Suite 400, P.O. Box 825, Deerfield, IL 60015-0825 or fax to 800-650-6017 (8:00 AM - 5:00 PM Central Standard Time) or 847-940-2386 (Outside the US and Canada).

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## Early Career Development Forum

Last/Family name \_\_\_\_\_ First/given name \_\_\_\_\_ MI \_\_\_\_\_  
Hospital/Institution \_\_\_\_\_  
Street Address \_\_\_\_\_  
Business \_\_\_ Home \_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Country \_\_\_\_\_ Zip/Postal Code \_\_\_\_\_  
Phone \_\_\_\_\_ Fax \_\_\_\_\_  
AHA Membership No. \_\_\_\_\_ E-mail address \_\_\_\_\_

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The American Heart Association is pleased to announce an exciting new opportunity for fellows and junior faculty being held at Scientific Sessions 2000 in New Orleans on Saturday, November 11. The Early Career Development Forum is a program designed specifically for investigators in early stages of their careers to network with other investigators, build relationships, develop career paths and take advantage of opportunities to interact with more established senior investigators.

We would like to take this opportunity to ask you to pass the information about this program along to fellows and junior faculty in your program and encourage them to attend.

The Forum program is complimentary and will be held in the Grand Ballrooms of the New Orleans Hilton Hotel on Saturday, November 11, starting with a Luncheon at 11:30 AM and ending at 5:00 PM. The program will be followed with a reception and scientific council sponsored abstract presentations at 5:30 PM.

Dr. Eugene Braunwald will launch the Forum with a welcome keynote lecture, and Dr. Valentin Fuster will conclude the general discussion with a discussion on academic career decision making. Other speakers will address topics such as finding mentors, writing grants, and career development. There will be breakout sessions on career pathways and funding opportunities for basic and clinical investigators.

### Program

- 11:30 – 1:00 PM** Lunch  
**12:30 – 1:00 PM** You and Your Affiliate  
**1:00 – 3:00 PM** General Session  
1:00 – 1:15 PM Introductory Remarks  
1:15 – 1:45 PM Special Guest Speaker (Dr. Eugene Braunwald)  
1:45 – 3:00 PM Career Development Lectures  
1:45 – 2:00 PM How to Choose a Mentor: The Best Step to a First-rate Training Experience  
2:00 – 2:15 PM How to Lose a Mentor: The First Step to Independence  
2:15 – 2:30 PM Yours, Mine, and Ours: Attribution Versus Ownership of Data and Intellectual Property  
2:30 – 3:00 PM As a Cardiovascular Fellow, Should I Pursue an Investigative Career (Dr. Valentin Fuster)
- 3:00 – 3:15 PM** Break  
**3:15 – 5:00 PM** Breakout Sessions  
1) Basic Cardiovascular Science (MD, PhD, MD/PhD)  
a) Career Pathways: Timeline from training to independence  
b) AHA funding opportunities for basic cardiovascular research  
c) NIH funding opportunities for basic cardiovascular research  
d) Genetic technology and scientific integrity  
2) Clinical Cardiovascular Science (MD)  
a) Career Pathways: Timeline from training to independence  
b) AHA funding opportunities for clinical cardiovascular research  
c) NIH funding opportunities for clinical cardiovascular research  
d) The double-edged sword: Human subjects in clinical research
- 5:30 – 6:30 PM** Cocktail and Social Hour  
**6:30 – 8:00 PM** Council-Specific Young Investigator Programs  
6:30 – 7:45 Council on Clinical Cardiology Samuel A. Levine Young Investigator Awards Competition  
6:30 – 8:00 Council on Arteriosclerosis, Thrombosis, and Vascular Biology Young Investigator Poster Viewing  
6:30 – 8:00 Council on Basic Cardiovascular Sciences Young Investigator Poster Viewing  
6:30 – 8:00 Council on Cardio-Thoracic and Vascular Surgery “Meet the Experts” Poster Viewing  
6:30 – 8:00 Council on Cardiovascular Nursing New/Young Investigator Poster Viewing

**PLEASE  
NOTE**

**Register on-site 8 AM to 11 AM Hilton Riverside Hotel, Grand Ballroom.**

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## IN MEMORIAM

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**Dr. Eva J. Neer**, who shared AHA's Basic Research Prize in 1996 with Dr. David E. Clapham, and who delivered the Thomas W. Smith Memorial Lecture in 1998, died February 20 from

complications of breast cancer.

Dr. Neer was born in Warsaw in 1937 and grew up in Manhattan. She was an alumna of Radcliffe College, Barnard College, and Columbia University's College of Physicians and Surgeons. Dr. Neer joined the faculty of Harvard Medical School in 1979. She spent much of her professional career in the Cardiovascular Unit at Brigham and Women's Hospital (BWH) in Boston, becoming the first female Professor of Medicine at BWH.

Dr. Neer was a member of the National Academy of Sciences, the Institute of Medicine, a

Fellow of the American Academy of Arts and Sciences, and an advisor to NHLBI. The recipient of an NIH MERIT award, her research focused on understanding the molecular basis for cellular responses to external signals and analyzing the structure and function of G-protein complexes. An important and at first controversial but now widely accepted outcome was the recognition that G-protein  $\beta\gamma$  subunits play a significant role in cell signaling.

### Deceased:

**Arthur Mu-En Lee, PhD**

Brigham & Women's Hospital, Boston, MA  
Member of the Basic Cardiovascular Sciences Council and volunteer of the American Heart Association.

**FPO: PLACE B& W AD HERE  
(INCLUDED WITH THIS DISKETTE)**

# We Want YOU To Become a Member

## Council on Basic Cardiovascular Sciences

The goals of this council are to promote research and education and to improve our understanding of mechanisms of basic cardiovascular regulation to support the development of new therapies and insights into the development of clinical cardiovascular disease. Special emphasis will be placed on the problems relating to functional genomics, cell signaling, myocardial biology, circulatory physiology, pathophysiology, and peripheral vascular disease.

This council plays a major role in linking basic science to clinical science and is concerned with the advancement and application of knowledge derived from basic science to the patient. The council strives to be inclusive and has brought together scientists from a broad range of disciplines, including anatomy, biochemistry, cellular and developmental biology, molecular biology, pharmacology, pathology microbiology, physiology and biophysics, and clinical medicine. Our efforts will result in a

better understanding of the diagnosis, treatment, and prevention of cardiovascular disease.

Members receive the following benefits and opportunities:

- Reduced registration to our annual Scientific Sessions and other council-sponsored meetings
- 25% discount on subscriptions to American Heart Association scientific journals
- Newsletters with updates on council activities and issues of interest to members
- Access to on-line membership/expertise directory, bulletin boards, and council home pages
- Opportunities to apply for council-sponsored scholarships and travel stipends

Don't delay. Join today!

For only \$30 you become a member of the American Heart Association at the National level!

**Yes! I want to become a member of the Council on Basic Cardiovascular Sciences.**

Name \_\_\_\_\_ Degree \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip/Postal Code \_\_\_\_\_ Country \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_ E-mail \_\_\_\_\_

Month/Year of Birth \_\_\_\_/\_\_\_\_ Gender  (M)  (F) Specialty \_\_\_\_\_

Race/Ethnicity:  Alaskan Native  American Indian  Asian or Pacific Islander  African American  Hispanic  White

% of time spent (=100%) Student\_\_\_\_ Research\_\_\_\_ Administration\_\_\_\_ Teaching\_\_\_\_ Clinical\_\_\_\_

Other (specify) \_\_\_\_\_

**Method of Payment:**

- Bill Me (membership will not be activated until payment has been received)
- Check or money order enclosed (payable to the American Heart Association drawn on US bank in US dollars)
- MasterCard  Visa  American Express  Discover

Card Number \_\_\_\_\_ Expiration Date \_\_\_\_\_

Total payment \$ \_\_\_\_\_

Signature as it appears on the card \_\_\_\_\_

Please mail completed form to  
**American Heart Association, Council Services**  
 7272 Greenville Ave, Dallas, TX 75231  
 Or fax to 214-691-6342  
**Questions? Please contact Paige Walker 214-706-1371 or e-mail PaigeW@Heart.org**

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# CALENDAR OF UPCOMING EVENTS

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Upcoming conferences that should be of interest to Council members are shown below. Meetings sponsored by the AHA and the various AHA Councils and those sponsored by other societies are included.

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## AHA SCIENTIFIC CONFERENCES

### September 16-17, 2000

Assessing and Modifying the Vulnerable Atherosclerotic Plaque

Marriott East Side, New York, NY

Sponsored by Vascular Lesions Committee of the Council on Arteriosclerosis, Thrombosis and Vascular Biology, and the Councils on Clinical Cardiology and Cardiovascular Radiology

### October 24-27, 2000

54th Annual Fall Conference and Scientific Sessions of the Council for High Blood Pressure Research  
Omni Shoreham, Washington, DC

### November 8-11, 2000

Jackson Cardiovascular Renal Meeting, Jackson, MS  
Cosponsored by the AHA Council for High Blood Pressure Research  
Tel: 601) 984-1801; Fax: 601) 984-1817

### November 12-15, 2000

73rd Scientific Sessions, New Orleans, LA  
Tel: (214) 706-1543; Fax: (214) 706-5262

### January 18-20, 2001

Prevention VI Conference: Diabetes  
Cosponsored by the American Heart Association's Population Science Committee and Clinical Science Committee, The Rosen Centre Hotel, Orlando, FL

### January 24-27, 2001

Scientific Conference on Therapeutic Angiogenesis and Myocardial Laser Revascularization in Coronary Artery Disease  
Sponsored by the AHA's Councils on Clinical Cardiology and Basic Cardiovascular Sciences  
La Fonda, La Posada, Hotel Loretto, Santa Fe, NM

### February 14-16, 2001

26th International Stroke Conference  
Ft. Lauderdale Convention Center, Ft. Lauderdale, FL

### February 28-March 3, 2001

41st Annual conference on Cardiovascular Disease Epidemiology and Prevention  
Marriott Rivercenter, San Antonio, TX  
Sponsored by the Council on Epidemiology and Prevention

### September 22-25, 2001

55th Annual Fall Conference and Scientific Sessions of the Council for High Blood Pressure Research  
Hyatt Regency Chicago, Chicago, IL

### November 11-14, 2001

74th Scientific Sessions, Anaheim, CA  
Tel: (214) 706-1543; Fax: (214) 706-5262

### February 7-9, 2002

27th International Stroke Conference  
Henry B Gonzalez Convention Center, San Antonio, TX

### April 24-26, 2002

1st Annual Pacific Scientific Forum  
Hawaii Convention Center, Honolulu, Hawaii

### September 25-28, 2002

56th Annual Fall Conference and Scientific Sessions of the Council for High Blood Pressure Research  
Walt Disney World Resort, Orlando, FL

## Inquiries for all AHA Scientific Sessions and Conferences:

American Heart Association  
Meetings and Councils  
7272 Greenville Avenue  
Dallas, TX 75231  
Tel: 214-706-1543, Fax: 214-373-3406  
E-mail: scientificconferences@amhrt.org

## OTHER MEETINGS WITHIN THE US

### October 11-16, 2000

American Society of Nephrology Renal Week and 33rd Annual Meeting and Science Expo, Toronto, Canada  
Tel: (202) 857-1190

## INTERNATIONAL MEETINGS

### September 6-10, 2000

XIth International Vascular Biology Meeting  
Geneva, Switzerland  
Tel: 41 22 345 3600

### March 26-30, 2001

Inter-American Society of Hypertension  
Santiago, Chile  
Tel: (502) 585-3714

## Council on Basic Cardiovascular Sciences Membership Survey

**Please print information below:**

Name \_\_\_\_\_ Degree \_\_\_\_\_  
 Title \_\_\_\_\_  
 Institution \_\_\_\_\_  
 Department \_\_\_\_\_  
 Address \_\_\_\_\_  
 \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Postal Code \_\_\_\_\_  
 Country \_\_\_\_\_ Phone: \_\_\_\_\_ Fax \_\_\_\_\_  
 E-Mail: \_\_\_\_\_

\_\_\_ **PHYSICIAN/MD** \_\_\_ **SCIENTIST/PHD** \_\_\_ **NURSE**

\_\_\_ Biochemistry  
 \_\_\_ Cellular/Molecular Biology/Genetics  
 \_\_\_ Endocrinology/Diabetes  
 \_\_\_ Microbiology/Immunology/ Infectious Diseases

\_\_\_ Pharmacology  
 \_\_\_ Physiology/Biophysics  
 \_\_\_ Vascular Biology & Medicine  
 \_\_\_ Physiology  
 \_\_\_ Other (specify) \_\_\_\_\_

\_\_\_ **Young Investigator** (less than 4 years since first full-time faculty/staff appointment at assistant professor level or equivalent) Year of first appointment \_\_\_\_\_

The following information is optional and will not be used for any purpose other than to provide the AHA with statistical information concerning the level of participation by women and minorities in its programs.

Male  
 Female

\_\_\_ African American  
 \_\_\_ Alaskan Native  
 \_\_\_ American Indian  
 \_\_\_ Asian  
 \_\_\_ Caucasian  
 \_\_\_ Hispanic  
 \_\_\_ Pacific Islander  
 \_\_\_ Other (specify) \_\_\_\_\_

**Percent of time spent in each of the following:**

\_\_\_ Administration  
 \_\_\_ Patient Care  
 \_\_\_ Research  
 \_\_\_ Teaching  
 \_\_\_ Other (specify) \_\_\_\_\_

**Past AHA Involvement:**

Local Level \_\_\_\_\_  
 Affiliate Level \_\_\_\_\_  
 National Level \_\_\_\_\_

**Current AHA Involvement:**

Local Level \_\_\_\_\_  
 Affiliate Level \_\_\_\_\_  
 National Level \_\_\_\_\_

**INTEREST IN SERVING AT THE NATIONAL LEVEL IN THE FOLLOWING CAPACITIES:**

\_\_\_ Grading abstracts for stroke conference/scientific sessions  
 \_\_\_ Peer reviewing research grant applications  
 \_\_\_ Participating in writing groups  
 \_\_\_ Planning scientific conferences  
 \_\_\_ Chairing sessions at national meetings  
 \_\_\_ Serving on Council committees/task forces

**SPECIFIC AREAS OF EXPERTISE (Check up to 5.)**

**BASIC SCIENCE**

\_\_\_ Angiogenesis  
 \_\_\_ Antithrombotic treatment, experimental  
 \_\_\_ Apoptosis  
 \_\_\_ Autonomic, reflex and neurohumoral control of circulation  
 \_\_\_ Cardiac development  
 \_\_\_ Cardiac morphogenesis  
 \_\_\_ Cardiac structure/function  
 \_\_\_ Cardiorenal physiology/pathophysiology  
 \_\_\_ Cell and developmental biology  
 \_\_\_ Cellular aspects of excitation/contraction coupling  
 \_\_\_ Cellular electrophysiology/electropharmacology  
 \_\_\_ Coagulation/anticoagulation  
 \_\_\_ Coronary circulation  
 \_\_\_ Electrophysiology  
 \_\_\_ Endothelium & vascular tone  
 \_\_\_ Experimental myocardial infarction  
 \_\_\_ Gene expression/molecular biology  
 \_\_\_ Genetically engineered models of human disease  
 \_\_\_ Growth factors, cytokines, signal transduction  
 \_\_\_ Human genetics  
 \_\_\_ Hypertrophy, failure, remodeling of the heart

\_\_\_ Integrative cardiovascular biology  
 \_\_\_ In-vivo gene transfer: experimental  
 \_\_\_ Ion channels and membrane transporters  
 \_\_\_ Lipid and lipoprotein metabolism: basic and cellular  
 \_\_\_ Mechanisms of atherosclerosis  
 \_\_\_ Myocardial energetics /intermediary metabolism  
 \_\_\_ Myocardial structure and pathology  
 \_\_\_ Oxidant stress  
 \_\_\_ Protection of ischemic myocardium  
 \_\_\_ Pulmonary circulation and respiratory processes  
 \_\_\_ Physiology  
 \_\_\_ Plaque rupture  
 \_\_\_ Platelets and biology of hemostasis  
 \_\_\_ Proliferation, remodeling, extracellular matrix, apoptosis  
 \_\_\_ Receptor pharmacology  
 \_\_\_ Regional circulation/microcirculation  
 \_\_\_ Regulation of blood coagulation and fibrinolysis  
 \_\_\_ Vascular biology  
 \_\_\_ Ventricular function/mechanics  
 \_\_\_ Other (specify) \_\_\_\_\_

**CLINICAL SCIENCE**

\_\_\_ Adult congenital heart disease  
 \_\_\_ Cerebrovascular disease/stroke  
 \_\_\_ Heart failure mechanisms  
 \_\_\_ Human genetics of cardiovascular disease  
 \_\_\_ Hypertension: clinical and experimental  
 \_\_\_ Infectious cardiac diseases  
 \_\_\_ Ischemic heart disease: chronic  
 \_\_\_ Lipid disorders and lipoprotein metabolism  
 \_\_\_ Lung injury and critical care  
 \_\_\_ Pediatric and congenital heart disease  
 \_\_\_ Peripheral vascular and thoracic aortic disease  
 \_\_\_ Physiological aspects  
 \_\_\_ Valvular heart disease  
 \_\_\_ Valvular heart disease/infective endocarditis  
 \_\_\_ Ventricular function/hemodynamics/hypertrophy  
 \_\_\_ Other (specify) \_\_\_\_\_

Please Fax to: 214/691-5262 or Mail to: Rae Trevathan-Arwood  
 American Heart Association  
 7272 Greenville Avenue  
 Dallas, TX 75231

Or log in to the Council Membership Directory and update this information on-line  
[www.ahajournals.org](http://www.ahajournals.org). Use your membership number to access the directory

## AN INVITATION TO JOIN THE INTERNATIONAL SOCIETY FOR HEART RESEARCH

The ISHR strives to promote the advancement of cardiovascular biology and medicine through the publication of the *Journal of Molecular and Cellular Cardiology* as well as the Society newsletter *Heart News and Views* and by organizing regular national and international conferences. The society is composed of six Sections, each of which holds an annual meeting, the details of which are published in the Journal. Every three years all Sections meet for the World Congress (the next will be in Winnipeg on July 6-11, 2001). Applications for membership may be made through any Section but the Section covering your geographical region is recommended. Membership is open to any individual (with or without MD or PhD) who is actively interested in any aspect of experimental or clinical research in the cardiovascular system. Advantages of membership include:

- Reduced registration fee at Section Meetings and World Congresses (this alone more than pays for the annual membership fee).
- Reciprocal membership privileges with other ISHR sections.
- Reduced personal subscription rates to the *Journal of Molecular and Cellular Cardiology* (this also, in itself, more than pays for the membership fees).
- Free subscription to the ISHR bulletin, *Heart News and Views*.
- Eligibility for the Peter Harris Award, the Research Achievement Award, the Richard Bing Young Investigator Award, and Travel Awards at World Congresses.
- Eligibility for the newly-established Fellowship of the ISHR (a distinction bestowed to a select number of outstanding scientists, with the limit now set at 50 for 2001).
- Being listed in the worldwide ISHR membership directory.

To join the ISHR simply check the On-line Member Form ([www.ishrworld.org](http://www.ishrworld.org)) or complete the form below and send it to the Section of your choice together with the appropriate fee in the currency specified:

Family Name.....First Name.....Middle Initial.....

Preferred Salutation (Dr., Prof., Mr., Ms., etc.).....Sex (M/F).....Degree.....

Clinician (Y/N) Main Research Interests.....

Job Title.....Department.....

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Full Address.....

Work Tel.....Work Fax.....E-Mail.....

### Section Addresses:

<u>Section Addresses:</u>	<u>Currency</u>	<u>Amount</u>
<b>AMERICAN SECTION</b> of the ISHR, c/o Dr. Charles Steenbergen (Secretary), Duke University Medical Center, Dept. of Pathology, Box 3712, Durham, NC 27710, USA	U.S. Dollars	50
<b>AUSTRALASIAN SECTION</b> of the ISHR, c/o Dr. Salvatore Pepe (Secretary), Cardiac Surgical & Transplantation Research Unit, Baker Medical Research Institute, P. O. Box 6492, Melbourne VIC 3008, Australia	U.S. Dollars	40
<b>CHINESE SECTION</b> of the ISHR, c/o Dr. Li-ling Wu (Secretary), Dr. Chide Han (President), Institute of Vascular Medicine, Third Hospital, Beijing Medical University, Beijing 100083, China	U.S. Dollars	3
<b>EUROPEAN SECTION</b> of the ISHR, c/o Dr. Frantisek Kolar (Secretary), Institute of Physiology, Academy of Sciences of the Czech Republic, Videnska 1083, 142 20 Prague 4, Czech Republic	French Francs	200
<b>JAPANESE SECTION</b> of the ISHR, c/o Dr. Nobuakira Takeda (Secretary), Dept. of Internal Medicine, Aoto Hospital, Jikei University School of Medicine, Aoto 6041-2, Katsushika-ku, Tokyo 125, Japan	Japanese Yen	5,000
<b>LATIN AMERICAN SECTION</b> of the ISHR, c/o Dr. Marcilio Faraj (Secretary), Fundacao Cardiovascular Sao Francisco de Assis, Rua Jacui, 1191 - Bairro: Concordia, 31110-050-Belo-Horizonte-MG/Brazil	U.S. Dollars	20

**CHECKS AND MONEY ORDERS SHOULD BE MADE PAYABLE TO THE ISHR (insert name of appropriate Section).  
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 Tel 214-373-6300  
 Fax 214-373-3406  
<http://www.americanheart.org>

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<b>Conferences</b>				
<b>Annual Scientific Sessions</b>	Meetings	214-706-1543	214-373-3406	
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<b>Council Membership</b>				
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