

GENERAL INFORMATION

Hotel Accommodations

The 23rd Annual Frontiers of Cardiology will be held at the Iron Horse Resort Retreat, Winter Park's only ski-in/ski-out resort. A limited number of rooms have been reserved at the following group rates:

Studio Sport Suite	455 sq. ft.	(3 max)	\$115
1 Bedroom/1Bath Suite	626 sq. ft.	(4 max)	\$180
2 Bedroom/2Bath Suite	850 sq. ft.	(6 max)	\$250
2 Bedroom/3Bath Suite	1535 sq. ft.	(6 max)	\$320

Be sure and identify that you are with Frontiers of Cardiology meeting in order to receive the group rates. All unreserved rooms in our group block will be released on December 3, 2006.

Reservations: 800-621-8190 ext. #1
Or 970-726-8851 ext. #1

Airline Transportation

Post Oak Group at Navigant International is the official travel agency for this meeting. Call Post Oak Group at Navigant International and mention Frontiers of Cardiology meeting to receive the lowest available fares with the greatest flexibility.

FACULTY

Philip Adamson, M.D.

Director, The Heart Institute
Oklahoma Heart Hospital, Oklahoma City

Allan Anderson, M.D., F.A.C.C., F.A.H.A.

Cardiologist, HeartPlace
Medical Director of Cardiovascular Services
HCA North Texas Division, Dallas

Steven Bailey, M.D., F.A.C.C.

Professor of Medicine
Chief of Invasive Cardiology Lab
University of Texas Health Science Center, San Antonio

Christie Ballantyne, M.D., F.A.C.C.

Professor of Medicine
Director of the Atherosclerosis Lab
Baylor College of Medicine, Houston

Earl F. Beard, M.D., F.A.C.C., F.S.C.A.I.

Chairman Emeritus
Department of Cardiology
Kelsey-Seybold Clinic
Clinical Professor Medicine
Baylor College of Medicine, Houston

Molly Bray, Ph.D.

Baylor College of Medicine, Houston

Steve Carpenter, M.D.

Head of the Special Issuance Branch Office
of the Federal Air Surgeon
Federal Aeronautics Association, Oklahoma City

Joan Carroll, Ph.D.

Assistant Professor of Integrative Physiology
University of North Texas Health Science Center, Ft. Worth

Tomas Green, Ed.D.

Director of Methodist Wellness Services
The Methodist Hospital, Houston

Mark Gustafson, Ph.D.

Associate Professor and Chair
Department of Biology
Texas Lutheran University, Seguin

Michelle Hunnicutt, B.S., C.H.E.S.

Manager, Employee Wellness
The Methodist Hospital, Houston

Andrew "Tony" Jackson, PED

Department of Health and Human Performance
University of Houston, Houston

Harold W. Kohl, III, Ph.D., F.A.C.S.M.

Physical Activity and Health Branch
Division of Nutrition and Physical Activity
Centers for Disease Control and Prevention, Atlanta, GA

Robert Kowal, M.D.

Cardiologist, HeartPlace
Baylor University Medical Center, Dallas

Ali Mortazavi, M.D., F.A.C.C., F.S.C.A.I.

Chief, Department of Cardiology
Kelsey-Seybold Clinic, Houston
Clinical Associate Professor of Medicine
Baylor College of Medicine

Tinker D. Murray, Ph.D., F.A.C.S.M.

Professor of Health, Physical Education and Recreation
Texas State University, San Marcos

Neal R. Pellis, Ph.D.

Associate Director, Space Life Sciences Directorate,
Human Research Program Science Management
NASA Johnson Space Center, Houston

Elizabeth J. Protas, PT, Ph.D., F.A.C.S.M.

Professor and Chair of Department of Physical Therapy
University of Texas Medical Branch, Galveston

Abdi Rasekh, M.D.

Cardiologist
Texas Heart Institute, Houston

Peter B. Raven, Ph.D., F.A.C.S.M.

Professor
Department of Integrative Physiology
University of North Texas Health Science Center, Ft. Worth

Tiffany Saunders

Biology Major
Texas Lutheran University, Seguin

Guilherme Silva, M.D.

Chief Cardiology Fellow
St. Luke's Episcopal Hospital/Texas Heart Institute, Houston

Michael Smith, Ph.D., F.A.C.S.M.

Professor and Chair of Integrative Physiology
University of North Texas Health Science Center, Ft. Worth

William G. Squires, Jr., Ph.D., F.A.C.S.M.

Professor of Biology and Kinesiology
Texas Lutheran University, Seguin
Adjunct, Department of Medicine
Baylor College of Medicine, Houston

John Andrew Traeger, III

Biology Major
Texas Lutheran University, Seguin

Ian Turpin, MED

Department of Health & Human Performance
University of Houston, Houston

Karina Villarreal

Biology Major
Texas Lutheran University, Seguin

Judge Harry L. Williams, Jr.

Chief, Administrative Law
Office of Disability Adjudication and Review
Social Security Administration, Houston

Michael Wilson, M.D., F.A.C.C.

Chief of Cardiology
Millard Fillmore Hospital, Buffalo, NY

Post Oak Travel's number is 713-965-9700 or e-mail Mary Dishongh at mary.dishongh@navigant.com.

Ground Transportation

Transportation to and from Denver International Airport and the Iron Horse Resort is available either by rental car at the airport or van service provided by Home James (this is the only service available in and out of Winter Park). The travel time between the Iron Horse and the new Denver International Airport is approximately 2 hours. Home James requires reservations and full payment to be made in advance. Call Home James at 800-451-4844 for information on rates and schedules.

Dress

Dress for the meeting is casual.

Meals

Continental Breakfast each morning and the Award Banquet meal are included in the registration fee.

23RD ANNUAL FRONTIERS OF CARDIOLOGY

Iron Horse Resort Retreat
Winter Park, Colorado
January 3-6, 2007

JOINTLY SPONSORED BY ST. LUKE'S EPISCOPAL HOSPITAL AND THE
KELSEY RESEARCH FOUNDATION IN COOPERATION WITH THE TEXAS
CHAPTER OF THE AMERICAN COLLEGE OF CARDIOLOGY AND
THE BETA BETA BETA CHAPTER OF TEXAS LUTHERAN UNIVERSITY

Program Committee

Christie Ballantyne, M.D.
Earl Beard, M.D.
Ali Mortazavi, M.D.
Tinker Murray, Ph.D.
Michael Smith, Ph.D.
William G. Squires Jr., Ph.D.

FRONTIERS OF CARDIOLOGY 2007

PROGRAM

WEDNESDAY, JANUARY 3RD

5:30-6:30 PM Registration/Opening Reception

THURSDAY, JANUARY 4TH

Topic: Basic/Applied Science
Moderator: William G. Squires, Ph.D.

7:30-8:30 AM Strong Elders Project
Betty Protas, Ph.D.

8:30-9:00 AM Adipose Tissue and Inflammatory Risk Factors:
The Role of Ethnicity
Joan Carroll, Ph.D.

Topic: Cardiac Disability
Moderator: Earl Beard, M.D.

3:00-4:00 PM Religion, Science and Medicine: Conflict or Cooperation
Ethics Lecture Allan Anderson, M.D.

4:00-4:30 PM Cardiac Disability: The Social Security Administration's Viewpoint
Judge Harry L. Williams, Jr.

4:30-5:00 PM Cardiac Disability: FAA Viewpoint
Steve Carpenter, M.D.

Student Research Section
Moderator: Mark Gustafson, Ph.D.

5:00-5:30 PM Alpine Ecology
Mark Gustafson, Ph.D.

5:30-5:45 PM The Involvement of Sensory Nerves in the
Cutaneous Vasoconstrictor
Response to Local Cooling
John Andrew Traeger, III

5:45-6:00 PM Intracellular Localization of 14-3-3 theta in
Normal Corneal Epithelial Cells and Cell Lines
Tiffany Saunders

6:00-6:15 PM Effects of Fetal Programming on Atherosclerosis and
Cholesterol Metabolism in Adult Offspring of ApoE
Mouse Model
Karina Villarreal

FRIDAY, JANUARY 5TH

Topic: Medicine and Science
Moderator: Allan Anderson, M.D.

7:00-7:30 AM The Role of the Sympathetic Nervous System in the Regulation
of Brain Blood Flow Exercise
Peter Raven, Ph.D.

7:30-8:00 AM Life Outside 9.8m/sec² Gravity: A Cellular Viewpoint
Neal Pellis, Ph.D.

8:00-8:30 AM Chinese Medicine Then, 1985
William G. Squires, Ph.D.

8:30-9:00 AM Chinese Medicine Now, 2006
Michael Wilson, M.D.

Topic: Electrophysiology
Moderator: Michael Smith, Ph.D.

4:30-5:00 PM New Techniques for Complex Ablation of Arrhythmias
Robert Kowal, M.D.

5:00-5:30 PM CRT Effects on the Autonomic Nervous System
Philip Adamson, M.D.

5:30-6:00 PM Noninvasive Predictors of Sudden Death in Atrial Fibrillation
Michael Smith, Ph.D.

6:00-6:30 PM New Insights in the Treatment of Arrhythmias
Abdi Rasekh, M.D.

SATURDAY, JANUARY 6TH

Topic: Cardiology
Moderator: Ali Mortazavi, M.D.

7:00-7:30 AM Update on Peripheral Vascular Interventions
Ali Mortazavi, M.D.

7:30-8:00 AM Stem Cell Research in Cardiovascular Disease
Guilherme Silva, M.D.

8:00-9:00 AM Intravascular Nanotechnology
Steven Bailey, M.D.

Topic: Lipids/Epidemiology
Moderator: Tinker Murray, Ph.D.

4:30-5:00 PM Update on Lipid Regulation Therapy
Christie Ballantyne, M.D.

5:00-5:30 PM Toward U.S. Physical Activity Guidelines
Harold W. Kohl, III Ph.D.

5:30-6:00 PM A Collaborative University/Hospital Wellness
Cardiovascular Risk Reduction Research Initiative
Tomas Green, Ed.D., Michelle Hunnicutt, B.S.
and Tinker Murray, Ph.D.

6:00-6:30 PM The TIGER Study, A Second Update
Ian Turpin, MED, Molly Bray, Ph.D. and Tony Jackson, PED

Awards Banquet

7:30-10:00 PM **Earl Beard Lecture:** 75 years in Cardiovascular Medicine:
A Tale of Three Patients
Allan Anderson, M.D.

PROGRAM NEEDS, GOALS, AND OBJECTIVES

The opportunity for the practicing physician or health care practitioner to stay abreast of the vast number of new topics presented in the cardiovascular related fields each year is severely limited. In the era of managed health care where prevention is of utmost concern and more new information must be assimilated with less time available for attendance at CME events, it is most important to present educational activities in a concise manner relative to the physician's clinical practices. This conference will provide the physician, scientist, and allied health professional a unique overview of total patient care and recent developments in cardiovascular pathology/pathophysiology, molecular biology, cardiovascular diagnostics, interventional transcatheter versus surgical cardiology, medical updates, surgical treatments, general and pediatric cardiology.

The goal of this program is to continue to provide a forum for new developments in cardiology and to promote interaction between research and clinical cardiologists.

At the conclusion of the conference, the participant should be able to:

- Review the basic mechanism of the cardiovascular disease process;
- Describe the molecular basis of various cardiovascular disorders;
- Assess the state of the art alternative intravascular techniques;
- Discuss exercise in cardiac and stroke rehabilitation, and cardiovascular risk reduction;
- Describe the utilization of catheter and surgical interventions for arrhythmias and indications for their use;
- Discuss the nutritional aspects of cardiovascular disease.

TARGET AUDIENCE

The Frontiers of Cardiology conference is designed for health care professionals involved in the treatment of patients with cardiovascular disease. In particular, physicians, nurses, and allied health care professionals in the following specialties will benefit from attending: cardiology, cardiovascular surgery, pediatric cardiology, and internal medicine with a sub-specialty in cardiology.

In addition, the symposium is designed for scientists in cardiovascular and sports medicine related fields.

ACCREDITATION

This activity has been planned and implemented in accordance with the Essentials and Standards of the Texas Medical Association (TMA) through the joint sponsorship of St. Luke's Episcopal Hospital and the Kelsey Research Foundation. St. Luke's Episcopal Hospital is accredited by the TMA to provide continuing medical education for physicians.

St. Luke's Episcopal Hospital designates this educational activity for a maximum of thirteen (13) AMA PRA Category 1 Credit™. Physicians should only claim credits commensurate with the extent of their participation in the activity.

St. Luke's Episcopal Hospital designates this educational activity for up to 1.0 hour(s) ethics/professional responsibility credit, as required for physicians by the Texas State Board of Medical Examiners.

Attendance at the "Religion, Science and Medicine: Conflict or Cooperation" by Allan Anderson, M.D. will satisfy the ethics requirements for physicians.

Nurse's Credits: Provides up to 12.5 contact hours. Kelsey-Seybold Clinic is an approved provider of continuing nursing education by the Texas Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. This activity meets Type 1 criteria for mandatory continuing education requirements toward relicensure as established by the Board of Nurse Examiners of the State of Texas.

Participants will be required to sign in at each morning and afternoon session throughout the symposium. A Certificate of Attendance form will be completed and signed by each participant to record his or her actual hours of participation.

FACULTY DISCLOSURE

It is the policy of St. Luke's Episcopal Hospital that the sponsor and faculty disclose the existence of financial or other relationship with companies whose products or services may be discussed in the activity. The program faculty will disclose whether one or more of the following commercial relationships exist that could relate to the topic(s) presented or to the commercial grantors: honorarium/expenses, grants, a consultant role, speaker's bureau member, stock ownership, or other special relationships. Specific disclosure will be made in the conference materials.

PROGRAM EVALUATION

Participants will be requested to complete an evaluation questionnaire following each morning and afternoon session, as well as an evaluation for the overall activity.

EDUCATIONAL METHOD

The conference material is presented in a lecture format with question and answer sessions following the presentation(s). The speakers will be using audio-visual support to convey the stated objectives.