



Preliminary Program



American Society of Echocardiography 16th Annual Scientific Sessions

Echo 2005: A Comprehensive Cardiovascular Disease Training Opportunity Tailored to Fit Your Educational Needs



June 15-18, 2005
Hynes Convention Center
Boston, MA

Inside:
Registration and Housing Information
Complete Program Planner
Boston Information



Register online at: www.asecho.org



American
Society of
Echocardiography

Chairman's Welcome

Welcome to the 16th Annual Scientific Sessions

The 16th Annual Scientific Sessions will be the premiere cardiac imaging meeting in 2005. This year, a more integrated echocardiography program will offer educational forums that are designed specifically to meet your needs. Sessions dealing with the diagnosis and treatment of heart failure, and new interventional approaches to cardiac disease will be incorporated throughout this dynamic 4-day program.

As an attendee, you may find it easier to select one or two topics to follow throughout the entire meeting. Topics will be

discussed on every level from beginner to expert and enable you to get the most from ASE's Scientific Sessions.

For those of you who have attended this meeting in past years, we have changed the format and schedule of the sessions. Sessions are now color-coded to allow you to find advanced, intermediate and beginner sessions to fit your educational needs. Please be sure to note these changes on the Schedule-at-a-Glance on pages 8-11.

A Message from the Chair

On behalf of Linda Gillam, the Society's President, as well as the members of the Scientific Sessions Program Committee, it gives me great pleasure to invite you to Boston for the 16th Annual Scientific Sessions of the American Society of Echocardiography. In response to your comments and suggestions, we have developed a more integrated program whose main purpose is to teach echocardiography to physicians, sonographers, and nurses.

We have developed a curriculum that caters to beginners, people with intermediate skills, and advanced users of this important and ever-evolving technology. We have selected speakers not only with expertise in their various fields, but also for their skills in imparting knowledge. Since you cannot attend each and every session, we have made it easy for you to select one or two major areas and follow them during the course of the entire meeting.

We urge you to begin your exposure to advances in echocardiography on Wednesday, when we hold special symposia supported by our industry partners. We have tried to integrate the contents of these symposia as best we can with those of the main meeting in order to minimize overlap between topics.

We have changed the format of the main meeting so that each day we will start with special symposia and selected topics at 7:00 am followed by breakfast. This will be followed by 2 one and one-half hour sessions separated by a coffee break. Lunch will be from 12:30 to 2:00 pm affording you ample time to visit the many restaurants and eateries around the convention center and enjoy the New England summer. After lunch, we will have another 2 one and one-half hour sessions separated by a coffee break.

On Friday, the meeting will be followed by Echo Jeopardy and an hour of entertainment to which all registered attendees are invited. Our meeting will officially end at 12:30 pm on Saturday. We will hold a special symposium on Saturday afternoon aimed mainly at researchers and trainees where we will discuss the use of echocardiography in basic research. Poster sessions will be held daily Thursday to Saturday.

We have planned an exciting meeting for you in a historic city that is both beautiful and family friendly. We hope that this is attractive to you and your family and that you will come in large numbers. We look forward to seeing you in Beantown!

With warm regards,



Sanjiv Kaul, MD, FASE
Chairman, 2005 ASE Scientific Sessions

Program Information

Purpose

Echocardiography is an established tool for the diagnosis and management of a wide range of cardiovascular disorders. Over the past several years, the clinical use of echocardiography has expanded significantly. As such, a disease-based approach to cardiovascular care is now a focus of the association's educational offerings. The 16th Annual Scientific Sessions of the American Society of Echocardiography are an opportunity for the membership and all interested practitioners including physicians, nurses, sonographers, echo lab directors, cardiac care specialists, research scientists, cardiology administrators, students and industry representatives to explore emerging issues and developments in the field.

Conference Objectives

To Provide:

- A highlight of the clinical applications of echocardiography
- An introduction to new ultrasound technology and alternative imaging techniques
- Sessions tailored to experts, intermediates and novices

Upon completion of this program, attendees should have:

- 1) Increased their ability to utilize echocardiography in clinical decision-making
- 2) Enhanced their knowledge of echocardiography as a tool in assessing cardiac structure and function
- 3) Learned the value and limitations of imaging techniques over a range of applications
- 4) Increased their ability to incorporate new developments in imaging into clinical practice



Format

The 4-day program includes invited lectures, manufacturers' exhibits, symposia, case reviews, and both oral and poster presentations describing original work. The featured speakers are national and international leaders and teachers in the field of echocardiography and allied disciplines. The format allows participants considerable interaction with the faculty. In addition to structured didactic presentations summarizing the latest major clinical developments, the program features scientific abstract presentations, case presentations, debates in echocardiography, controversies, and an opportunity to see and work with the latest in ultrasound imaging and digital image management equipment.

In addition to the regular track sessions, the convention will offer these educational opportunities:

The Edler Lecture: an annual cornerstone of education in echocardiography presented by one of the foremost authorities in the field. The 2005 lecture will be given by Linda Gillam, MD, FASE.

The Feigenbaum Lecture: honoring ASE's first president, Harvey Feigenbaum, MD, FASE, it will showcase a young investigator addressing a topic that reflects the focus of his/her research in echocardiography.

Intraoperative Symposium: A special stand-alone program on Wednesday focusing on various aspects of intraoperative echo. Designed for cardiovascular surgeons, anesthesiologists and advanced cardiologists.

Research Abstracts: While the majority will be presented in poster sessions displayed on the exhibit floor, there is a pediatric oral session on Saturday, in which outstanding abstracts will be highlighted.

Audience

ASE's Scientific Sessions will benefit all individuals interested in cardiovascular care and the multiple applications of echocardiography. Novice, intermediate and advanced participants will all find sessions that meet their needs. International and U.S.-based attendees alike will find the high-quality learning experiences, poster sessions and expositions beneficial to their professional growth. Participation will include individuals from the fields of cardiac and vascular sonography, cardiovascular anesthesiology, cardiovascular medicine, cardiovascular surgery, pediatric cardiology, thoracic surgery, emergency medicine and nursing, as well as medical residents/fellows and students.

Program Information

CME/CEU Credits

The American Society of Echocardiography is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

The American Society of Echocardiography designates this educational activity for a maximum of 32 category 1 credits toward the AMA Physician's Recognition Award. Each physician should claim only the credits that he/she actually spent in the activity.

This course has been reviewed and is acceptable for up to 32 hours of CME credit toward ICAEL Laboratory Accreditation Requirements.

ARDMS and CCI recognize ASE's certificates and have agreed to honor the credit hours toward their registry requirements for sonographers.

ASE will automatically submit credit hours earned to ARDMS and CCI for those attendees who provide their registry numbers when registering for the 16th Annual Scientific Sessions.



Important Dates

November 12

Abstract Submission Opens (www.asecho.org)

December 1

Online Registration Begins (www.asecho.org)
Housing Opens

January 10

Abstract Submission Deadline

April 1

Last Date for Exhibitors to Reduce or Cancel Space

April 13-15

ASCeXAM Review Course, Philadelphia, PA

April 21

Advance Registration Deadline

April 22

Hotel Reservation Deadline at ASE Rate

May 12

Badge Requests Due for Exhibitors

May 19

Deadline for Pre-conference Registration
Deadline for Registration Cancellation

June 14

On-site Registration Opens in Boston
ASE Board of Directors Meeting

June 15

Intraoperative Symposium
Pediatric Symposium

June 15-18

ASE 16th Annual Scientific Sessions

June 19

NBE's ASCeXAM

September 16

Deadline for Emergency Refund Requests

Program Information

Questions?

ASE Phone Number (919) 861-5574
ASE Fax Number (919) 787-4916
ASE Address 1500 Sunday Dr., Ste. 102, Raleigh, NC 27607

Faculty Contact/Executive Director

Robin Wiegerink, MNPL, CAE
rwiegerink@asecho.org
(919) 861-5574, ext. 214

Industry Roundtable/Special Symposia

Sherry Honey-Barrow, MPA
sbarrow@asecho.org
(919) 861-5574, ext. 232

Registration Questions

Kerstin Rosen
krosen@asecho.org
(919) 861-5574, ext. 224

Exhibits

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(919) 861-4537

Hotel Questions

Kathleen Geibert, MBA
kgeibert@asecho.org
(919) 861-4537

Press/Media Questions/Marketing

Meridith Naslund
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Membership Director

Jerel Noel
jnoel@asecho.org
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CME Director/CME Certificate Requests

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Abstract Questions

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Member Address Changes

Helen Hammond
hhammond@asecho.org
(919) 861-5574, ext. 230

Program Committee

Sanjiv Kaul, MD, FASE, chair
William A. Zoghbi, MD, FASE, co-chair/exhibit chair
Roberto M. Lang, MD, FASE, abstract chair
Michael H. Picard, MD, abstract co-chair
John Gorsan, III, MD, FASE, immediate past chair
Mary Etta King, MD
Laurence Berry, Jr., RDCS
Marielle Scherrer-Crosbie, MD, PhD
Linda D. Gillam, MD, FASE, ex officio
John M. Dent, MD
Jonathan R. Lindner, MD, FASE
Elizabeth Le, MD
Kenneth D. Horton, RCS, RDCS, FASE
Todd Belcik, BS, RDCS, FASE
Bijoy Khandheria, MD, ex officio

Sonographer Program

Sally P. Moos, RDCS, FASE, chair
Marti L. McCulloch, BS, RDCS, FASE, co-chair

Intraoperative Program

Solomon Aronson, MD, chair
Joseph P. Mathew, MD, co-chair

Pediatrics Program

Gregory J. Ensing, MD, FASE
Wyman Lai, MD

Local Arrangements

Carolyn Ho, MD
Warren J. Manning, MD



Industry Roundtable & Special Symposia

The goal of the ASE Industry Roundtable is to promote the science of echocardiography through research, education, and advocacy via a partnership between industry and the Society. The Roundtable provides a forum in which Society leaders and participating companies come together on a regular basis to share thoughts and ideas, fostering an atmosphere of community within the field. The ASE Industry Roundtable truly is a partnership between corporate sponsors and ASE leadership and members. Corporate Roundtable members typically consist of equipment manufacturers, suppliers, and pharmaceutical companies, but participation is open to any company with an interest in echocardiography or the treatment and prevention of cardiovascular disease.

In order to enhance member's educational experience at the 16th Annual Scientific Sessions in Boston, the American Society of Echocardiography is pleased to again offer its Industry Roundtable member companies the opportunity to partner with ASE to offer symposia during our annual meeting. These special symposia educational sessions are granted CME by the American Society of Echocardiography. This past June's topics included sessions on 3D echo, heart failure, vascular imaging, emerging technologies, new standards in patient care, as well as contrast and stress echo. Full and half-day sessions will take place on Wednesday, June 15, 2005 and breakfast sessions will run every morning beginning Thursday, June 16, 2005 and ending Saturday, June 18, 2005. This will be the 4th year that ASE has incorporated symposia into the Sessions, and they have proved themselves to be extremely successful and well attended.



2004 ASE Industry Roundtable Members Include:

Platinum

Amersham Health
Bristol-Myers Squibb Medical Imaging, Inc.
GE Medical Systems
Philips Ultrasound
SIEMENS Medical Solutions

Bronze

Bracco Diagnostics Inc.
Edwards Lifesciences
Guidant Corporation
Medtronic, Inc.
Pfizer, Inc.
Toshiba America Medical Systems

Pewter

Acusphere, Inc.
Biosound Esaote, Inc.
Camtronics Medical Systems
Heartlab, Inc.
IMCOR Pharmaceutical Company
POINT Biomedical Corporation
Problem Solving Concepts, Inc.
SonoSite, Inc.

2005 Special Symposia

Check www.asecho.org for special symposia topic information. Information will be updated as it is available. Please contact Sherry Honey-Barrow at: sbarrow@asecho.org or (919) 861-5574, ext. 232 if you require additional information on either the IRT or IRT-sponsored special symposia.



Call for Abstracts



American Society of Echocardiography 16th Annual Scientific Sessions

June 15-18, 2005 • Hynes Convention Center • Boston, Massachusetts

The American Society of Echocardiography invites all investigators to submit abstracts of original work to be considered for oral or poster presentation at the 16th Annual Scientific Sessions. All accepted abstracts will be published in the May 2005 issue of the *Journal of the American Society of Echocardiography (JASE)*. **Abstracts submitted for consideration must be received by Monday, January 10, 2005.**

Submission

You may submit your abstract electronically by visiting the ASE Web site at www.asecho.org. **Abstract submission opens November 12, 2004 and is free of charge.** Please carefully read the ASE abstract submission policies and procedures before submitting your work. An easy-to-use form and file upload process ensures that your abstract is received with all formatting, tables, graphics, and scientific characters intact.

Submission Categories

1. Interventional Echocardiography: Transesophageal, Intraoperative, Intravascular and Intracardiac
2. Contrast Echocardiography: Technical and Developmental Aspects
3. Contrast Echocardiography: Clinical Applications
4. Exercise and Pharmacologic Stress Echocardiography
5. Valvular Heart Disease

6. Ischemic Heart Disease
7. Cardiomyopathies and Pericardial Disease
8. Ventricular Systolic Function/ Atrial Function
9. Myocardial Diastolic Function
10. Congenital Heart Disease in the Adult
11. 3D Echocardiography
12. New Echocardiographic Technology
13. Outcomes Research, Evaluation of Source of Embolus
14. Coronary Artery Anatomy/ Physiology and Microcirculation
15. Peripheral Vascular Ultrasound/ Endothelial Function
16. Metabolic Syndrome: Diabetes, Left Ventricular Hypertrophy, and Hypertension
17. Pediatric and Fetal Cardiovascular Disease

ASE Young Investigators Award

Young investigators under the age of 40 who are no more than five years from the end of their training are eligible to participate in the ASE Young Investigators Award category. Four finalists will be selected to present their work during the Opening Plenary Session in Boston. **The winner will be awarded \$1,500 and each of the other finalists will receive \$1,000.** All finalists will receive a complimentary meeting registration and travel support to the 2005 annual meeting. Abstracts not selected as finalists in the Young Investigators Award competition will automatically be considered for general presentation.

For questions regarding abstract submission, contact Andrea Van Hoever at ASE Headquarters at avanhoever@asecho.org or (919) 861-4534.



American
Society of
Echocardiography

Schedule-at-a-Glance

Tuesday, June 14, 2005

	12:00 pm	1:00 pm	2:00 pm	3:00 pm	4:00 pm	5:00 pm	6:00 pm
LOCATION							
Hynes Convention Center	12:00 noon – 7:00 pm Exhibitor and Attendee Registration						
Westin		1:00 pm – 2:30 pm Board/Chair Orientation					
Westin				3:00 – 6:00 pm ASE Board of Directors Meeting			

Wednesday, June 15, 2005

	7:00 am	8:00 am	8:30 am	12:00 pm	3:00 pm	5:30 pm	7:30 pm
LOCATION							
Hynes Convention Center	7:00 am – 6:00 pm Exhibitor and Attendee Registration						
Westin Ballroom		8:00 am – 6:00 pm Intraoperative Live Symposium "Assessment of the Aortic Valve"					
Hynes Convention Center		8:00 am – 6:00 pm Essentials of Assessment of Congenital Heart Disease for the Pediatric and Adult Echocardiographer (Topics: Lessons in CHD1, Lessons in CHD2, Assessing the "Repaired" Heart) <i>Supported in part by an unrestricted educational grant from Philips Ultrasound</i>					
Hynes Convention Center		8:00 am – 6:00 pm Special Symposia					
Hynes Convention Center				12:00 pm – 3:00 pm ICAEL "Getting Started with Lab Accreditation"			
Hynes Convention Center					3:00 pm–5:00 pm Cardiac Sonographer Educator's Summit		
Off-Site						6–7:00pm IRT/Board Reception <i>(off-site)</i>	
Off-Site							7:30 pm – 10:00 pm Faculty Dinner <i>(off-site)</i>

Schedule-at-a-Glance

Thursday, June 16, 2005

Exhibitor Registration: 6:30 am - 6:00 pm
 Attendee Registration: 6:30 am - 6:00 pm
 Exhibits Open: 9:00 am - 6:30 pm

Poster Session I: 2:00 pm - 5:00 pm

	7:00 - 8:30 am	8:30-9:00	9:00 - 10:30 am	10:30-11:00	11:00 - 12:30 pm	12:30 - 2:00 pm	2:00 - 3:30 pm	3:30-4:00	4:00 - 5:30 pm	5:30 - 7:30 pm	
SESSION	5		6		7		8		9	Special Event	
A Plenary	Special Symposium	BREAKFAST	Opening Plenary Session YIA Presentations Awards	BREAK • VISIT EXHIBITS • BOOTH DRAWINGS	President's Address Edler Lecture	BREAK • VISIT EXHIBITS • BOOTH DRAWINGS	How to Perform and Interpret MCE	BREAK • VISIT EXHIBITS • BOOTH DRAWINGS	How to Perform and Interpret Tissue Doppler Imaging	(5:30-6:30) President's Reception	
B	Special Symposium						BREAK • VISIT EXHIBITS • BOOTH DRAWINGS		Echocardiographic Determinants of CAD Risk Factors	Early Detection and Prognostication in AMI	<i>Off-Site Event</i> (7:30-9:30) YIA and Foreign Faculty Dinner invitation only
C									Left Atrial Size and Function	Left Ventricular Systolic Function	
D Pediatric									(1:00-2:00) Pediatric Council Luncheon	"Best of" the Masters of Pediatric Echocardiography	
E									Are There Certain Echo Modalities We Should Discard?	Time for Quantification?	
F									Pre-operative Assessment of the Mitral Valve: Cases	Prosthetic Valves	
G Sonographer I									Welcome Session/ Sonographer Council	Echo Lab Essentials	
H									Frontiers in Heart Failure	Advances in Surgical Management of Heart Failure	
I Westin Ballroom											
J Essentials of Echo Sonographer II										Physics 100: How the Image is Created	Physics 200: Doppler and Beyond

BEGINNER
 INTERMEDIATE
 ADVANCED

Schedule-at-a-Glance

Friday, June 17, 2005

Exhibitor Registration: 6:30 am - 7:00 pm
 Attendee Registration: 6:30 am - 7:00 pm
 Exhibits Open: 9:00 am - 5:00 pm

Poster Session II: 9:00 am-11:00 am
 Poster Session III: 12:00 pm-2:00 pm
 Poster Session IV: 3:30 pm-5:30 pm

	7:00 - 8:30 am	8:30- 9:00	9:00 - 10:30 am	10:30- 11:00	11:00 am - 12:30 pm	12:30 - 2:00 pm	2:00 - 3:30 pm	3:30- 4:00	4:00 - 5:30 pm	5:30 - 8:00 pm
SESSION	13		14		15		16		17	Special Event
A Plenary	Special Symposium	BREAKFAST	Combined ASE-ASNC Session: Competing Technologies for Myocardial Perfusion Assessment	BREAK • VISIT EXHIBITS • BOOTH DRAWINGS	Combined ASE-SCMR Session: Competing Technologies in Viability Assessment	BREAK • VISIT EXHIBITS • BOOTH DRAWINGS		BREAK • VISIT EXHIBITS • BOOTH DRAWINGS		<p><i>Room A</i> (5:30-7:00) Echo Jeopardy! <i>Moderator: John Gorscan, III, MD, FASE</i> <i>Assistant Moderator: Sunil Mankad, MD, FCCP</i> <i>Defending Champion: William Stewart, MD, FASE</i></p> <p>(7:00-8:00) Entertainment (tentative)</p> <p>(8:00-10:00) Past President's Dinner invitation only</p>
B	Special Symposium		Noninvasive Visualization of the Coronary Arterial Circulation		Joint ASE-Japanese Society of Echo Session: Coronary Blood Flow Assessment by Doppler		Microbubbles and Therapeutics		Post-AMI Complications	
C			What Can We Glean from Transmittal Flow Velocity Profiles?		Combined ASE-HRS Session		Echocardiography for the Primary Care Physician: When to Order/ Not Order and Echocardiogram		Echocardiography in the Critically Ill Patient	
D Pediatric	Pediatric Echo Bowl		Diastole and DTI in Children		Quickies: Illustrative Cases in Pediatric Echo		Controversies in Echo of CHD		Congenital Mitral Stenosis	
E			Cases Illustrating Mitral Valve Pathology		Cases Illustrating Aortic Valve Pathology		Cases Illustrating Aortic Pathology		Stress Echo Cases	
F			New Surgical and Interventional Approaches for Mitral Valve Disease		Quantification of Mitral Regurgitation		Left Ventricular Outflow Tract Obstruction		Decision-Making in Valvular Heart Disease	
G Sonographer I			The Great Debate: 3D, Contrast and Licensure		Policy and Procedures: Benefits and Pitfalls		Local Society Echo Challenge		Why Bother with Research: Importance and Utility	
H			Hypertensive Heart Disease		Hypertrophic Cardiomyopathy		Contrast Echocardiographic Cases		MCE Cases	
I Westin Ballroom							FASE Luncheon invitation only			
J Essentials of Echo Sonographer II	Cardiac Anatomy and Physiology: What Makes Blood Move		Keeping Blood Moving: The Cardiac Valves		The Complete Echo: Exam Tips from the Experts		Coronary Artery Disease: Ischemia, Infarction and More		Cardiomyopathies: Too Thick, Too Weak, Too Stiff	

BEGINNER
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Schedule-at-a-Glance

Saturday, June 18, 2005

Exhibitor Registration: 6:30 am - 1:30 pm
 Attendee Registration: 6:30 am - 1:30 pm
 Exhibits Open: 8:30 am - 12:30 pm

Poster Session V: 9:00 am-12:00 pm

	7:00 - 8:30 am	8:30- 9:00	9:00 - 10:30 am	10:30- 11:00	11:00 am - 12:30 pm	12:30- 2:00	2:00 - 3:30 pm	3:30- 4:00	4:00 - 5:30 pm
SESSION	20		21		22		23		24
A Plenary	Special Symposium	BREAKFAST	Joint ASE-WHAG Session: Pregnancy and Heart Disease	BREAK • VISIT EXHIBITS • BOOTH DRAWINGS	Special Lectures: (11:00-11:40) Feigenbaum Lecture				
B	Special Symposium		Controversies in Stress Echo		Stress Protocols in Diagnosis of Ischemia: Physiologic Basis and How To				
C			Combined ASE-European Association of Echocardiography Session on Tissue Doppler		Interesting Cases from Around the World				
D Pediatric	Pediatric Oral Abstracts		Echo of the Fetus in Jeopardy		Frontiers of Pediatric Echo				
E			Pericardial Diseases		Endocarditis				
F			Diseases of the Aorta		Small Animal Imaging with Echo				
G Sonographer I			Ergonomics		"Womb to Tomb"				
H			Peripheral Vascular Disease						
I Westin Ballroom			Heart of the Matter Program for Non-Cardiologists Sponsored by ASE-WHAG				Mini-Symposium for Fellows: Role of Echo in Basic Research (part 1)		Mini-Symposium for Fellows: Role of Echo in Basic Research (part 2)
J Essentials of Echo Sonographer II			Next Door Neighbors: The Pericardium and Great Vessels			Working Through the Calculations (workbook provided)			

Sunday, June 19, 2005

11:45 am - 6:30 pm
Hynes Conv. Ctr.
(11:45 am - 12:30 pm) NBE's ASCeXAM Registration
(12:30 pm - 6:30 pm) NBE's ASCeXAM

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Preliminary Program Highlights

Wednesday, June 15, 2005

8:00 am - 6:00 pm

Intraoperative Symposium

The Intraoperative Council has created a spectacular stand-alone program featuring surgical luminaries, leading cardiovascular anesthesiologists, and cardiologists for an innovative didactic presentation. This forum will focus on Advanced Techniques. This program is designed to appeal to cardiovascular surgeons, cardiovascular anesthesiologists and cardiologists.

3:00 pm - 5:00 pm

Cardiac Sonographer Educator's Summit

Join us for the third annual conference on cardiac ultrasound education. The format this year will be presentations, "open microphone" discussions on the information shared by presenters, and networking to share the issues common to cardiac sonography educational programs. The meeting will focus on all aspects of cardiac sonography education. Any educator, sonographer, or physician who is involved in cardiac sonography education will benefit from attending this summit.



Thursday, June 16, 2005

9:00 am - 10:30 am

The Opening Plenary session will feature the announcement of the winners of the 2005 ASE Cardiac Sonographer Distinguished Teacher Award, the 2005 Richard Popp Excellence in Teaching Award, and the 2005 Alan D. Waggoner Sonographer Scholarships. In addition, the four finalists for the ASE Young Investigators Award will present their findings to the audience and a winner will be selected by a panel of distinguished judges.

11:00 am - 12:30 pm

ASE President, Linda Gillam, MD, FASE, will present the Edler Lecture (a lecture in honor of Inge Edler, MD, the father of echocardiography).

2:00 pm - 5:30 pm

Live Demonstration! For the first year, ASE will use technology to show patients from the bedside in the symposia room. Two topics will be covered "How to Perform and Interpret MCE" and "How to Perform and Interpret Tissue Doppler Imaging."

5:30 pm - 6:30 pm

President's Reception

ASE invites you to unwind and network with your colleagues at the Hynes Convention Center. Heavy hors d'oeuvres and refreshments will be available on the exhibit floor. This is a free event for all registered attendees (\$30 for guest tickets).

Friday, June 17, 2005

12:30 pm - 2:00 pm

FASE Recognition Luncheon

ASE will honor its Fellows at a special event held at the Westin Hotel.

2:00 pm - 3:30 pm

Echo Challenge

Come see the Echo Challenge! Watch as Local Societies from across the United States compete to be the 2005 Echo Challenge Champions. Echo Challenge was set up as a fun and educational competition for Local Societies. In Echo Challenge, Local Societies will present their best and most difficult echo studies in an attempt to stump their colleagues. Everyone is welcome to join us on Saturday morning.

Preliminary Program Highlights

5:30 pm - 7:00 pm

Echo Jeopardy!

The annual competition gets better every year and should not be missed! See experts in echocardiography square off to view cases in rapid fashion, showcasing their diagnostic skills. Trophy and audience applause presented to the winner! Join host John Gorcsan, III, MD, FASE and defending champion William Stewart, MD, FASE, for this fun, educational event.

7:00 pm - 8:00 pm

Stick around after Echo Jeopardy to see special entertainment. We welcome guests and family to attend and enjoy the show.

Saturday, June 18, 2005

9:00 am - 11:00 am

Heart of the Matter

In an effort to raise public awareness of Women's Heart Disease during the Scientific Sessions, ASE/WHAG are offering a free CME program that gives the latest information about prevention and treatment of common cardiovascular conditions in women. This program is targeted towards general practitioners, nurses, obstetrician-gynecologists, internists, and other non-cardiologists. We encourage you to spread the word about this free CME program to your fellows, medical students and colleagues in the Boston area. More information and a registration form can be found at www.SeeMyHeart.org.

11:00 am - 12:30 pm

An invited lecturer, chosen from a pool of the best researchers in the world, will present the 6th Annual Feigenbaum Lecture. This lecture is hosted in honor of ASE's first president, Harvey Feigenbaum, MD, FASE.



2:00 pm - 5:30 pm

Mini Symposium for Fellows: Role of Echo in Basic Research

For those attendees who are researchers and trainees, we will offer a program to discuss the use of echocardiography in basic research including small animal models. We encourage you to spread the word about this free CME program to your fellows, medical students and colleagues in the Boston area. For more information go to www.asecho.org.

Sunday, June 19, 2005

12:30 pm - 6:30 pm

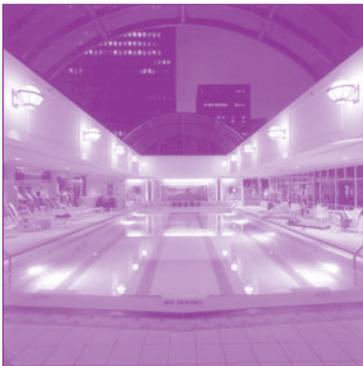
The National Board of Echocardiography's Exam for Special Competence in Echocardiography will be held at the Hynes Convention Center. For more information, contact Vera Askew, NBE's administrator, at (919) 861-5582, ext. 267.

Sheraton Boston Hotel

ASE Headquarters Hotel

Nestled in the charming and historic Back Bay area of Boston, this hotel is ideally situated for our ASE Scientific Sessions attendees and those interested in experiencing this dynamic city. The hotel is connected to the Hynes Convention Center and to 200 shops at the Prudential Center and Copley Place Mall, which features a wide variety of fine retail establishments. Restaurants offering every type of cuisine and setting are also available, including Top of the Hub Restaurant on the 52nd floor of the Prudential Building with sweeping views of the Boston skyline.

Additional local attractions convenient to the Sheraton Boston are Fenway Park, the Freedom Trail, the Museum of Fine Arts, the Public Gardens, the famed Newbury Street, the Charles River and Boston Duck Tours. Come stay in the heart of Boston at the Sheraton Boston Hotel and surround yourself with everything the city has to offer!



Guest Room and Hotel Features

All guest rooms feature two individual phone lines with personal voice mail and data port, Starwood Turbo Net high speed internet access, 27" cable television with On-Command pay movies, individual climate control, AM/FM alarm clock radio, coffee maker, hairdryer, and iron/ironing board.

The Sheraton Boston has a restaurant and lounge perfect for unwinding from a busy day. The new hotel lobby has a Starbucks™ where you can enjoy your favorite treats while surfing the Web with wireless Internet access. A business center is also available to meet your office needs while you are away.

Jogging and Exercise

For relaxation and rejuvenation the Sheraton Boston offers their health club with New England's largest indoor/outdoor pool with retractable ceiling dome, sauna, Jacuzzi, nautilus and free weights, and personal training programs. The Health Club is \$6.00/day or \$10.00/stay. The Freedom Trail is also nearby, which provides a scenic route for walking or jogging.

Parking

Self-parking is available for \$36 per day at the Prudential Building. Valet Parking is available for \$35 per day for registered guests. Hourly valet rates vary.

Airline Discount

Visit www.asecho.org to make discounted online reservations with Delta Airlines. Or, call tollfree (800) 241-6760 from anywhere in the United States and Canada (for international calls, contact Kathy Geibert via email: kgeibert@asecho.org) or book directly through a travel agent. When phoning in a reservation, please remember to reference DMN208008A for domestic travel or DMN208009A for international travel.

Discounts include:

- 5% discount off lowest published fares
- 10% discount off coach fares
- Additional 5% for early booking*
- 1,000 SkyMile bonus points for booking on-line by December 31, 2004
- Zone fares

CALL RIGHT NOW AND SAVE UP TO 15% ON YOUR FARE TO BOSTON WITH SPECIAL FARES FOR THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY.

*30 day advance booking is required and seats are limited.

Rental Car Discount

Visit www.asecho.org to make discounted online reservations with Enterprise Rent-A-Car.

Benefits from booking your rental car online include:

- Best-Rate Guarantee — attendees receive a 5% discount
- Free pickup and delivery service
- No additional driver fee
- No fee for drivers aged 21-25

**Fastest, most convenient way to register
and book housing and air travel —
online at www.asecho.org!**

About Boston

Boston's colonial era architecture, vibrant seafaring heritage, and revolutionary character make it one of the United States' most distinctive cities. Its tightly woven streets offer world-class restaurants, trendy shops, and highbrow cultural offerings such as the Harvard Theater, Berklee College of Music, and esteemed museums. Fenway Park, the Boston Common, and the famed Freedom Trail are also reasons for visitors to give "Cheers" to this fabulous city.

Freedom Trail

Take a walk along the Freedom Trail to get a snapshot of revolutionary Boston. The Trail's 16 sites and structures include scenes of critical events in Boston's and the nation's struggle for freedom. Recognized as a National Recreation Trail, the 3-mile loop is free and self-guided. If you wish to take a ninety-minute tour that covers the heart of the Freedom Trail, groups leave at intervals throughout the day, weather permitting. For more information about the Freedom Trail or for a daily tour schedule, call (617) 242-5642.

From North Station to South End and Everything In-between

The city of Boston is broken down into neighborhoods, each of which has their own identity. The South End of Boston's streets are lined with Victorian brick row houses, comfy coffee shops, and art galleries. Newbury Street is an 8-block stretch of shops where the fashion-forward mesh with punk rockers to find the newest looks. The Ladder District downtown offers great nightlife with its trendy lounges and exclusive upscale hot-spots. The North End is Boston's most European neighborhood, offering charming Italian-American bistros and delicious dessert shops. The North Station area is a sports fan's dream with the new 'Garden' and a multitude of sports bars where you can cheer on your favorite team.



Baseball

Fenway Park, home of the Boston Red Sox, is as much of a city landmark as the Boston Common. Built in 1912, this is the oldest baseball field in the major leagues and it still has that neighborhood ballpark feel. Experience the history of Fenway by seeing the manually-operated scoreboard, the green monster, Pesky's Pole, and the red seat in the right field bleachers. Tickets sell out early. For more information call tollfree 1-877-redsox-9 or visit www.boston.redsox.mlb.com.



Boston Common and Public Garden

June is the most beautiful time to visit the Boston Common and Public Garden. Boston Common is the oldest public park in America; when the British Army occupied Boston, they used the field as their camp. The park will be in bloom with over 50 acres of green grass providing a perfect place for a stroll or a picnic. Across the street, the Public Garden hosts the oldest Botanical garden in the country and a pond where you can find the famed swan boats. Escape the hustle and bustle of downtown Boston and take a sunset ride through the park's lagoon.

Hynes Convention Center and Shopping

The John B. Hynes Veterans Memorial Convention Center is one of the country's best mid-sized event locations and conference facilities. Situated right in the heart of Boston's beautiful and historic Back Bay, the Hynes is also connected to a mega-complex of nearly 4,000 hotel rooms, shopping malls, restaurants, theaters and more. ASE's Headquarters hotel will be the Sheraton Boston Hotel. ASE has also secured rooms at the nearby Westin Copley Place.

Boston hotel properties are connected by sky-bridges to the Convention Center. These walkways feature upscale shopping venues including Gucci, Tiffany, and Nieman Marcus.

Hotel Information

Please make hotel reservations by April 22, 2005, to receive the special ASE convention rates.

For best availability, make your reservations on the Internet.* Visit the ASE Web site at www.asecho.org. You can also fax the Hotel Reservation Form to (506) 433-3033, mail the form to ASE Housing Bureau, c/o VAS Payment Center, 1920 N. Thoreau Drive, Suite 116, Schaumburg, IL 60173, or call-in the reservation tollfree at (866) 578-8827 [for international calls please dial (506) 432-7733]. Faxed and mailed housing requests will take longer to process.

**Faculty and Exhibitors will be provided with a separate hotel registration form and code.*

Acknowledgments

If an email address or fax number is provided, The ASE Housing Bureau will send out an acknowledgment of your reservation after each new booking, modification and/or cancellation. **Please review the acknowledgement carefully for accuracy.** If you do not receive an acknowledgment within 5 days of making a transaction, contact the ASE Housing Bureau tollfree at (866) 578-8827 [for international calls please dial (506) 432-7733]. **PLEASE NOTE: YOU WILL NOT RECEIVE A CONFIRMATION FROM THE HOTEL.**

Deposits

All hotel reservations require a **\$237.00 deposit**. Housing forms received without a deposit will be returned and will not be processed. Mailed housing forms must include a check or credit card number. **All checks are to be made payable to "VAS Payment Center" and must be received before April 22, 2005.** Only fully completed forms will be accepted by the ASE Housing Bureau. Mail your form to the ASE Housing Bureau, c/o VAS Payment Center, 1920 N. Thoreau Drive, Suite 116, Schaumburg, IL 60173. **Your credit card is a guarantee and may be charged at the discretion of the hotel holding your reservation after April 22, 2005.** Please fill out the credit card information in its entirety. Credit cards must be valid through June 2005.

Cancellation Policy

The cancellation deadline is **April 22, 2005**; however, you can make, modify and/or cancel reservations through June 1, 2005 via the ASE Housing Bureau. Reservations secured by a credit card will be assessed a **\$25 penalty if cancelled after April 22, 2005.** Reservations secured by a check deposit will be assessed a **\$25 processing fee if cancelled at any time.** For best availability, make your reservation on the Internet at www.asecho.org. The reservation deadline is June 1, 2005. **ANY CANCELLATIONS MADE AFTER THE APRIL 22, 2005 DEADLINE WILL RESULT IN FORFEITURE OF THE ENTIRE \$225.00 DEPOSIT.**

Requests

Special requests cannot be guaranteed but the hotel will try to honor all requests. The hotels will assign specific room types upon check-in, based upon availability.

Questions About Hotel Reservations?

Want a suite or have a special request? For suite or group room block requests, please contact the ASE Housing Manager at 617-867-8208.

Hotels

The Sheraton Boston Hotel and the Westin Copley Place are within walking distance to the Hynes Convention Center.

To take advantage of the discounted ASE rates, please make your reservations by **April 22, 2005**. All rates are per room per night and are subject to a 12.45% hotel tax (subject to change).

Sheraton Boston Hotel

(Headquarters Hotel)

Single Occupancy	\$237.00*
Double Occupancy	\$247.00*
Additional Person	\$20/person/night

- 5-minute walk adjacent to the Hynes Convention Center
- Apropos Restaurant and Turning Point Lobby Bar
- Fitness Center with indoor/outdoor heated pool
- Executive Business Center
- Gift Shop

Westin Copley Place

Single Occupancy	\$237.00*
Double Occupancy	\$247.00*
Additional Person	\$20/person/night

- 10-minute walk 4 blocks from the Hynes Convention Center (connected by an enclosed walkway)
- 3 restaurants: Turner Fisheries, The Palm and Bar 10
- Full Service Spa
- Health Club with indoor pool
- Business Center

**Room rates are subject to change.*

Hotel Reservation Form

ASE 16th Annual Scientific Sessions • June 15-18, 2005

Hynes Convention Center • Boston, Massachusetts

Instructions

For the best availability, make your reservation on the Internet at www.asecho.org. Faxed and mailed requests will take longer to process. Please use one form per room reservation.

Internet: Visit www.asecho.org to make reservations.

Fax: Only fully completed housing forms will be accepted at (506) 433-3033.

Telephone: For telephone reservations, call the ASE Housing Bureau toll free at (866) 578-8827 [for international calls please dial (506) 432-7733], Monday-Friday from 9:00 am-8:00 pm, ET.

Mail: Only fully completed housing forms will be accepted by the ASE Housing Bureau. Mail housing forms to the ASE Housing Bureau, c/o VAS Payment Center, 1920 N. Thoreau Drive, Suite 116, Schaumburg, IL 60173.

Acknowledgments

If an email address or fax number is provided, The ASE Housing Bureau will send out an acknowledgment of your reservation after each new booking, modification and/or cancellation. **Please review the acknowledgement carefully for accuracy.** If you do not receive an acknowledgment within 5 days of making a transaction, contact the ASE Housing Bureau toll free at (866) 578-8827 [for international calls please dial (506) 432-7733]. PLEASE NOTE: YOU WILL NOT RECEIVE A CONFIRMATION FROM THE HOTEL.

Deposits

All hotel reservations require a \$225.00 deposit. Housing forms received without a deposit will be returned and will not be processed. Mailed housing forms must include a check or credit card number. **All checks are to be made payable to "VAS Payment Center" and must be received before April 22, 2005.** Only fully completed forms will be accepted by the ASE Housing Bureau. Mail your form to the ASE Housing Bureau, c/o VAS Payment Center, 1920 N. Thoreau Drive, Suite 116, Schaumburg, IL 60173. **Your credit card is a guarantee and may be charged at the discretion of the hotel holding your reservation after April 22, 2005.** Please fill out the credit card information in its entirety. Credit cards must be valid through June 2005.

Cancellation Policy

The cancellation deadline is April 22, 2005; however, you can make, modify and/or cancel reservations through June 1, 2005 via the ASE Housing Bureau. Reservations secured by a credit card will be assessed a **\$25 penalty if cancelled after April 22, 2005.** Reservations secured by a check deposit will be assessed a **\$25 processing fee if cancelled at any time.** For best availability, make your reservation on the Internet at www.asecho.org. The reservation deadline is June 1, 2005.

ANY CANCELLATIONS MADE AFTER THE APRIL 22, 2005 DEADLINE WILL RESULT IN FORFEITURE OF THE ENTIRE \$225.00 DEPOSIT.

Room Rates/Taxes

To take advantage of the discounted ASE rates, you must book your reservation by April 22, 2005. After that date, the ASE room block will be released and room reservations are based on availability. ASE cannot guarantee the discounted rates after April 22, 2005. All rates are per room per night and are subject to a 12.45% tax (subject to change). Hotels may charge additional fees for rooms with more than one occupant. **Special requests cannot be guaranteed,** however, the hotel will try to honor all requests. Hotels will assign specific room types upon check-in, based on availability.

Please print clearly:

Arrival Date: _____

Departure Date: _____

Hotel Selection: (list choices in order of preference)

1. _____

2. _____

Reservations will be processed on a first come, first serve basis.

Room Type: (please fill out both)

Number of people in room: _____ Number of beds in room: _____

Registrant Information:

Name: _____

First

M.I.

Last

Company (mandatory): _____

Address: _____

City: _____ State: _____ Province: _____

Zip/Postal Code: _____ Country: _____

Daytime Phone: _____

(Please include country and city access numbers for international phone numbers)

Email (mandatory): _____ Fax (mandatory): _____

List All Room Occupants: (indicate if guest is child under age 18) ****INCLUDE YOURSELF****

1. _____

2. _____

3. _____

4. _____

Smoking Room Non-smoking Room

Check here if you have a disability requiring special services. Please describe: _____

FOR SUITE OR GROUP ROOM BLOCK REQUESTS, CONTACT ASE HOUSING MANAGER: 617-867-8208.

Deposit Information

All reservation requests must be guaranteed. Housing forms received without a check or valid credit card will not be processed. Checks should be made payable to "VAS Payment Center." Only fully completed forms will be accepted by the ASE Housing Bureau. Mail your form to the ASE Housing Bureau, c/o VAS Payment Center, 1920 N. Thoreau Drive, Suite 116, Schaumburg, IL 60173. **Checks must be received before April 22, 2005.**

American Express MasterCard VISA Other _____

Account Number _____ Exp. Date _____

(must be valid through 06/05)

Authorized Cardholder Name _____

Authorized Signature* _____

**Necessary to process reservation. Typed signatures will not be accepted.*

Send Acknowledgement To:

I will be the primary guest I will not be occupying the room

Name: _____

First

M.I.

Last

Company (mandatory): _____

Address: _____

City: _____ State: _____ Province: _____

Zip/Postal Code: _____ Country: _____

Daytime Phone: _____

(Please include country and city access numbers for international phone numbers)

Email Address (mandatory): _____ Fax (mandatory): _____

****SEND THIS FORM TO THE ASE HOUSING BUREAU. DO NOT SEND TO THE ASE OFFICE. USE ONE FORM PER ROOM. MAKE COPIES AS NEEDED.****

Registration Information

Location

The 16th Annual Scientific Sessions will be held in the Hynes Convention Center, located at 900 Boylston Street, Boston, MA 02115.

Registration

The registration fee includes admission to the Scientific Sessions, the Special Symposia, the Exhibit and Poster Hall, daily refreshment breaks, a continental breakfast Wednesday-Saturday, one ticket to the President's Reception on Thursday evening, and one ticket to the entertainment on Friday evening.

The Advance Registration deadline is April 21, 2005.

Registration Fees

ASE members must be up-to-date on their 2005 membership dues before registering at the member rate for ASE's 2005 conference. If you have not paid your dues, you will automatically be registered in the non-member category and will need to pay the non-member registration fee prior to attending the conference.

Fellow/Medical/Sonography Student non-members in training must provide a letter of confirmation from their division or department head or a copy of a hospital ID card when registering. If registering online, you will need to present proof of Fellow/Student in training status at the registration counter in Boston.

The address listed on your meeting registration materials will be designated as your primary contact address with ASE, and will be used for all future correspondence from ASE unless otherwise indicated.

	Advance	After April 21, 2005
ASE Physician member	\$385	\$435
ASE Cardiac Sonographer member	\$160	\$210
ASE Nurse member	\$160	\$210
ASE Fellow/Medical/Sonography Student member in training	\$110	\$110
ASE Corporate Affiliate/ Roundtable member	\$385	\$435
Physician non-member	\$505	\$555
Cardiac Sonographer non-member	\$235	\$285
Nurse non-member	\$235	\$285
Fellow/Medical/Sonography Student non-member in training	\$165	\$165
Non-member Corporate Personnel	\$505	\$555
Abstract Presenter	\$110	\$110
Other (Echo director, managers, etc.)	\$385	\$435

Pre-Registration

The quickest way to register and receive a confirmation is to register online at www.asecho.org. Online registration will open December 1, 2004. Alternately, you may fax your registration to (919) 787-4916 or mail your registration to ASE Headquarters, 1500 Sunday Drive, Suite 102, Raleigh, NC 27607. Payment must be received with each registration. ASE does not take registrations over the phone.

The pre-registration deadline is Thursday, May 19, 2005. After May 19, you may register on-site in Boston beginning on Tuesday, June 14.

Save \$\$\$ - Join ASE Today!

ASE membership has so many benefits, including discounted registration fees for the Annual Scientific Sessions. Complete the ASE membership application on page 22 and submit it with your registration form to receive the ASE member discount on your Boston registration fees. You can also join ASE online at www.asecho.org prior to registering for the Annual Scientific Sessions. Start receiving the many benefits of ASE membership today!

Faculty

Faculty members will receive an invitation from ASE Headquarters. If you accept the invitation, you will be asked to register online through the faculty registration process. Please make your own hotel reservations through the ASE Housing Bureau. Faculty will be provided with a separate hotel registration form and code.

On-site Registration

If you miss the deadline for pre-registration (May 19, 2005), please register on-site at the Hynes Convention Center during the following hours:

Tuesday, June 14	12:00 pm - 7:00 pm
Wednesday, June 15	7:00 am - 6:00 pm
Thursday, June 16	6:30 am - 6:00 pm
Friday, June 17	6:30 am - 7:00 pm
Saturday, June 18	6:30 am - 1:30 pm

Registration Information

International Registrants

International registrants needing letters of invitation for visa purposes may contact Andrea Van Hoever at ASE Headquarters at avanhoever@asecho.org or (919) 861-4534.

Registration Cancellation Policy

All requests for refunds will be processed less a \$25 administrative fee. Written refund requests must be received at ASE Headquarters by Thursday, May 19, 2005. In cases of emergency, refunds will be considered on a case-by-case basis. These requests must be received in writing no later than 90 days after the meeting. Emergency refunds requested after September 16, 2005 will not be honored.

Receipts

If you pay for your registration online, you will receive a receipt as soon as you complete your transaction, complete with an order number. Receipts for faxed and mailed registration forms will be mailed within three weeks after they are processed. Generic receipts will be available at the conference registration desk in Boston.

Security

All attendees will be required to show a photo ID at the registration counter in Boston. ASE is doing this for your safety. Please be prepared.

Lunch Options

There are a variety of dining options available within walking distance to the Hynes Convention Center. Please refer to the Schedule-at-a-Glance for daily lunch breaks.

President's Reception

The President's Reception is Thursday evening from 5:30 pm - 6:30 pm in the ASE Scientific Sessions Exhibit and Poster Hall at the Hynes Convention Center. This is a wonderful opportunity to network and socialize with colleagues and friends. Heavy hors d'oeuvres and drinks will be served.

Admission to the reception is included in the meeting registration fee. Guest tickets are \$30 per person and may be purchased by checking the appropriate box on the Registration Form or on-site at the registration desk in Boston.

Entertainment

Entertainment will follow Echo Jeopardy Friday evening, from 7:00 pm-8:00 pm at the Hynes Convention Center. Admission for registrants is included in the meeting registration fee.

ASE Scientific Sessions Exhibit & Poster Hall

Attendees are invited to visit the ASE Scientific Sessions Exhibit and Poster Hall for the latest market technology and ground-breaking clinical research. The hall will be open from 9:00 am-6:30 pm on Thursday, 9:00 am-5:00 pm on Friday, and 8:30 am-12:30 pm on Saturday.



**Fastest, most convenient way to register
and book housing and air travel —
online at www.asecho.org!**

Registration Form

ASE 16th Annual Scientific Sessions • June 15-18, 2005

Hynes Convention Center • Boston, Massachusetts

Register online at www.asecho.org and receive immediate email confirmation. To register by mail or fax, please complete this form. A receipt will be mailed within three weeks after processing. Please print clearly or type.

1. Name and Contact Information

Name (will appear on name badge) Last _____ First _____ Middle Initial _____

Preferred Title: Dr. Mr. Mrs. Ms.

Credentials: MD PhD RN RDCS RCS Other _____ ASE Membership # _____ ARDMS Registry # _____ CCI Registry # _____

Area of Practice: Intraoperative Echo Vascular Medicine Neurology Pediatric Echo Adult Echo Cardiac Sonography Nursing
 Emergency Medicine Anesthesiology Cardiac Surgery Thoracic Surgery Internist Other _____

Hospital/Practice/Clinic Name (will appear on name badge) _____

Mailing Address _____

City _____ State _____ Zip _____ Country _____

Which address is this? Business Home

Business Phone _____ Business Fax _____ Email Address _____

2. General Registration Fee

NOTE: A photo ID will be required to pick up your name badge in Boston. The registration fee includes admission to the Scientific Sessions, the Special Symposia, the Exhibit and Poster Hall, daily refreshment breaks, a continental breakfast, one ticket to both the President's Reception and entertainment. The Advance Registration deadline is April 21, 2005.

Fellow/Medical/Sonography Student non-members in training must provide a letter of confirmation from their division or department head or a copy of a hospital ID card when registering. If registering online, you will need to present proof of Fellow/Student in training status at the registration counter in Boston.

Please check one:

	Advance	After April 21, 2005
<input type="checkbox"/> ASE Physician member	\$385	\$435
<input type="checkbox"/> ASE Cardiac Sonographer member	\$160	\$210
<input type="checkbox"/> ASE Nurse member	\$160	\$210
<input type="checkbox"/> ASE Fellow/Medical/Sonography Student member in training	\$110	\$110
<input type="checkbox"/> ASE Corporate Affiliate/Roundtable member	\$385	\$435
<input type="checkbox"/> Physician non-member	\$505	\$555
<input type="checkbox"/> Cardiac Sonographer non-member	\$235	\$285
<input type="checkbox"/> Nurse non-member	\$235	\$285
<input type="checkbox"/> Fellow/Medical/Sonography Student non-member in training	\$165	\$165
<input type="checkbox"/> Non-member Corporate Personnel	\$505	\$555
<input type="checkbox"/> Abstract Presenter	\$110	\$110
<input type="checkbox"/> Other (Echo director, managers, etc.)	\$385	\$435

NOTE: If you are a non-member and select a member registration rate, you will be billed for the difference in price. Registration fees must be paid in full before you will be allowed to pick up your name badge in Boston.

3. Other Ticketed Functions

Please check: President's Reception for spouse/guest (\$30)

4. Join ASE Today!

Yes, I want to join ASE.

Please complete the membership application on page 22 and submit with this registration form to receive the ASE member discount on your registration fee.

5. Intraoperative Symposium

Please check here if you plan to attend this session.

6. Pediatrics Symposium

Please check here if you plan to attend this session.

7. Mini Symposium for Fellows

Please check here if you plan to attend this session.

8. Special Services & Emergency Contact Information

Please check here if you require special accommodations to fully participate. Please attach a written description.

Please check here if you will not be staying at an ASE hotel. List your Boston contact phone number: _____

9. Payment Information

Check or credit card information must be received with your registration form. Please register by mail, fax, or online at www.asecho.org. No phone registrations will be taken. Please make all payments payable to the American Society of Echocardiography, US currency only.

Total of All Fees (sections 2 and 3): \$ _____

Check MasterCard VISA American Express

Please print clearly:

Check # _____

Credit Card # _____

Credit Card Expiration Date _____

Authorized Cardholder Name _____

Authorized Signature _____

(typed signatures will not be accepted)

10. Sending Your Registration

To register by mail, send this form to:
ASE, 1500 Sunday Drive, Suite 102, Raleigh, NC 27607

To register by fax, send this form to:
(919) 787-4916, Attn: Kerstin Rosen

Registration Cancellation Policy:

All requests for refunds will be processed less a \$25 administrative fee. Written refund requests must be received at ASE Headquarters by Thursday, May 19, 2005. In cases of emergency, refunds will be considered on a case-by-case basis. These requests must be received in writing no later than 90 days after the meeting. Emergency refunds requested after September 16, 2005 will not be honored. For registration questions, please call the ASE office at (919) 861-5574, ext. 224.

ASE: Working for You & Your Profession

Tackling Legislative and Reimbursement Issues

- Working with other cardiovascular organizations, ASE helped increase Medicare reimbursement for the year 2002 and averted a negative 4.2% cut for echocardiography in 2003.
- Developing a model LMRP (Local Medical Review Policy) to help Medicare carriers deal with issues of quality and credentialing – an LMRP endorsed by the American College of Cardiology.

Strengthening Your Practice with State-of-the-Art Information

- Providing current Standards and Guideline documents like the recently released “Valvular Regurgitation” document on the quantification of valvular regurgitation available online at www.asecho.org and on CD.
- Offering online resources such as:
 - www.Digital-Zone.org – allows members to access information from labs that have successfully converted to a digital world.
 - www.ContrastZone.org – allows members to educate themselves about the ever-expanding role of contrast in clinical cardiovascular ultrasound.
 - www.SeeMyHeart.org – helps educate the public about echocardiographic procedures-what they are, why they are done, and who performs them.



American Society of Echocardiography
1500 Sunday Drive, Suite 102 • Raleigh, North Carolina 27607
(919) 861-5574 • Fax (919) 787-4916 • www.asecho.org

Keeping You Up-to-Date through Education

- Sponsoring or co-sponsoring 64 ASE educational programs in the past three years.
- Bringing you the ASE Scientific Sessions – The PREMIER Cardiovascular Ultrasound Meeting in the World!
- Preparing you for the ASCeXAM with the ASCeXAM Simulation CD – created in conjunction with Pegasus Lectures, Inc. This CD is also designed as a resource tool for echocardiographers, sonographers and clinical cardiologists.
- Enhancing your education through:
 - www.aseuniversity.org – free CME at ASE University
 - www.asecho.org – echo examples at ASE Image Library

Increasing Public Awareness of Echocardiography

- Releasing over 200 echo-related stories to media that have been published in national newspapers and magazines.
- Participating in international symposia to showcase the utility of echo in clinical care to professionals in different fields of medicine.

Building the Future

- Awarding 5 sonographer scholarships annually to help students enter the exciting field of cardiac sonography.
- Donating 1.6 million dollars in the last 10 years towards Outcomes Research Grants.
- Publishing over 75 peer-reviewed articles on the usefulness of echo.

**Join ASE online at www.asecho.org
or complete the membership
application on page 22.**

ASE Membership Application

\$20 surcharge will be added for members outside the U.S., Canada, Mexico and Puerto Rico. Dues must be paid in U.S. currency.

- \$120 Physician
- \$120 Physical Scientist, PhD
- \$75 Medical Student/Fellow
- \$75 Sonographer
(do not have to be registered)
- \$75 Nurse
- \$120 Other (Lab Managers, Echo Department Directors, etc.)

**Special Promotion:
For First-time ASE Members Only**
 \$55 Medical Student/Fellow
 \$55 Sonographer Student

Over 50% of your yearly dues are allocated for your subscription to the *Journal of the American Society of Echocardiography*. Payment of organizational dues is generally deductible as ordinary and necessary business expense.

ASE Education and Research Foundation (501(c)3 organization)

These voluntary charitable contributions are deductible for federal income tax purposes. Donations support scholarships and research.

\$20 \$50 Other \$ _____

General Information (please type or print)

Name _____
(Last) (First) (Middle)

Preferred Title: Dr. Mr. Mrs. Ms.

Degree: MD PhD DO BS RDCS
 RCS RVS CCT RN Other

Areas of Expertise: Intraoperative Echo Vascular Medicine Neurology Pediatric Echo Cardiac Sonography
 Nursing Anesthesiology Cardiac Surgery Thoracic Surgery Adult Echo
 Internist Emergency Medicine Other

Preferred address for mailings: Business Home

Business Address: Institution _____
Street Address _____
City _____ State _____ Zip _____ Country _____

Home Address: Street Address _____
City _____ State _____ Zip _____ Country _____

Business Phone: _____ Business Fax: _____

E-mail Address: _____

How did you hear about ASE? ASE Web site Journal Mailing Peer Scientific Sessions Other

Payment Information

Total Amount: \$ _____ (dues + contribution)

Check (Please make payable to ASE in U.S. funds only. Must mail with this application.)

Credit Card: American Express VISA MasterCard Exp. Date _____

Card Number _____ Signature _____

Please allow 3-4 weeks for processing. Your preferred address, phone and fax numbers, and e-mail address will be posted on our members only on-line directory. We do not sell or release e-mail addresses to other organizations.

ASE memberships run on a calendar year. If you join after September 1, you will be considered a member for the following year.

Members receive January - December monthly issues of *JASE*.

Councils

ASE has three Councils which represent areas of practice interest within echocardiography. Members may choose to affiliate with any or all of these Councils. There are no additional dues for council membership(s). Please indicate which Council(s), if any, you wish to join:

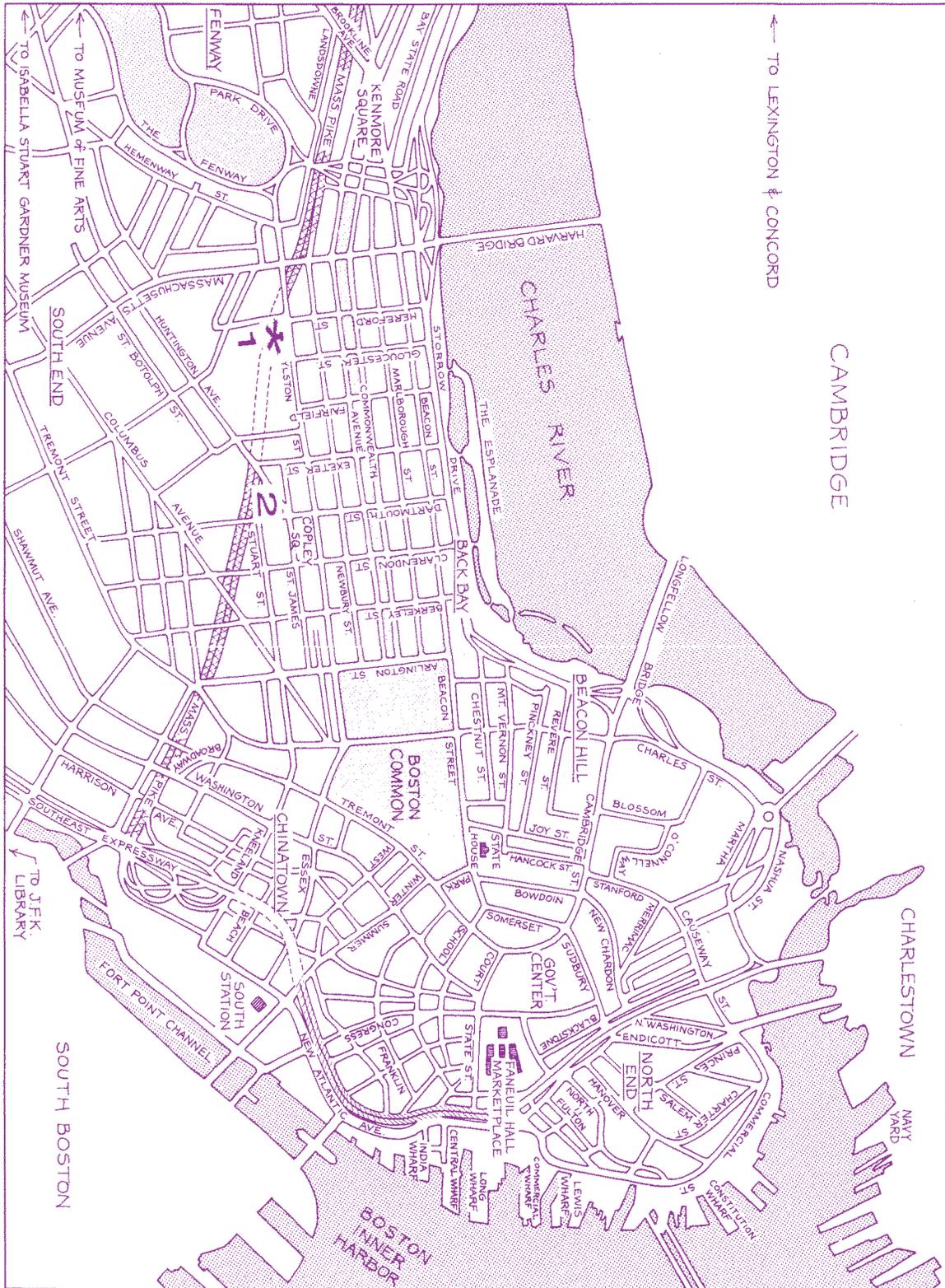
Council on Cardiac Sonography Council on Intraoperative Echocardiography Council on Pediatric Echocardiography

Please return this completed application with payment to:

American Society of Echocardiography, 1500 Sunday Drive, Suite 102, Raleigh, NC 27607; (919) 861-5574; Fax (919) 787-4916

Or join online at www.asecho.org

Map of Hotels and Convention Center



Map of Boston, © 1986 by Addison-Wesley Publishing Company, reprinted with permission. From the book, *Uncommon Boston: A Guide to Hidden Spaces and Special Places*, © 1990 by Addison-Wesley Publishing Company.

- 1. Sheraton Boston Hotel
- 2. Westin Copley Place
- * Hynes Convention Center



American Society of Echocardiography
1500 Sunday Drive, Suite 102
Raleigh, North Carolina 27607

FIRST CLASS
PRESORTED
US POSTAGE
PAID
PERMIT #1854
Raleigh, NC



Quotes from ASE 2004 Scientific Sessions attendees

"It was very well organized with excellent audio visual material and very knowledgeable faculty. As a new member of ASE, I plan to attend in future."

•

"Good variety of sessions aimed at all levels of experience. Excellent speakers overall. Excellent symposium."

•

"I enjoyed the interactive approach teaching style during illustrative cases in pediatric echo and case studies - a fun way to learn."

•

"It's the best way to keep up with new developments in the field of echo and get a lot of CME's all in one."

Preliminary Program