

VIRGINIA ORTHOPAEDIC SOCIETY



60th Annual Meeting



Omni Charlottesville
Charlottesville, VA

May 4-6, 2007

Sponsored by the University of Virginia, Office of CME and the Virginia Orthopaedic Society

Visit www.vos.org for Meeting Updates

Virginia Orthopaedic Society

2209 Dickens Road • Richmond, VA 23230-2005

(804) 282-0063 • Fax: (804) 282-0090 • Email: vos@societyhq.com



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WELCOME

Dear Colleagues,

Along with VOS President, David R. Diduch, MD, we would like to welcome old and new members to the **2007 Annual Meeting** in Charlottesville, Virginia. We are excited about the new meeting format, which is designed to update general orthopaedic surgeons and specialists on advances in *Sports, Trauma, and Adult Reconstruction Surgery*. We have revamped the agenda to be more problem focused rather than abstract driven. Along with internationally recognized speakers, Robert Arciero, MD and Mark Pagnano, MD, our course faculty includes eighteen specialists who are VOS members.

Historic Downtown Charlottesville provides an exciting venue with live music, theater, shopping, and numerous restaurants and nightclubs within walking distance of the Omni Hotel. Monticello, Ashlawn, and the University of Virginia Grounds are a short drive away. Golf, hiking, mountain biking, or a drive along the Blue Ridge Parkway are a must for outdoor enthusiasts. We are in the middle of Virginia wine country. Spending an afternoon at one of several wineries in the area is a great way to catch up with old friends. Our social gatherings include a reception Friday night on the Downtown Mall and a dinner Saturday night at the Omni. A limited number of tickets are available to course participants for world-famous comedian Lily Tomlin's show at the Paramount Theater.

We are excited about the return of the VOS to Charlottesville and look forward to an unforgettable meeting.

A. Bobby Chhabra, MD
Mark D. Miller, MD
Program Chairmen

Hotel Reservations

Hotel reservations can be made online at www.omnihotels.com. After going to the website, click on "Make a Reservation", type in the city: Charlottesville, VA, your preferred dates, and the **VOS GROUP CODE: 11200103749**. This will automatically provide you with the discounted rates. If you prefer, dial 1-800-THE-OMNI (1-800-843-6664) and tell reservationists that this is for the: **Virginia Orthopaedic Society** (they will not recognize the initials VOS). Your VOS rates will be confirmed. Hotel Location: Omni Charlottesville Hotel, 235 West Main Street, Charlottesville, VA 22902 Hotel phone: (800) 843-6664 or (434) 971-5500.

Program Objectives

Participants in this educational activity should be able to discuss:

Sports:

1. Advances in the treatment of shoulder instability and rotator cuff repair
2. Advances in the treatment of meniscal injuries and ACL/PCL reconstruction
3. Advances in the treatment of cartilage injuries in the knee
4. The Injured Athlete and return to play issues

Trauma:

1. Advances in the management of upper extremity trauma including technological advances and minimally invasive techniques.
2. Advances in the management of pelvis and lower extremity trauma including technological advances and minimally invasive techniques.
3. Advances in Osteobiologics and applications to trauma surgery.

Adult Reconstruction:

1. Advances in total hip and total knee arthroplasty (primary and revision) including technological advances and minimally invasive techniques

Scientific Abstracts:

1. The participants in this educational activity should be able to discuss and evaluate basic science and clinical research in Orthopaedics being done throughout Virginia.

Accreditation

This activity has been planned and implemented in accordance with the Essential Areas in accordance of the Accreditation Council for Continuing Medical Education to provide joint sponsorship of University of Virginia School of Medicine and Virginia Orthopaedic Society.

University of Virginia School of Medicine CME Program designates this educational activity for a maximum of **8 AMA PRA Category 1 Credit(s)TM**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

The University of Virginia School of Medicine awards 0.1 CEU per contact hour to each non-physician participant who successfully completes this educational activity. The CEU (Continuing Education Unit) is a nationally recognized unit of measure for continuing education and training activities that meet specific educational planning requirements. The University of Virginia School of Medicine maintains a permanent record of participants who have been awarded CEUs.

VIRGINIA ORTHOPAEDIC SOCIETY

60th Annual Meeting



Omni Charlottesville
Charlottesville, VA

May 4-6, 2007

FRIDAY MAY 4, 2007

3:00 pm - 5:00 pm	Registration
5:00 - 6:30 pm	Opening Reception Poster Session with Exhibitors
6:30 pm	Dinner on Own

SATURDAY MAY 5, 2007

6:00 am	Continental Breakfast and Registration
6:45 am	Introduction / Welcome David R. Dudich, MD, President Program Directors: A. Bobby Chhabra, MD; Mark D. Miller, MD

Sports Section

Moderator: Mark D. Miller, MD

7:00 am - 7:20 am	Shoulder Instability Robert A. Arciero, MD
7:20 am - 7:30 am	Meniscal Injuries David R. Diduch, MD
7:30 am - 7:40 am	ACL / PCL Reconstruction Mark D. Miller, MD
7:40 am - 7:50 am	Cartilage/ OCD Treatment Eric W. Carson, MD
7:50 am - 7:60 am	Rotator Cuff D. Christopher Young, MD
8:00 am - 8:20 am	Return to Play Panel Moderator: Mark D. Miller, MD
8:20 am - 8:30 am	Questions

Sports Abstract Presentation

8:30 am - 8:40 am	Fast T-Fix versus Inside-Out Meniscal Repair in the Goat Model
8:40 am - 8:50 am	Outcomes After Meniscal Repair Using the PDS Rapidloc Device with Absorbable Panacryl Sutures
8:50 am - 9:00 am	Distal Biceps Tendon Repair using a Limited Anterior Incision and Suture Anchors
9:00 am - 9:10 am	The Effect of Plate Position and Size on Tibial Slope in High Tibial Osteotomy: A Cadaveric Study

FACULTY

Robert A. Arciero, MD

University of Connecticut
Hartford, CT

Thomas E. Brown, MD

University of Virginia
Charlottesville, VA

James B. Carr, MD

Palmetto Richland Memorial Hospital
Columbia, SC

Eric W. Carson, MD

University of Virginia
Charlottesville, VA

A. Bobby Chhabra, MD

University of Virginia
Charlottesville, VA

Quanjan Cui, MD

University of Virginia
Charlottesville, VA

David R. Diduch, MD

University of Virginia
Charlottesville, VA

Jonathan E. Isaacs, MD

VCU Health Systems
Richmond, VA

William A. Jiranek, MD

VCU Health System
Charlottesville, VA

David M. Kahler, MD

University of Virginia
Charlottesville, VA

Cato T. Laurencin, MD, PhD

University of Virginia
Charlottesville, VA

Cay M. Mierisch, MD

Carilion Bone & Joint Center
Vinton, VA

William Mihalko, MD, PhD

University of Virginia
Charlottesville, VA

- Continued -

SATURDAY MAY 5, 2007 (Continued)

Miscellaneous Abstracts (Basic Science & Other Topics)

- 9:10 am - 9:20 am **A Mice Disc Degeneration Model by Needle Puncture**
- 9:20 am - 9:30 am **Investigation of Plate vs. Screw Fixation on Talonavicular Fusion and their Effects on Plantar Foot Pressures**
- 9:30 am - 9:40 am Questions
- 9:40 am - 10:00 am **The Post Meniscectomy Knee**
Robert A. Arciero, MD
- 10:00 am - 10:30 am Break with Exhibitors & Poster Session

Trauma Section (Upper Extremity)

Moderator: Thomas E. Shuler, MD

- 10:30 am - 10:45 am **Proximal Humerus Fractures: Current Role of ORIF versus Prosthetic Replacement**
Eric W. Carson, MD
- 10:50 am - 11:05 am **Elbow Periarticular Fractures: ORIF, Locking Plates, Ex-Fix, Total Elbow Replacement**
Cay M. Meirsch, MD
- 11:10 am - 11:25 am **Distal Radius Fractures: Volar Locking Plates**
Jonathan E. Isaacs, MD
- 11:30 am - 11:45 am **Image Guided Application in Long Bone Surgery**
David M. Kahler, MD
- 11:45 am - 12:00 n Questions
- 12:00 n - 1:00 pm **Lunch - Residency Program Update: UVA, MCV, Portsmouth Naval**
- 1:00 pm Golf, Tours of Monticello, etc.
- 7:00 pm Reception with Exhibitors & Poster Session
- 7:45 pm Dinner - Omni Hotel
Presentation of Legislator of the Year Award

SUNDAY MAY 6, 2007

- 6:15 am Breakfast and Registration

Trauma Abstract Presentations

Moderator: Thomas E. Shuler, MD

- 7:00 am - 7:10 am **An Injury Model for the Terrible Triad of the Elbow: Varus Stability**
- 7:10 am - 7:20 am **Reverse End to Side Neurotization in a Regenerating Nerve**
- 7:20 am - 7:30 am **The Role of the Coronoid Process, LCL, and Radial Head in Varus Stability of the Elbow**
- 7:30 am - 7:40 am **Biomechanical Consequences of Fibrin Sealants in Nerve Repair**
- 7:40 am - 7:50 am **Radioscapholunate Fusion: T-Plate vs. Circular Plate Fixation**
- 7:50 am - 8:00 am **Growth and Differentiation Factor-5 Induced Tendon Repair and Regeneration**

Trauma Section (Lower Extremity)

Moderator: Thomas E. Shuler, MD

- 8:00 am - 8:20 am **Tip Trochanteric vs Piriformis Fossa Femoral Antegrade Nailing**
Mark C. Willis, Jr., MD
- 8:20 am - 8:40 am **Spanning Ex-fix and Staged ORIF for Complex Fractures about the Knee**
Quanjan Cui, MD

FACULTY

Mark D. Miller, MD

University of Virginia
Charlottesville, VA

Joseph T. Moskal, MD

Roanoke Orthopaedic Center
Roanoke, VA

Mark W. Pagnano, MD

Mayo Clinic
Rochester, MN

Thomas E. Shuler, MD

Carilion Bone & Joint Center
Roanoke, VA

Khaled Saleh, MD

University of Virginia
Charlottesville, VA

D. Christopher Young, MD

West End Orthopaedic
Richmond, VA

Mark C. Willis, Jr., MD

VCU Health System
Richmond, VA

ABSTRACT AWARDS

Awards will be presented for the Best Basic Science, Best Clinical Presentation & Best Presentation Poster.

SUNDAY MAY 6, 2007 (Continued)

- 8:40 am - 9:00 am **Non-locking Plate Fixation in the Foot and Ankle**
James B. Carr, MD
- 9:00 am - 9:20 am **Osteobiologics and Graft Substitute Options**
Cato T. Laurencin, MD, PhD
- 9:20 am - 9:45 am Break with Exhibitors & Poster Session

Adult Reconstruction Section

Moderator: Thomas E. Brown, MD

- 9:45 am - 10:05 am **MIS THA: Were We Stand in 2007**
Mark W. Pagnano, MD
- 10:05 am - 10:15 am **Advances in the Treatment of Osteonecrosis of the Hip**
Quanjun Cui, MD
- 10:15 am - 10:25 am **Computer Assisted Arthroplasty:
Past, Present and Future**
William Mihalko, MD, PhD
- 10:25 am - 10:35 am **The Virginia Joint Arthroplasty Registry**
William A. Jiranek, MD
- 10:35 am - 10:45 am **Bearing Options for Total Hip Arthroplasty**
Thomas E. Brown, MD
- 10:45 am - 10:55 am **Advances in Bone Defect Management in
Revision Total Hip Arthroplasty**
Khaled Saleh, MD
- 10:55 am - 11:05 am **Addressing Soft Tissue Deficiencies and
Instabilities in Total Knee Arthroplasty Revision**
Joseph T. Moskal, MD
- 11:05 am - 11:15 am **MIS TKA with a Subvastus Approach**
Mark W. Pagnano, MD
- 11:15 am - 11:25 am Questions

Adult Reconstruction Abstract Presentation

Moderator: Thomas E. Brown, MD

- 11:25 am - 11:35 pm **Active Immunization with and without Antibiotics
in the Prevention of Biomaterial Centered Infection**
- 11:35 am - 11:45 am **Does Concomitant Low Back Pain Affect Revision
Total Knee Arthroplasty Outcome**
- 11:45 am - 11:55 pm **Subsidence of All-Polyethylene Tibial Components
Used in Unicondylar Arthroplasty**

Miscellaneous Abstract Presentations

- 11:55 am - 12:05 pm **Growth and Differentiation Factor-5 and Intervertebral
Disc Disease: A Histological and In Vitro Study**
- 12:05 pm - 12:15 pm **Plantar Pressures in Cadaveric Feet Following
Corrective Bony Procedures for the Treatment
of Adult Flatfoot Deformity**
- 12:15 pm - 12:25 pm **Corpectomy and Reconstruction of Anterior Vertebral
Tumors with an Expandable Cage Through a Posterior
Only-Extra-Cavitary Approach**
- 12:25 pm - 12:35 pm **An Isolated Metastatic Spine Tumor Model in Rats**
- 12:35 pm - 12:45 pm Questions
- 12:45 pm - 1:00 pm **Closing Remarks**
David R. Diduch, MD; A. Bobby Chhabra, MD
- 1:00 pm **Business Meeting**
- 1:00 pm Lunch, Activities, Tours (on own)

Special Guest Speakers

Robert A. Arciero, MD

Dr. Robert A. Arciero is a Professor of Orthopaedic Surgery and Sports Medicine Specialists at the University of Connecticut. He received his Medical Degree from Georgetown University School of Medicine and did his residency at Gillette Children's Hospital, Swedish Hospital & Mecal Center & Madigan Army Medical Center. Dr. Arciero completed his Sports Medicine Fellowship training at US Military Academy (West Point) and went on to complete a distinguished military career as the Program Director of the West Point fellowship.

Dr. Arciero is perhaps most well-known for his pioneering work in the area of acute arthroscopic Bankart repair. He is also internationally recognized in many other areas, including multiple ligament knee reconstruction, knee osteotomies, shoulder arthroscopic rotator cuff repair and shoulder acromioclavicular reconstruction. He has published numerous scientific articles, including a landmark paper co-authored by this year's program co-director, and is the recipient of several prestigious awards.

Mark W. Pagnano, MD

Dr. Mark W. Pagnano is an Associate Professor at the Mayo Clinic College of Medicine. He received his Medical Degree from George Washington University School of Medicine and did his Orthopaedic Surgery residency at the Mayo Clinic Graduate School of Medicine. He completed a Joint Reconstruction fellowship at the Insall-Scott-Kelly Institute for Orthopaedics and Sports Medicine and also was the recipient of the John N. Insall Traveling Knee Fellowship.

Dr. Pagnano is internationally recognized in the area of minimally invasive total hip and knee arthroplasty. He has published numerous scientific articles and is the recipient of several prestigious awards. He is frequently asked to present his research on advances in knee and hip surgery at national and international meetings.

Things to Do in the Charlottesville Area

Charlottesville Downtown Mall

The Historic Downtown Mall is considered one of the finest urban parks in the country. Home to a vibrant collection of more than 120 shops and 30 restaurants, it is located among the historic buildings on and around old Main Street Charlottesville. It connects to the Omni hotel complex and hosts live outdoor music on Friday afternoons beginning at 5 pm.

First Colony Winery

Nestled in beautiful Albemarle County, First Colony Winery has combined their focus on producing world-class wines with gracious hospitality. The 5,000 square-foot Tasting Room and Gift Shop facility includes a variety of indoor and outdoor seating areas available for picnics. Tours on the hour from 12 Noon to 4 pm. Tasting/touring fees: None. Directions: On I-64, take exit 121 towards Scottsville. Continue 10 miles past the Monticello Visitor's Center, turn right on Route 720 and continue for one mile. The winery is at end of road.

Michie Tavern

Established in 1784 by Scotsman William Michie, the Tavern served as the social center of its community and provided travelers with food, drink and lodging. This is where the 18th-century counterparts came to dine and socialize. Michie Tavern also consists of The General Store, The Tavern Gift Shop and The Clothier Shop. Open year-round. Admission is free to the museum. 683 Thomas Jefferson Parkway, Charlottesville, VA.

Ash Lawn-Highland

Ash Lawn-Highland is a 535-acre working farm and performing arts site in Albemarle County, Virginia. President James Monroe and his wife, Elizabeth of New York, owned Ash Lawn-Highland from 1793 to 1826 and made it their official residence from 1799 to 1823. General Admission: Adults-\$9.00; Seniors- \$8.00; Children-\$5.00. Open 9 am to 6 pm. 1000 James Monroe Parkway, Charlottesville, VA.

James River Reeling & Rafting

Canoe, raft, tube or kayak down the James River! Have the time of your life spending a relaxing day on the wild and scenic James

River that courses through the wooded foothills of the Blue Ridge Mountains. Please contact James River Reeling & Rafting at 434-286-4FUN to make reservations. Directions: Take Rt. 20 South to the town of Scottsville (18 miles South of I-64). Turn left on Rt. 6 (Main St.) at the Citgo station just before the bridge. Go two blocks. Turn right on Ferry Street. Located on the corner of Main and Ferry Street.

Birdwood Golf

Birdwood is a golf course rich in history. Its verdant hills were part of a 1739 "upland wilderness" land patent, one of the earliest in the colony. In 1819, Birdwood Pavilion was constructed by the same craftsmen who built the Rotunda at the University of Virginia. Over time, the property's prized farmland became a top producer of Hereford cattle and prizewinning show horses. VOS has a limited number of reserved tee times on Saturday afternoon. If interested, please sign up on the meeting registration form.

Shenandoah National Park

There are many exciting things to do at Shenandoah National Park. Some include: fishing, horseback riding, waterfall hikes, picnic areas, and commercial tours. The Park is located at 3655 US Highway 211 East, Luray, VA. Please contact the park at 540-999-3500 for entrance fees.

Monticello

Get an intimate look at the extraordinary house Thomas Jefferson built and furnished for himself and his family. See the books, gadgets, art, furnishings, and objects that reveal Jefferson's unique mind. The guided House Tour covers the rooms on Monticello's first floor and lasts about 30 minutes. Your admission ticket also includes access to the grounds and two optional outdoor-guided tours. Admission: Adults-\$15.00; Children 6-11-\$6.00; Children under 6-Free. Please call 434-984-9880 for information and to make reservations.

UVA – Art Museum

The UVA Art Museum exhibits art from around the world dating from ancient times to present day. UVAM exhibits American and European paintings and sculptures of the 15th-19th centuries including art from

the *Age of Thomas Jefferson*. Gallery Hours: 1:00-5:00. Admission: Free. Directions: Located at 155 Rugby Road, one block North of the Rotunda, on the Grounds of the University of Virginia.

Blue Ridge Balloon Co.

Take a hot air balloon ride in the Blue Ridge Mountains. Make sure you bring a camera and lots of film. Each balloon flight is a unique experience, since you just drift with the wind. Flights are always scheduled in the early morning or in the evening, as these are times when the weather is most favorable. Please call 434-589-6213 to set up a time and to choose a package.

Trail Rides

Oakland Heights Farm would like for you to join them on a trail ride. Trail riding is a great way to spend an hour or two. It is beautiful and peaceful just wandering along a path listening to the leaves rustle in the breeze. Available daily by appointment only: 540-832-3350. Cost: \$40.00 per person, per hour.

Purchase your Lily Tomlin tickets on the meeting registration form.

Lily Tomlin Tickets Available

Friday, May 4, 2007 • 8:00 pm



Lily Tomlin, one of America's foremost comedienne, continues to venture across an everwidening range of media. From her early years on *Laugh-*

In to big screen appearances in *9 to 5*, *The Incredible Shrinking Woman*, and *All of Me*, to recent work in *Tea With Mussolini*, *The Kid*, and TV's *The West Wing*, Tomlin's career is extraordinary. Her numerous awards include six Emmys, Tonys for her one-woman Broadway shows *Appearing Nitely* and *The Search for Signs of Intelligent Life in the Universe*, a Grammy, and two Peabodys. Witty and outrageous, this legendary comic's performance is not to be missed! See the meeting registration form for ticket information.

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Registration Form

Attendees are required to register for the meeting. One form per registrant. Duplicate form if needed.

Mr. Mrs. Ms. Dr. First Name _____ M.I. _____ Last Name _____
 Credentials _____ Specialty _____
 Affiliation/Business/Organization _____
 Primary Mailing Address Home Work Street _____
 City/State/Zip _____
 Country _____ Phone _____ Fax _____
 Email: _____ Please print clearly for successful email delivery of your confirmation letter
 Are you an employee of University of Virginia? Yes No A Resident Physician? Yes No A Fellow? Yes No
 Do you require special assistance because of a disability or do you have any dietary restrictions? If so, please describe _____

 Your Birth Date (MM/DD/YYYY) _____

Registration Fees

Please check appropriate category below. After April 6, 2007, late fees apply.

	Through 4/6/2007	After 4/6/2007	
<input type="checkbox"/> VOS Member	\$75	\$100	\$ _____
<input type="checkbox"/> VOS Non-Member Eligible*	\$195	\$225	\$ _____
<input type="checkbox"/> Emeritus Member	N/C	N/C	N/C
<input type="checkbox"/> Resident/Fellow.....	N/C	N/C	N/C
<input type="checkbox"/> Non-member Physician	\$150	\$200	\$ _____
*Full amount will be applied to 2007 dues and complimentary meeting registration will be offered for the first year.			
SUBTOTAL			\$ _____

Social Events

Friday Night Reception..... # _____ adults *(included in registration)*

Golf at Birdwood..... # _____ adults x \$78.00 each \$ _____

List other names in foursome (if any): 1. _____ 2. _____ 3. _____

Saturday Night Dinner *Sponsored*..... # _____ adults
 # _____ children *(included in registration)*

Lily Tomlin Tickets - Friday, May 4, 2007 - 8:00 pm # _____ @ \$ 59 per ticket \$ _____
 Limited number of tickets. First-come, first-served availability.

GRAND TOTAL **\$ _____**

Payment

Make checks (US currency) payable to: **Virginia Orthopaedic Society** Credit Card Payment: VISA MasterCard
 Card #: _____ Exp Date: _____
 Name on Card: _____ Signature: _____

Refund Policy: 80% refund through 4/6/07; no refund after 4/6/07. Refunds will be determined by date written cancellation is received. All cancellations must be in writing. Golf refunds are possible through April 23, 2007. Tee times reserved for 2:40-3:20 pm (times will be moved earlier if possible). Contact VOS headquarters with any questions.

Please return this form to: Virginia Orthopaedic Society • 2209 Dickens Road • Richmond, VA 23230-2005
 Phone: (804) 282-0063 • Fax: (804) 282-0090



Virginia Orthopaedic Society
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Disclosure of Faculty Financial Affiliations

The University of Virginia School of Medicine, as an ACCME accredited provider, endorses and strives to comply with the Accreditation Council for Continuing Medical Education (ACCME) Standards of Commercial Support, Commonwealth of Virginia statutes, University of Virginia policies and procedures, and associated federal and private regulations and guidelines on the need for disclosure and monitoring of proprietary and financial interests that may affect the scientific integrity and balance of content delivered in continuing medical education activities under our auspices.

The University of Virginia School of Medicine requires that all CME activities accredited through this institution be developed independently and be scientifically rigorous, balanced and objective in the presentation/discussion of its content, theories and practices.

All faculty presenters participating in an accredited CME activity are expected to disclose relevant financial relationships with commercial entities occurring within the past 12 months (such as grants or research support, employee, consultant, stock holder, member of speakers bureau, etc.). The University of Virginia School of Medicine will employ appropriate mechanisms to resolve potential conflicts of interest to maintain the standards of fair and balanced education to the reader. Questions about specific strategies can be directed to the Office of Continuing Medical Education, University of Virginia School of Medicine, Charlottesville, Virginia.

Disclosure of Discussion of Non-FDA Approved Uses for Pharmaceutical Products and/or Medical Devices

The University of Virginia School of Medicine, as an ACCME provider, requires that all faculty presenters identify and disclose any off-label uses for pharmaceutical and medical device products. The University of Virginia School of Medicine recommends that each physician fully review all the available data on new products or procedures prior to clinical use.

CME Activity Participant Requirement

The University of Virginia Office of Continuing Medical Education requires that all participants at live CME activities sign attendance sheets daily to confirm participation in the CME activity for that day. Certificates of attendance, designating the maximum number of hours of participation, are distributed to each participant at the CME activity. Participants are responsible for accurately tracking their actual participation at live events.

Special Needs

The Americans with Disabilities Act of 1990 requires that all individuals, regardless of their disabilities, have equal access. The Office of Continuing Medical Education at the University of Virginia School of Medicine is pleased to assist participants with special needs. Written requests must be received 30 days prior to the conference date. These should be mailed to UVA Office of Continuing Medical Education, Box 800711, Charlottesville, VA 22908 or to uvacme@virginia.edu.