WELCOME

On behalf of the Board of Directors and all the members of the Virginia Orthopaedic Society, welcome to the 65th Annual Meeting at the Williamsburg Lodge in Historic Williamsburg, Virginia! We have organized a meeting that will be both educational and enjoyable for you and your family.

The focus of the meeting will be on two areas in orthopaedics which are applicable to most orthopaedic surgeons across the state: sports medicine and total joint arthroplasty. We have the pleasure of having two keynote speakers this year. Dr. Thomas K. Fehring, Co-Director of The Hip and Knee Center, OrthoCarolina, Charlotte, North Carolina, will speak about Metal on Metal Arthroplasty: Current Concepts and on Fixed Versus Mobile Bearing Total Knee Arthroplasty. Dr. Peter J. Millett, shoulder and sports medicine specialist at The Steadman Clinic in Vail, Colorado, is our invited sports specialist and will speak about the Complex Instability of the Shoulder and update us on Rotator Cuff Repair in 2012.

We are also fortunate to have two arthroplasty debates scheduled, one on anterior versus standard approaches for total hip arthroplasty and a second on total knee arthroplasty versus unicondylar knee arthroplasty. In addition, we have two sports debates scheduled, one on ACL reconstruction: Patellar Tendon versus Allograft and the second on SLAP Tears: Repair versus biceps tenodesis.

To round out the educational program, we will begin with a series of orthopaedic-related topics that are both relevant and informative to the practicing orthopaedic surgeon including updates on regional anesthesia, endocrinology and pediatrics all as they relate to perioperative orthopaedic surgery as well as an update on femur fractures. Dr. William Hazel, Secretary of Health and Human Resources, will give an update on Healthcare in the Commonwealth.

Finally, please enjoy your time at the beautiful Williamsburg Lodge and in Historic Williamsburg. There are a variety of activities that should interest all members of your family. We look forward to seeing you at the opening reception Friday evening. We will also have a new highlight, “exhibitor bingo.” For attendees who visit every exhibitor we will enter you in a drawing for one of two Apple® iPads®.

We hope you enjoy the meeting, please let us know if you have any suggestions on how to improve future meetings.

Sincerely,

D. Nicole Deal, MD
Andrew B. Wolff, MD
Conference Co-Chairs

Program Objectives

Upon completion, participants in the Virginia Orthopaedic Society’s 65th Annual Meeting should be able to:

1. Identify new techniques and trends in regional anesthesia - What to ask your anesthesiologist prior to surgery.
2. Recognize how diabetics affect Orthopaedic surgery outcomes and how should diabetes be managed in a perioperative orthopaedic setting.
3. Identify which disease modifying anti-rheumatic drugs should be continued during surgery, which should be held prior to surgery and how soon should they be restarted after surgery.
4. Discuss treatment of sports related injuries for the general orthopaedic surgeon.
5. Identify new innovations in hip arthroplasty (anterior approach) - emerging technology.
6. Management of Pediatric Fractures - when to treat and when to refer to a pediatric orthopaedist.

Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the American Academy of Orthopaedic Surgeons and the Virginia Orthopaedic Society. The American Academy of Orthopaedic Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

The American Academy of Orthopaedic Surgeons designates this live activity for a maximum of 10 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
FRIDAY - MAY 4, 2012

3:00 pm – 5:00 pm  Registration
5:00 pm – 7:00 pm  Opening Reception with Posters & Exhibitors
7:00 pm  Dinner on your own

SATURDAY - MAY 5, 2012

6:00 am – 6:45 am  Continental Breakfast with Exhibitors
6:00 am – 12:00 noon  Registration Open
6:45 am – 7:00 am  Introduction / Welcome
Derek Ochiai, MD - President
Program Directors: D. Nicole Deal, MD; Andrew B. Wolff, MD

General Session
Moderator: Jonathan E. Isaacs, MD
7:00 am – 7:20 am  Regional Anesthesia: Update on Current Techniques
Ashley M. Shilling, MD
7:20 am – 7:40 am  Femoral Shaft and Subtroch Fractures with Bisphosphonate Use
Gregory F. Domson, MD
7:40 am – 8:00 am  Endocrinology Update: Diabetes and Orthopaedic Surgery
– Caring for diabetic patients in the perioperative period
Sandhya Chhabra, MD
8:00 am – 8:20 am  Dealing with Kids in Orthopaedics
Mark J. Romness, MD
8:20 am – 8:40 am  Trauma Update: Proximal Femur Fractures: How to treat and update on the latest implants
David B. Weiss, MD
8:40 am – 9:20 am  Metal on Metal Current Concepts
Thomas K. Fehring, MD

Abstract Presentations
Moderator: James A. Browne, MD
9:20 am – 9:28 am  Decreased Serum Metal Ion Concentrations Following Revision of Metal on Metal Total Hip Arthroplasty
Thomas E. Brown, MD
9:28 am – 9:36 am  Initial Stability of Press-Fit, Porous Coated Acetabular Components under Rotational Forces
Keith A. Fehring, MD
9:36 am – 9:44 am  Does Patient-Specific Instrumentation Affect Limb Alignment in TKA?: A Radomized Trial
Arjun Saxena, MD
9:44 am – 9:52 am  Patient’s Prefer the Post-Operative Recovery of a Direct Anterior Approach compared to Alternative Surgical Exposures for Total Hip Arthroplasty
John A. Scanelli, MD

- Continued on the following page -
9:52 am – 10:00 am  Discussion / Q&A
10:00 am – 10:30 am  Break with Posters & Exhibitors
10:30 am – 11:00 am  Anterior Approach to the Hip vs. Standard Approaches
                       Standard Approach: William A. Jiranek, MD
                       Anterior Approach: William G. Hamilton, MD
11:00 am – 11:30 am  Total Knee Arthroplasty vs. Uni Knee Arthroplasty
                       TKA: David W. Romness, MD
                       UKA: Tony N. Aram, MD
12:00 pm – 12:30 pm  Update on Healthcare in the Commonwealth
                       William A. Hazel, Jr., MD
12:30 pm – 1:30 pm  Lunch & Business Meeting with Exhibitors
                       Dinner on your own

Optional manufacturer hands-on labs (not for CME credits)

Hands-On Workshops are presented by the manufacturing companies, and are not part of the VOS accredited program. These are optional opportunities presented by the industry to share their latest technology with the physicians in attendance.

## Physician Assistant Breakout

12:15 pm – 2:30 pm
Billing and Reimbursement for PAs in Orthopaedics
Tricia Marriott, PA-C, MPAS

Diagnosis and Treatment of ACL Injuries
Andrea Hebert, PA-C

Elbow Evaluation and Common Athletic Injuries
Sara D. Rynders, MPAS, PA-C

Lunch Included

### Abstracts

**Moderator: Adam L. Shimer, MD**

- **7:00 am – 7:08 am** Results of Open Osteochondroplasty for Femoroacetabular Impingement – a Minimum 2-year Follow-up – Brian Curtin, MD
- **7:08 am – 7:16 am** Prevalence of Spondylolysis and Concomitant Adolescent Idiopathic Scoliosis – Daniel G. Kang, MD
- **7:16 am – 7:24 am** Femoral Tunnel Length in Primary Anterior Cruciate Ligament Reconstruction using an Accessory Medial Portal – Joshua C. Hamann, MD
- **7:24 am – 7:32 am** Outcomes and Risk Factors for Infection and Amputation following Open, Combat-related Calcaneal Fractures – CPT Jonathan F. Dickens, MD
- **7:32 am – 7:42 am** Discussion / Q&A
- **7:42 am – 7:50 am** Return to Sports after Surgery to correct Adolescent Idiopathic Scoliosis: A Surgery of the Spinal Deformity Study Group – Daniel G. Kang, MD
- **7:50 am – 7:58 am** Planter Forces in Flexor Hallucis Longus vs. Flexor Digitorum Longus Transfer in Adult Acquired Flatfoot Deformity – John M. Arnold, MD, MPH
- **7:58 am – 8:06 am** Fullerol Prevents Dexamethasone-Induced Oxidative Stress and Adipogenesis while Enhancing Osteogenesis by Bone Marrow Mesenchymal Stem Cells – Hongjian Liu, MD
- **8:06 am – 8:14 am** BMP-Responsiveness of Human Adipose Derived Stem Cells – Vedavathi Madhu, PhD
- **8:14 am – 8:24 am** Discussion / Q&A
- **8:24 am – 8:35 am** Coffee Break
- **8:35 am – 9:32 am** Management of Complex Instability of the Shoulder – Peter J. Millett, MD, MSc

### Sports Debate

**Moderator: William E. Nordt, III, MD**

9:32 am – 10:27 am  ACL Tear in a 30 Year Old: Patellar Tendon is the way to go
                       PRO: Wilhelm A. Zuelzer, MD / CON: Kevin Bonner, MD

### Sports Panel

**Moderator: Eric Guidi, MD**

10:27 am – 11:22 am  SLAP Tear Repair – Seth Cheatham, MD
                       Biceps Tenodesis: Sameer Nagda, MD
11:22 am – 12:17 pm  Rotator Cuff Repair in 2012 – Peter J. Millett, MD, MSc
12:17 pm – 12:30 pm  Closing Remarks / Awards Ceremony

---

**SUNDAY, MAY 6, 2012**

- **6:30 am – 12:00 noon**  Registration
- **6:30 am – 6:50 am**  Continental Breakfast
- **6:50 am – 7:00 am**  Welcome - Program Directors: D. Nicole Deal, MD; Andrew B. Wolff, MD
- **7:00 am – 7:08 am**  Results of Open Osteochondroplasty for Femoroacetabular Impingement – Brian Curtin, MD
- **7:08 am – 7:16 am**  Prevalence of Spondylolysis and Concomitant Adolescent Idiopathic Scoliosis – Daniel G. Kang, MD
- **7:16 am – 7:24 am**  Femoral Tunnel Length in Primary Anterior Cruciate Ligament Reconstruction using an Accessory Medial Portal – Joshua C. Hamann, MD
- **7:24 am – 7:32 am**  Outcomes and Risk Factors for Infection and Amputation following Open, Combat-related Calcaneal Fractures – CPT Jonathan F. Dickens, MD
- **7:32 am – 7:42 am**  Discussion / Q&A
- **7:42 am – 7:50 am**  Return to Sports after Surgery to correct Adolescent Idiopathic Scoliosis: A Surgery of the Spinal Deformity Study Group – Daniel G. Kang, MD
- **7:50 am – 7:58 am**  Planter Forces in Flexor Hallucis Longus vs. Flexor Digitorum Longus Transfer in Adult Acquired Flatfoot Deformity – John M. Arnold, MD, MPH
- **7:58 am – 8:06 am**  Fullerol Prevents Dexamethasone-Induced Oxidative Stress and Adipogenesis while Enhancing Osteogenesis by Bone Marrow Mesenchymal Stem Cells – Hongjian Liu, MD
- **8:06 am – 8:14 am**  BMP-Responsiveness of Human Adipose Derived Stem Cells – Vedavathi Madhu, PhD
- **8:14 am – 8:24 am**  Discussion / Q&A
- **8:24 am – 8:35 am**  Coffee Break
- **8:35 am – 9:32 am**  Management of Complex Instability of the Shoulder – Peter J. Millett, MD, MSc

**Sports Debate**

**Moderator: William E. Nordt, III, MD**

9:32 am – 10:27 am  ACL Tear in a 30 Year Old: Patellar Tendon is the way to go
                       PRO: Wilhelm A. Zuelzer, MD / CON: Kevin Bonner, MD

**Sports Panel**

**Moderator: Eric Guidi, MD**

10:27 am – 11:22 am  SLAP Tear Repair – Seth Cheatham, MD
                       Biceps Tenodesis: Sameer Nagda, MD
11:22 am – 12:17 pm  Rotator Cuff Repair in 2012 – Peter J. Millett, MD, MSc
12:17 pm – 12:30 pm  Closing Remarks / Awards Ceremony

---

**FACULTY**

- **William A. Jiranek, MD**
  VCU Medical Center
  Richmond, VA
- **Tricia Marriott, PA-C, MPAS**
  Director
  American Academy of Physician Assistants
  Waterbury, CT
- **Peter J. Millett, MD, MSc**
  The Steadman Clinic
  Vail, CO
- **Sameer Nagda, MD**
  Anderson Orthopaedic Clinic
  Arlington, VA
- **William E. Nordt, III, MD**
  West End Orthopaedic Clinic
  Richmond, VA
- **David W. Romness, MD**
  Clinical Assistant Professor
  Georgetown University
  Arlington, VA
- **Mark J. Romness, MD**
  Associate Professor
  University of Virginia
  Charlottesville, VA
- **Sara D. Rynders, MPAS, PA-C**
  University of Virginia Hand Center
  Charlottesville, VA
- **Ashley M. Shilling, MD**
  Associate Professor
  University of Virginia
  Charlottesville, VA
- **Adam L. Shimer, MD**
  Assistant Professor
  University of Virginia
  Charlottesville, VA
- **David B. Weiss, MD**
  Associate Professor
  University of Virginia
  Charlottesville, VA
- **Wilhelm A. Zuelzer, MD**
  Professor
  VCU Medical Center
  Richmond, VA
Virginia Orthopaedic Society
65th Annual Meeting • May 4-6, 2012 • Williamsburg Lodge • Williamsburg, VA
Registration Form

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 ___________________________________________________________________________________

City/State/Zip _____________________________________________________________________________________________________

Country __________________ Office Phone ______________________ Fax ______________________

Email* ___________________________ Please print clearly for successful email delivery of your confirmation letter.

*Email is required for registration confirmation.

Are you 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 ___________________________

Registration Fees

Please check appropriate category below. After April 1, 2012, late fees apply.

<table>
<thead>
<tr>
<th>Category</th>
<th>Through 4/1/2012</th>
<th>After 4/1/2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOS Member</td>
<td>$100</td>
<td>$125</td>
</tr>
<tr>
<td>VOS PA ☐ NP</td>
<td>$50</td>
<td>$75</td>
</tr>
<tr>
<td>VOS Non-Member Eligible*</td>
<td>$300</td>
<td>$345</td>
</tr>
<tr>
<td>Emeritus Member</td>
<td>$150 N/C</td>
<td></td>
</tr>
<tr>
<td>Resident ☐ Fellow</td>
<td>$150 N/C</td>
<td></td>
</tr>
<tr>
<td>Non-Member Physician</td>
<td>$150 N/C</td>
<td></td>
</tr>
<tr>
<td>Non-Member PA, PT, NP*</td>
<td>$200 N/C</td>
<td></td>
</tr>
<tr>
<td>Friday Night Reception with Exhibitors</td>
<td>N/C</td>
<td>$25</td>
</tr>
</tbody>
</table>

# of Adults # of Children

TOTAL $ _____________

* Full amount will be applied to 2012 dues and you will receive complimentary meeting registration this year.

Payment

Make checks (US currency) payable to: Virginia Orthopaedic Society  Credit Card Payment: ☐ VISA ☐ MasterCard ☐ Discover

Credit Card No. ______________________________________________ Exp. Date __________ CVV Security Code** __________

Billing Address _______________________________________________________________________ Billing Zip Code _________

Signature ___________________________________________ Printed Name on Card __________________________________

**CVV code is the three digit number on the back of VISA, MC or Discover.

Refund Policy: 80% refund through 4/1/12; no refund after 4/1/12. Refunds will be determined when date written cancellation is received. All cancellations must be in writing. Contact the 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

PLEASE NOTE

If you do not receive a confirmation letter from the VOS office within 30 days of submitting your completed registration form and payment information, please call the VOS office at (804) 282-0063 to confirm that your registration material has been received.
Dr. Peter Millett is a Partner and Director of Shoulder Surgery at the Steadman Clinic in Vail, Colorado. Consistently selected as one of the “Best Doctors in America,” Dr. Millett specializes in sports medicine disorders of the shoulder, knee, and elbow. He uses advanced open and arthroscopic surgical techniques to restore damaged joints, ligaments, and bones. A focus of his is advanced shoulder arthroscopy and the treatment of athletes with shoulder injuries. He also has expertise in complex and revision shoulder surgery.

Prior to coming to Vail, he held a faculty appointment at Harvard Medical School and was formerly Co-Director of the Harvard Shoulder Service and the Harvard Shoulder Fellowship. While in Boston, he also founded and directed the Musculoskeletal Proteomics Research Group at Harvard, where his team discovered and patented the protein profile for osteoarthritis. His clinical practice in Boston was based at the prestigious Brigham & Women’s and Massachusetts General Hospitals.

He has authored over 200 peer-reviewed, scientific articles and book chapters, and three books on Orthopaedics, Sports Medicine, and Shoulder Surgery. His academic work has been recognized with awards from several international societies, including a recent recognition from US News & World Reports where he was ranked in the top 1% of his specialty.

Dr. Millett also serves as a shoulder and sports medicine consultant to the country of Bermuda and has treated elite athletes from the NFL, NBA, MLB, X-Games, and the Olympics. Board Certified by the American Board of Orthopaedic Surgery, Dr. Millett is also a member of numerous academic societies including the American Academy of Orthopaedic Surgeons, the American Shoulder and Elbow Surgeons, the American Orthopaedic Society for Sports Medicine, the Orthopaedic Research Society, the Arthroscopy Association of North America.

Dr. Millett is also affiliated with the United States Ski and Snowboard Association and has served as a team physician for the U.S. Ski Team and a consultant to the Montreal Canadiens, professional hockey club. A native of Pennsylvania, Dr. Millett received his undergraduate degree from the University of Scranton and his medical degree from Dartmouth Medical School in Hanover, New Hampshire. He also studied as a research scholar at the University of Cambridge in England, where he was awarded a master’s degree in science (M.Sc.) for his work in skeletal biology.

Dr. Thomas Fehring graduated cum laude from Wake Forest University where he played varsity football and received an NCAA postgraduate scholarship for excellent in athletics and academics. He completed his orthopedic residency at Vanderbilt University and completed a fellowship in Adult Reconstructive Surgery in Boston.

Dr. Fehring helped establish the OrthoCarolina Hip and Knee Center in Charlotte, NC, where he has practiced for over 25 years. During that time he has been involved in teaching residents and fellows and currently is Director of the OrthoCarolina Adult Reconstructive Fellowship.

His clinical interests are in revision hip and knee arthroplasty. He has published widely on topics related to hip and knee arthroplasty. His clinical research has focused on revision surgery, prosthetic instability, osteolysis and infection. His basic science research has focused on acetabular component design and prosthetic knee design. He is an active member of the Hip Society and is in the presidential line for the Knee Society and the American Association of Hip and Knee Surgeons.

The Spa at Williamsburg
A Continuum of Wellness, where you will experience healing therapies inspired by five centuries of wellness practices. Includes a fitness training quarters, indoor pool, 12 soothing treatment rooms, a hair and nail salon, elegant dressing rooms complete with whirlpools. Truly the spa of the centuries.

Golden Horseshoe Golf Club
Experience the serenity of golfing in an Audubon sanctuary with no encroaching real estate – and earn bragging rights for having played at one of the country’s finest golf clubs. Play one of the country’s first island greens on the Gold Course, enjoy the tournament-friendly Green Course, or get in a warm-up round on our nine-hole executive Spotswood Course.

Pierce’s Pit BBQ
Since 1971, people have enjoyed coming to Pierce’s Pit for delicious, hickory-smoked, Tennessee-style Bar-B-Que made with “Doc” Pierce’s Original Bar-B-Que Sauce. It all started when Julius C. (Doc) Pierce set out from Flat Creek, Tennessee for Virginia with his family and their prized bar-b-que sauce recipe. Once there, he settled in Williamsburg and opened Pierce’s Pit. The rest, as they say, is history.

Cheese Shop Café
New Merchants Square location! More than 200 imported and domestic cheeses, over 3,000 great value wines in the new wine cellar, freshly baked breads, specialty foods and the renowned Cheese Shop sandwich. Family owned and operated since 1971.

Prime Outlets
Prime Outlets at Williamsburg, ranked within the top ten centers in the outlet industry, boasts over 80 major brand name stores.
In order to qualify for these special group rates, 
The Williamsburg Lodge must receive your reservation request by 
April 2, 2012

Rooms and Rates are Subject to Availability
Disclosure of Faculty Financial Affiliations

The American Academy of Orthopaedic Surgeons (AAOS), as an ACCME accredited provider, and the Virginia Orthopaedic Society (VOS) endorse and strive to comply with the Accreditation Council for Continuing Medical Education (ACCME) Standards of Commercial Support, Commonwealth of Virginia statutes, 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 AAOS and VOS require 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 required 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 AAOS and VOS 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, American Academy of Orthopaedic Surgeons, 6300 North River Road, Rosemont, IL 60018-4262.

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

The American Academy of Orthopaedic Surgeons (AAOS) and VOS, as ACCME providers, require that all faculty presenters identify and disclose any off-label uses for pharmaceutical and medical device products. AAOS recommends that each physician fully review all the available data on new products or procedures prior to clinical use.

CME Activity Participant Requirement

The American Academy of Orthopaedic Surgeons Office of Continuing Medical Education and VOS require 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.