Pennsylvania Orthopaedic Society
2014 Spring Scientific Meeting

TREATING MUSCULOSKELETAL DISEASE IN AN AGING POPULATION

April 10-11, 2014

The Hotel Hershey
Since 1933
Description
This course is designed for practicing orthopaedic surgeons, orthopaedic residents and fellows, and medical students who plan to specialize in the practice of orthopaedic surgery. The need for this program arose from the responses from previous course evaluations.

Educational Objectives
Upon completion of this course, the participant should be able to:
- Identify, evaluate and treat musculoskeletal issues of the aging population in the upper extremity.
- Recognize, evaluate and treat musculoskeletal issues of the aging population in the lower extremity.
- Identify, evaluate and treat musculoskeletal traumatic injuries in the aging population.
- Apply evidence-based medicine, best-practices and novel medical and surgical approaches to the above.
- Understand medical and pain management issues specific to the aging population that will impact musculoskeletal care.

Accreditation Statement
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 Pennsylvania 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 13.5 AMA PRA Category 1 Credits™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

Faculty Disclosure
A complete listing of faculty is included in this program. Any and all faculty disclosures will be provided in the Final Program which will be distributed at the course to all meeting attendees.

Disclaimer
The material presented in this continuing medical education program is being made available by the American Academy of Orthopaedic Surgeons and the Pennsylvania Orthopaedic Society (POS) for educational purposes only. The material is not intended to represent the only, nor necessarily the best, methods or procedures appropriate for the medical situation discussed, but rather is intended to present an approach, view statement, or opinion of the authors or presenters, which may be helpful, or of interest, to other practitioners.
# PROGRAM

**Thursday, April 10, 2014**

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:30-7:15am</td>
<td>Registration • Continental Breakfast</td>
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| 7:15-7:30am | Welcome  
**Kevin Black, MD**  
Announcements  
**Charles Davis III, MD, Ph.D.** |

## Session I  TOTAL HIP & KNEE ARTHROPLASTY

**Moderators:**  
**Gregg Raab, MD; Neil Sheth, MD**

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| 7:30-7:50am | Diagnosis and Management of Osteolysis Around a Well Fixed THA  
**Neil Sheth, MD** |
| 7:50-8:10am | Hip Replacement in the Geriatric Patient – Special Considerations for a Special Patient Population  
**Brian Klatt, MD** |
| 8:10-8:30am | Primary TKA Tutorial: Techniques to Avoid Common Causes of Revision Surgery  
**James Fenwick, MD** |
| 8:30-8:50am | Pain Management After TKA  
**Brett Perricelli, MD** |
| 8:50-9:00am | Q & A                                                                |
| 9:00-9:30am | MORNING BREAK / VISIT EXHIBITS                                       |

## Session II  TUMOR & METABOLIC DISEASE

**Moderators:**  
**Edward Fox, MD; Thomas Bowen, MD**

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| 9:30-9:50am | Primary Bone / Soft Tissue Sarcomas: Keeping Out of Trouble  
**John Abraham, MD** |
| 9:50-10:10am | Metastatic Disease Ortho. Management: Rod vs. Plate  
**Thomas Bowen, MD** |
| 10:10-10:30am | Osteoporosis: What the Orthopaedist Should Know  
**Edward Fox, MD** |
| 10:30-10:50am | Discussion / Q & A                                                   |

## Session III  THE AGING FOOT

**Moderators:**  
**Paul Juliano, MD; Gerard Cush, MD**

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| 10:50-11:00am | Achilles Tendon  
**Blake Moore, MD** |
| 11:00-11:10am | Posterior Tibial Tendon Dysfunction  
**Umur Aydogan, MD** |
| 11:10-11:20am | Mid-Foot Arthritis  
**Steven Lillmars, DO** |
| 11:20-11:30am | Bunion  
**Stephen Conti, MD** |
11:30-11:40am  Lesser Toe Deformities  
Carl Hasselman, MD

11:40-11:50am  Advances in Ankle Replacement  
Alexander Kline, MD

11:50am-12:00pm  Q & A

12:00-1:30pm  Luncheon: Speaker  
Governor Tom Corbett

**Session IV  TRAUMA**

**Moderators:**  Henry Boateng, MD; William Delong, MD

1:30-1:50pm  Periprosthetic Fractures  
Ney Nwachuku, MD

1:50-2:10pm  Alternatives to Internal Fixation in Osteoporotic Bone  
J. Spence Reid, MD

2:10-2:30pm  Challenges of Instituting a Geriatric Fracture Program  
Alan Klein, MD

2:30-2:50pm  Acetabular Fractures in Geriatric Patients  
Gary Updegrove, MD

2:50-3:00pm  Q & A

3:00-3:30pm  AFTERNOON BREAK / VISIT EXHIBITS

**Session V  WRIST / HAND**

**Moderators:**  Kenneth Taylor, MD; Jack Ingari, MD

3:30-3:40pm  Introduction to Distal Radius Fractures  
Jack Ingari, MD

3:40-3:55pm  Distal Radius Current Concepts  
Michael Darowish, MD

3:55-4:05pm  Rehabilitation of Distal Radius Fractures  
Kathleen Beaulieu, OTR/L, CHT

4:05-4:15pm  Introduction to Thumb CMC Osteoarthritis  
Kenneth Taylor, MD

4:15-4:30pm  Thumb CMC Osteoarthritis Current Concepts  
Alexander Payatakes, MD

4:30-4:40pm  Rehabilitation of Thumb CMC Osteoarthritis  
Dierdre Curran, Ms, OTR/L

4:40-4:50pm  Q & A
Friday, April 11, 2014

6:30-7:15am Registration • Continental Breakfast

7:15-7:20am Announcements
Charles Davis III, MD, Ph.D.

Session VI  SHOULDER

Moderators: April Armstrong, BSc(PT), MSc, MD, FRCSC; Joseph Abboud, MD

7:20-7:30am Update on Treatment of Rotator Cuff Tears
Hyun-Min (Mike) Kim, MD

7:30-7:45am Joint Replacement for Proximal Humerus Fractures
Jack Kazanjian, DO, FAOAO

7:45-8:00am New Advances in Anatomic Total Shoulder Arthroplasty
Mark Lazarus, MD

8:00-8:15am Update on the Reverse Ball and Socket Implant
Matthew Kelly, MD

8:15-8:30am Discussion / Q & A

8:30-9:00am Forever Young: The Aging Athlete
Matthew Silvis, MD

9:00-9:30am MORNING BREAK / VISIT EXHIBITS

Session VII  HEALTHCARE REFORM, POLITICAL ISSUES

Moderator: Kevin Black, MD

9:30-9:35am POS Business Meeting
Kevin Black, MD

9:35-10:05am Legal Issues & Continuing Challenges in Healthcare
Michael Suk, MD, JD, MPH, FACS

10:05-10:15am OrthoPAC Update
Charles (Chip) Hummer III, MD

10:15-10:45am How the Clinical Co-management Agreements can be Beneficial to Both
the Hospital & Physicians
Todd Godfrey

10:45-11:00am Discussion / Q & A

Session VIII  FELLOW / RESIDENT PRESENTATIONS

Moderator: Angela Rowe, DO

11:00-11:10am Healing Time and Complications in Operatively Treated Atypical Femur
Fractures Associated With Bisphosphonate Use: A Multicenter Series
Kristin McPhillips

11:10-11:20am Incidence of Injury to the Infrapatellar Branch of the Saphenous Nerve
After ACL Reconstruction: A Prospective Study
Ryan Watson, BA

11:20-11:30am Distal Peripheral Neuropathy After Open and Arthroscopic
Shoulder Surgery: An Under-Recognized Complication
Benjamin Golden Thomasson, DO
11:30-11:40am Chondroprotection and the Prevention of Osteoarthritis Progression of the Knee: A Systematic Review of Treatment Agents Brian Gallagher, BS

11:40-11:50am Outcomes for Ulnar Collateral Ligament Reconstruction: A Retrospective Review Using a Validated Assessment Tool with 2 Year Follow-Up Daniel Woods, MD

11:50am-12:00pm Discussion / Q & A

12:00-1:30pm Announce Fellow/Resident Winner & Luncheon Speaker Operation Walk Thomas Muzzonigro, MD

Session IX ANESTHESIA & MEDICAL COMPLICATIONS

Moderators: Eileen Hennrikus, MD; Sanjib Adhikary, MD

1:30-1:55pm Preventing post-op Delirium in the Geriatric Patient Nicole Osevala, MD / Geriatrician

1:55-2:20pm The Homeostenotic (Aging) Patient: Anesthesia and Pain Management Thomas Verbeek, MBChB / Anesthesiologist

2:20-2:45pm Discussion / Q & A

2:45-3:15PM AFTERNOON BREAK / VISIT EXHIBITS

Session X SPINE

Moderator: Mark Knaub, MD

3:15-3:35pm Spine Surgery in Older Patients: Concerns and Considerations Jeffrey Rihn, MD

3:35-3:55pm Odontoid Fractures in the Elderly Matthew Eager, MD

3:55-4:15pm Osteoporotic Compression Fractures Patrick Smith, MD

4:15-4:30pm Q & A, Closing Remarks!

Thank you for your participation. Meeting Adjourned!
Program Chairman

Charles Davis III, MD, Ph.D.
Chief Hip and Knee Arthroplasty Division, Professor of Orthopaedics and Rehabilitation, Penn State Hershey Medical Center, Hershey, PA

Guest Faculty

Governor Tom Corbett
Commonwealth of Pennsylvania

Todd Godfrey
Senior Manager, ECG Management Consultants, Inc., Boston, MA

Michael Suk, MD, JD, MPH, FACS
Chairman, Department of Orthopaedic Surgery, Geisinger Health System, Danville, PA

Invited Faculty

Joseph Abboud, MD
Associate Professor, Orthopedic Surgery, Shoulder and Elbow Surgery, Thomas Jefferson University, The Rothman Institute, Philadelphia, PA

John Abraham, MD
Assistant Professor of Orthopedic Surgery and Radiation Oncology, Chief of Orthopedic Oncology, The Rothman Institute, Philadelphia, PA

Sanjib Adhikary, MD
Associate Professor of Anesthesiology, Division Director for Regional Anesthesia and Acute Pain Medicine, Department of Anesthesiology, Penn State College of Medicine, Hershey, PA

April Armstrong, BSc(PT), MSc, MD, FRCSC
Professor, Chief Shoulder and Elbow Surgery, Associate CMO PSHMG Surgical Care, Penn State Hershey Medical Center, Bone and Joint Institute, Hershey, PA

Umur Aydogan, MD
Assistant Professor, Foot and Ankle Surgery, Penn State Hershey Medical Center, Penn State College of Medicine, Penn State Hershey Bone and Joint Institute, Hershey, PA

Kathleen Beaulieu, OTR/L, CHT
Occupational Therapist, Certified Hand Therapist, Penn State Hershey Medical Center, Hershey, PA

Kevin Black, MD
President, Pennsylvania Orthopaedic Society, Professor and C. McCollister Evarts Chair, Department of Orthopaedics and Rehabilitation, Vice Dean for the University Park Regional Medical Campus, Penn State Hershey Medical Center, Hershey, PA

Henry Boatseng, MD
Associate Professor, Orthopaedic Trauma Service, Penn State Hershey Medical Center, Hershey, PA

Thomas Bowen, MD, FAAOS
Associate, Department of Orthopaedic Surgery, Director, Sarcoma and Bone Cancer Clinic, Geisinger Health System, Danville, PA

Michael Conti, MD
Chairman, Department of Orthopaedic Surgery, University of Pittsburgh School of Medicine, Orthopaedic Foot and Ankle Surgeon, Orthopaedic Specialties-UPMC, Pittsburgh, PA

Dierdre Curran, MS, OTR/L
Occupational Therapist, Penn State Hershey Medical Center, Hershey, PA

Gerard Cush, MD
Chief, Foot and Ankle Surgery, Director, Orthopaedic Residency Program, Geisinger Health System, Danville, PA

Michael Darowish, MD
Assistant Professor, Hand Service, Bone and Joint Institute, Penn State Hershey Medical Center, Hershey, PA

William DeLong Jr., MD
Charles and Anna Kasych Chair Professor of Orthopaedic Surgery, Anatomy and Cell Biology, Temple School of Medicine, Chief of Orthopaedic Surgery, St. Luke’s University Health Network, Bethlehem, PA

Matthew Eager, MD
Orthopaedic Spine Surgeon, SUN Orthopaedics of Evangelical Evangelical Community Hospital, Lewisburg, PA

Edward Fox, MD
Orthopaedic Surgeon, Hanover, PA

Carl Hasselman, MD
Clinical Instructor, Three Rivers Orthopedics-UPMC, Pittsburgh, PA
Eileen Hennrikus, MD  
Associate Professor of Medicine,  
Penn State Hershey Medical Center,  
Hershey, PA

Charles (Chip) Hummer III, MD  
Orthopaedic Surgeon, Premier Orthopaedics,  
Medical Director/Team Physician, Swarthmore College, Medical Director/Team Physician  
Philadelphia Union of MLS, Upland, PA

John Ingari, MD  
Fellowship Director, York Hand Fellowship, York PA Asst. Prof of Surgery, Uniformed Services University of the Health Sciences, York, PA

Paul Juliano, MD  
Professor, Vice Chair, Resident Program Director, Penn State Bone and Joint Institute, Foot and Ankle Specialist, Penn State Hershey Medical Center, Hershey, PA

Mark Lazarus, MD  
Associate Professor, Department of Orthopaedic Surgery, The Rothman Institute, Thomas Jefferson University, Philadelphia, PA

Steven Lillmars, DO, FAAOS  
Orthopaedic Surgeon, Geisinger Health System, Danville, PA

Thomas Muzzonigro, MD  
Director of Orthopaedic Services, Butler Health System; Partner, Tri Rivers Surgical Associates, Pittsburgh, PA

Hyun-Min (Mike) Kim, MD  
Assistant Professor, Shoulder and Elbow Service, Department of Orthopaedics and Rehabilitation, Penn State Hershey Medical Center, Hershey, PA

Chinenye Nwachuku, MD  
Orthopaedic Trauma, St. Luke’s University Health Network, Assistant Clinical Professor of Orthopaedic Surgery, Temple University School of Medicine, Philadelphia, PA

Matthew Kelly, MD  
Orthopaedic Surgeon, Orthopedic Institute of Pennsylvania, Camp Hill, PA

Jack Kazanjian, DO, FAOAO  
Assistant Clinical Professor – Department of Orthopaedic Surgery, Philadelphia College of Osteopathic Medicine, Premier Orthopaedics and Sports Medicine Associates, Havertown, PA

Matthew Silvis, MD  
Program Director, Penn State Primary Care Sports Medicine Fellowship, Hershey  
Associate Professor, Departments of Family and Community Medicine & Orthopedics and Rehabilitation, Penn State Hershey Medical Center, Hershey, PA
Patrick Smith, MD  
Clinical Instructor, Three Rivers Orthopaedics, UPMC-St. Margaret’s Hospital, Pittsburgh, PA

Kenneth Taylor, MD  
Associate Professor, Chief, Division of Orthopaedic Hand Surgery, Penn State Hershey Medical Center, Hershey, PA

Thomas Verbeek, MBChB  
Assistant Professor of Anesthesiology, Penn State Hershey Medical Center, Hershey, PA

Fellow / Resident Speakers

Brian Gallagher, BS  
BS, The Rothman Institute, Thomas Jefferson University, Philadelphia, PA

Kristin McPhillips  
Research Fellow, Geisinger Health System, Danville, PA

Blake Moore, MD  
Fellow, Department of Orthopaedics, Penn State Hershey Medical Center, Hershey, PA

Benjamin Golden Thomasson, DO  
Chief Orthopedic Resident, Rowan University School of Osteopathic Medicine, Stratford, NJ

Gary Updegrove, MD  
Resident, Department of Orthopaedic Surgery, Penn State Hershey Medical Center, Hershey, PA

Ryan Watson, BA  
Medical Student, Jefferson Medical College, Philadelphia, PA

Daniel Woods, MD  
Fellow, The Rothman Institute, Philadelphia, PA
Hershey, Pennsylvania is known the world over as Hershey The Sweetest Place On Earth®. A year-round destination with a wide array of attractions, Hershey was rated a top family vacation spot by Smart Money and FamilyFun magazines. Hershey is conveniently located in Central Pennsylvania, just 90 minutes from Baltimore and Philadelphia, 2 hours from Washington, DC and 3 hours from New York City.

Please call 717.533.2171 or 1.800.437.7439 to make your reservations for The Hotel Hershey®. When making your reservations, be certain to identify yourself as part of the Pennsylvania Orthopaedic Society 2014 Spring Meeting block. Reservation ID number is #1317298. The daily room rate for the POS room block is $199 and is subject to an additional 5% occupancy and 6% sales tax. Complimentary parking for all guests.

A limited number of rooms are available at the POS group rate. Reservations must be made by March 14, 2014 to receive the POS rate. Check in available after 4:00pm / check-out 12:00pm. PLEASE MAKE YOUR RESERVATIONS EARLY. For more Hotel information please visit the following website: www.thehotelhershey.com.

POS Welcome Reception ~ The Fountain Lobby

Wednesday, April 9, 6:00 – 7:30pm

Come mingle with family, colleagues, and friends at the POS Welcome Reception.

Complimentary drinks and hors d’oeuvres will be served.
Open to all attendees and a guest.

EXHIBITORS please go to our website:
www.paorthosociety.org
or email
Susan Sands at susan@paorthosociety.org

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PHYSICIAN REGISTRATION

Pennsylvania Orthopaedic Society 2014 Spring Scientific Meeting
Treating Musculoskeletal Disease in an Aging Population
April 10–11, 2014
The Hotel Hershey, Hershey, PA

Register by March 14th and save $75.
You can also register online at www.paorthosociety.org

Last Name: ___________________________________________ Title (MD/DO): __________________
First Name: ___________________________________________
Office Address: _________________________________________
City, State, Zip: _______________________________________
Email: ________________________________________________
Office Phone: __________________________________________
Office Contact: _________________________________________

Registration fee includes admission to scientific sessions, continental breakfasts, luncheons, refreshment breaks, exhibit hall, and Wednesday Welcome Reception (attendee and one guest).

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Wednesday Welcome Reception
(attendee & one guest @ no charge) (number) __________

Payment Method (Please check appropriate box): TOTAL $ __________

☐ CHECK enclosed made payable to POS
☐ CREDIT CARD: _____AMEX _____VISA _____MC

Card Number: ___________________________________________
Exp Date: _____________ Security Code: __________________________
Signature: __________________________________________________

Please mail this form with payment to: Susan Sands
Pennsylvania Orthopaedic Society – 510 N. 3rd St., 3rd Fl., Harrisburg, PA 17101
Phone: 717-909-8901 / Fax: 717-909-8906 / susan@paorthosociety.org

Cancellation Policy: There will be a $100 processing fee for cancellations received before March 14, 2014. Refunds will NOT be granted for cancellations received on or after March 14, 2014.
UPCOMING POS MEETINGS

March 18, 2014
Specialty Specific ICD-10 Training: Orthopaedics in 2014
Crowne Plaza Valley Forge
King of Prussia, PA

March 27, 2014
Specialty Specific ICD-10 Training: Orthopaedics in 2014
Sheraton Station Square Hotel
Pittsburgh, PA

October 23-24, 2014
Fall Scientific Meeting
Controversies in Orthopaedic Trauma
Nemacolin Woodlands Resort
Farmington, PA