Multi-Subspecialty Collaboration for Complex Cases

plus

Advocacy – Government and Physicians, Partners in Patient Care

Henry Boateng, MD, Program Co-Chair
Peter Siska, MD, Program Co-Chair
Patrick Smith, MD, President
TRAUMA:
Multi-Subspecialty Collaboration for Complex Cases plus
Advocacy – Government and Physicians, Partners in Patient Care

Description
This course is designed for practicing orthopaedic surgeons, orthopaedic residents and fellows, orthopaedic PA-Cs, 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:

• Discuss surgical approaches to traumatic injuries to the spine including cervical, lumbo-pelvic, and spinal cord.

• Improve management of the poly-traumatic patient having gained knowledge of surgical and non-surgical treatment applied by general surgeons, neurosurgeons, critical care physicians, and neurosurgeons to these patients.

• Discuss treatment of proximal humerus fractures and other traumatic injuries to the upper extremity.

• Describe the management of complex acetabular fractures in the geriatric patient.

• List applications of arthroplasty and other techniques for complex periprosthetic fractures.

• Improve surgical techniques for multi-ligament injuries to the knee and fractures to the tibial plateau rim.

• Discuss the strategic steps taken to introduce, advance, and pass state legislation designed to have a positive impact on the delivery of orthopaedic care.

• Explain how the individual physician can build credibility with the media in light of their state society’s advocacy efforts.

Accreditation Statement
This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership 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 15.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Faculty List & 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 available 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 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, October 26, 2017

6:30–7:15 am  Registration/Continental Breakfast

7:15–7:30 am  WELCOME
   Patrick Smith, MD

ANNOUNCEMENTS
   Henry Boateng, MD, Peter Siska, MD

Session I  TRAUMATIC SPINE

Moderator:  Barrett Woods, MD

7:30–7:45 am  Management of Cervical Flexion Distraction Injuries:
   Closed Reduction or MRI?
   Mark Knaub, MD

7:45–8:00 am  Gun Shot Injuries to the Spine
   William Donaldson, MD

8:00–8:15 am  Management of Cervical Fracture Dislocations with Spinal Cord Injury
   Barrett Woods, MD

8:15–8:25 am  DISCUSSION

8:25–8:40 am  Thoracic Spine Trauma
   Jesse Bible, MD

8:40–9:55 am  Lumbopelvic Fixation in Trauma
   Daniel Altman, MD

8:55–9:05 am  DISCUSSION

9:05–9:35 am  Break/Visit Exhibitors

Session II  PERIPROSTHETIC FRACTURES

Moderator:  Chinenye Nwachuku, MD

9:35–9:50 am  Treating Hip and Knee Periprosthetic Fractures with Revision Surgery
   Brian Klatt, MD

9:50–10:05 am  Update on Classification and Treatment of Periprosthetic Hip and
   Knee Fractures
   Michael O’Malley, MD

10:05–10:15 am  DISCUSSION

10:15–10:30 am  Minimizing Reoperation After Periprosthetic Fracture
   Gele Moloney, MD

10:30–10:45 am  Management of Vancouver B Fractures
   Chinenye Nwachuku, MD

10:45–10:55 am  DISCUSSION
### Session III  
**ACETABULAR FRACTURES**

**Moderator:** Saqib Rehman, MD  
**10:55–11:10 am**  
Geriatric Acetabulum Fractures: Indications for Fixation vs. Arthroplasty  
*Matthew Garner, MD*  

**11:10–11:25 am**  
Management of Acetabular Fractures in the Elderly  
*Saqib Rehman, MD*  

**11:25–11:35 am**  
**DISCUSSION**  

**11:35–11:50 am**  
Superiomedial Dome Impaction in Geriatric Acetabular Fractures  
*Henry Boateng, MD*  

**11:50–12:05 am**  
To Be Determined  
*Susan Harding, MD*  

**12:05–12:15 pm**  
**DISCUSSION**  

**12:15–1:20 pm**  
Lunch/Visit Exhibits  
Speakers: *Governor Tom Wolf, Senate Majority Leader Jake Corman*

### Session IV  
**STATE ADVOCACY TRAINING PART I**

**Moderator:** Jonathan Bigley, Esquire  
**1:30–2:00 pm**  
Legislation of POS's Past  
*Representative Stephen Barrar, Thomas Muzzonigro, MD*  

**2:00–2:30 pm**  
Legislation of POS's Present  
*Representative Tedd Nesbit, Jonathan Bigley, Esquire*  

**2:30–3:00 pm**  
Legislation of POS's Future  
*Representative Marguerite Quinn, Jonathan Bigley, Esquire*  

**3:00–3:30 pm**  
Break/Visit Exhibits

### Session V  
**RESIDENT / FELLOW PRESENTATIONS**

**Moderator:** Peter Siska, MD  
**3:30–3:40 pm**  
Impact of Orthopaedic Surgeon-Patient Interaction in the Emergency Department on Orthopaedic Trauma Follow-Up  
*Gerald Andah, MD*  

**3:40–3:50 pm**  
Delayed Presentations of Thermally-Induced Isthmic Avascular Necrosis of the Tibia as a Complication of Reamed Intramedullary Nailing  
*Christopher Kowalski, MD*  

**3:50–3:55 pm**  
**DISCUSSION**  

**3:55–4:05 pm**  
Disparities in Access to Care Among Sports Medicine Patients in Pennsylvania: Factors Contributing to Poor Access for Medicaid Patients  
*Ryan Ridenour, MD*  

**4:05–4:15 pm**  
Patient Versus Provider Perception of Pain Control in Orthopedic Trauma Patients  
*Colin Vroome, MD*  

**4:15–4:20 pm**  
**DISCUSSION**
4:20–4:30 pm  
Increased Medial Displacement of Humeral Shaft Correlates with Increased Incidence of Nerve Injury in Displaced Proximal Humerus Fractures  
*Patrick Maher, MD*

4:30–4:40 pm  
Comparison of Bridging Versus Neutralizing Long Volar Plate Constructs in the Treatment of Metadiaphyseal Distal Radius Fractures  
*Abdo Bachoura, MD*

4:40–4:45 pm  
**DISCUSSION**

4:45–4:55 pm  
The Touch Surgery™ App: Analysis of Surgical Simulation Validity and Training Potential  
*Andrew Miller, MD*

4:55–5:05 pm  
Incidence of Infection in Civilian Gunshot Arthrotomies: Does Formal Joint Washout Make a Difference?  
*Courtney Quinn, MD*

5:05–5:10 pm  
**DISCUSSION**

6:00–7:30 pm  
Reception – Pegula Ice Arena

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**FRIDAY, October 27, 2017**

7:00–7:25 am  
Registration/Continental Breakfast

7:25-7:30 am  
**ANNOUNCEMENTS**  
*Henry Boateng, MD, Peter Siska, MD*

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**Session VI**  
**UPPER EXTREMITY**

**Moderator:**  
*Ivan Tarkin, MD*

7:30–7:45 am  
Surgical Treatment of Proximal Humerus Fractures: Lessons Learned  
*April Armstrong, MD*

7:45–8:00 am  
Radial Head Fractures  
*Leslie Barnes, MD*

8:00–8:10 am  
**DISCUSSION**

8:10–8:25 am  
Team Approach to Scapulothoracic Trauma  
*Ivan Tarkin, MD*

8:25–8:40 am  
Brachial Plexus and Scapulothoracic Dissociation Injuries  
*John Fowler, MD*

8:40–8:50 am  
**DISCUSSION**

8:50–9:10 am  
Break/Visit Exhibits

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**SESSION VII**  
**POLY-TRAUMA MANAGEMENT**

**Moderator:**  
*Henry Boateng, MD*

9:10–9:25 am  
“Can They Go?” Clearing the Poly-Trauma Patient for Orthopaedic Surgery  
*Raquel Forsythe, MD*
9:25–9:40 am  Multi-System Blunt Trauma: Priorities for Survival  
  Steven Allen, MD

9:40–9:50 am  DISCUSSION

9:50–10:05 am  Management of Complex Fractures Around the Hip with Arthroplasty  
  Charles Davis, MD

10:05–10:20 am  Severe Traumatic Injury with Intracranial Hypertension and Multiple Orthopedic Injuries: When Do the Benefits of Fracture Repair Outweigh the Risks?  
  Sprague Hazard III, MD

10:20–10:30 am  DISCUSSION

10:30–10:45 am  Peripheral Nerve Deficits and Extremity Trauma—Case Review  
  Kim Harbaugh, MD

10:45–11:00 am  Soft-tissue Coverage for Complex Open Fractures of the Upper and Lower Extremities  
  Tim Johnson, MD

11:00–11:10 am  DISCUSSION

11:10–11:25 am  OrthoPAC Update

11:25–12:30 pm  Lunch  
  Induction of 2018 President / Visit Exhibits

**SESSION VIII**  STATE ADVOCACY TRAINING PART II

**Moderator:** Scott LaMar

12:30–12:40 pm  Business Meeting  
  Patrick Smith, MD

12:40–1:10 pm  Moving Media  
  Steve Infanti, Bill Mahon

1:10–1:30 pm  East vs. West Grassroots Engagement  
  Asif Ilyas, MD, Patrick Smith, MD, James Guille, MD

1:30–2:00 pm  Medicine vs. Law  
  Nicholas Bonazza, MD

2:00–2:30 pm  Break/Visit Exhibits

**SESSION IX**  PEDIATRIC TRAUMA

**Moderator:** William Hennrikus, MD

2:30–2:45 pm  High Energy Extremity Injuries in Children  
  Douglas Armstrong, MD

2:45–3:00 pm  Pediatric Elbow Fractures  
  W. Timothy Ward, MD

3:00–3:10 pm  DISCUSSION

3:10–3:25 pm  Upper Extremity Fractures in Pediatric Patients  
  Scott Sorenson, MD
3:25–3:40 pm  Increasing Value in Pediatric Fracture Care  
*William Hennrikus, MD*

3:40–3:50 pm  DISCUSSION

### SESSION IX  SPORTS-RELATED TRAUMA

**Moderator:**  
*Gregory Altman, MD*

3:50–4:05 pm  Picking up the Pieces: Management of Petella Nonunion and Malunion  
*Robert Gallo, MD*

4:05–4:20 pm  Multi-ligament Knee Injuries in the Trauma Patient  
*Gregory Altman, MD*

4:20–4:30 pm  DISCUSSION

4:30–4:45 pm  Treatment of the Neurovascularily Impaired Knee Dislocation  
*Bryson Lesniak, MD*

4:45–5:00 pm  The Importance of the Physical Examination in the Operative Management of Multiligamentous Knee Injuries  
*Bryson Lesniak, MD*

5:00–5:10 pm  DISCUSSION

5:10 pm  Meeting Adjourned

*Thank you for your participation.*

### Program Chairs

*Henry Boateng, MD*
Assistant Professor, Orthopaedics and Rehabilitation, Penn State Milton S. Hershey Medical Center, Hershey, PA

*Peter Siska, MD*
Assistant Professor, Department of Orthopaedic Surgery, University of Pittsburgh, Pittsburgh, PA

### Guest Speakers

*Steven Allen, MD*
Assistant Professor, Surgery, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA

*Leslie Barnes, MD*
Assistant Professor, Orthopaedic Surgery and Sports Medicine, Temple University School of Medicine, Philadelphia, PA

*Representative Stephen Barrar* (R – Delaware)

*Senate Majority Leader Jake Corman* (R – Centre)

*Raquel Forsythe, MD*
Assistant Professor of Surgery and Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA

*Kim Harbaugh, MD*
Associate Professor, Neurosurgery, Penn State Milton S. Hershey Medical Center, Hershey, PA

*Sprague Hazard III, MD*
Assistant Professor, Anesthesiology and Perioperative Medicine, Penn State Milton S. Hershey Medical Center, Hershey, PA
Steve Infanti  
Public Relations Consultant, Harrisburg, PA

Tim Johnson, MD  
Associate Professor of Surgery, Orthopaedics and Rehabilitation, Program Director, Division of Plastic Surgery, Penn State Milton S. Hershey Medical Center, Hershey, PA

Scott LaMar  
Host, SmartTalk, WITF Radio, Harrisburg, PA

Bill Mahon  
President, Ground Zero Ready Communications, State College, PA

Representative Tedd Nesbit (R – Mercer)  
Representative Marguerite Quinn (R – Bucks)

Governor Tom Wolf

Invited Faculty

Daniel Altman, MD  
Orthopaedic Residency Program Director, Allegheny Health Network, Professor of Orthopaedic Surgery, Drexel University College of Medicine, Philadelphia, PA

Gregory Altman, MD  
Associate Clinical Professor, Temple University School of Medicine, Vice Chairman Department of Orthopaedics, Allegheny General Hospital, Pittsburgh, PA

April Armstrong, MD, BSc(PT), MSc, FRCSC  
James E. Bobb Professor of Orthopaedics and Rehabilitation, Vice Chair Clinical Affairs and Quality, Associate Designated Institutional Official (DIO), Director of Health Systems Science for GME, Chief, Shoulder and Elbow Surgery, Penn State Milton S. Hershey Medical Center, Hershey, PA

Douglas Armstrong, MD  
Professor, Orthopaedics and Rehabilitation, Penn State Milton S. Hershey Medical Center, Hershey, PA

Jesse Bible, MD, MHS  
Assistant Professor, Penn State Milton S. Hershey Medical Center, Hershey, PA

Jonathan Bigley, Esquire  
Bigley and Blikle, LLC, Harrisburg, PA

Nicholas Bonazza, MD  
Resident, Orthopaedic Surgery, Penn State Milton S. Hershey Medical Center, Hershey, PA

Charles Davis, MD  
Chief, Hip and Knee Arthroplasty Division, Professor of Orthopaedics and Rehabilitation, Penn State College of Medicine, State College, PA

William Donaldson, MD  
Professor, Chief, Division of Spinal Surgery, Department of Orthopaedic Surgery, Executive Vice Chair for Clinical Services, University of Pittsburgh Medical Center, Pittsburgh, PA

John Fowler, MD  
Assistant Dean for Medical Student Research, University of Pittsburgh School of Medicine, Assistant Professor, Department of Orthopaedics, Division of Hand and Upper Extremity Surgery, Pittsburgh, PA

Robert Gallo, MD  
Associate Professor of Sports Medicine, Orthopaedics and Rehabilitation, Penn State Milton S. Hershey Medical Center, Hershey, PA

Matthew Garner, MD  
Assistant Professor, Division of Orthopaedic Trauma, Penn State College of Medicine, State College, PA

James Guille, MD  
Orthopaedic Surgeon, Premier Orthopaedics, Pottstown, PA

Susan Harding, MD  
Associate Professor of Orthopaedic Surgery, Drexel University College of Medicine, Philadelphia, PA

William Hennrikus, MD  
Professor of Orthopaedics, Medical Director: Pediatric Bone and Joint Clinic, Penn State College of Medicine, Hershey, PA
Asif Ilyas, MD
Associate Professor of Orthopaedic Surgery, Thomas Jefferson University, Philadelphia, PA

Brian Klatt, MD
Assistant Professor, Joint Reconstruction, Department of Orthopaedic Surgery, University of Pittsburgh School of Medicine, Pittsburgh, PA

Mark Knaub, MD
Assistant Professor, Director of Orthopaedic Spine Surgery, Associate Director Spine Center, Penn State Milton S. Hershey Medical Center, Hershey, PA

Bryson Lesniak, MD
Associate Professor of Orthopaedic Surgery, University of Pittsburgh, University of Pittsburgh Medical Center, Team Physician, University of Pittsburgh Athletics, Pittsburgh, PA

Gele Moloney, MD
Assistant Professor, Department of Orthopaedic Surgery, University of Pittsburgh Medical Center, Pittsburgh, PA

Thomas Muzzonigro, MD
Clinical Assistant Professor, University of Pittsburgh School of Medicine, Department of Orthopaedic Surgery, Pittsburgh, PA

Chinenye Nwachuku, MD
St. Luke's University Health Network, St. Luke's Orthopedic Care, Attending Physician, Clinical Assistant Professor, Temple University Hospital, Philadelphia, PA

Michael O'Malley, MD
Assistant Professor, Department of Orthopaedic Surgery, University of Pittsburgh Medical Center, Pittsburgh, PA

Saqib Rehman, MD, MBA
Director of Orthopaedic Trauma, Professor of Orthopaedic Surgery, Medical Director, MMS-Physician Assistant Program, Temple University, Philadelphia, PA

Patrick Smith, MD
Clinical Instructor, Department of Orthopaedic Surgery, University of Pittsburgh School of Medicine, Pittsburgh, PA

Scott Sorenson, MD
Assistant Professor, Orthopaedics and Rehabilitation, Penn State Milton S. Hershey Medical Center, Hershey, PA

Ivan Tarkin, MD
Professor, Chief, Division of Orthopaedic Traumatology, Department of Orthopaedic Surgery, University of Pittsburgh Medical Center, Pittsburgh, PA

Barrett Woods, MD
Assistant Professor, Orthopaedic Neurological Spinal Surgery, Rothman Institute, Thomas Jefferson University, Philadelphia, PA

Fellow/Resident Speakers

Gerald Andah, MD
Resident, Orthopaedic Surgery, University of Pennsylvania Orthopaedics, Philadelphia, PA

Abdo Bachoura, MD
Resident, Orthopaedic Surgery, University of Pittsburgh Medical Center – HAMOT, Erie, PA

Christopher Kowalski, MD
Resident, Orthopaedic Surgery, Penn State Milton S. Hershey Medical Center, Hershey, PA

Patrick Maher, MD
Resident, Orthopaedic Surgery, University of Pittsburgh Medical Center, Pittsburgh, PA

Andrew Miller, MD
Resident, Orthopaedic Surgery, The Rothman Institute at Thomas Jefferson University, Philadelphia, PA

Courtney Quinn, MD
Resident, Orthopaedic Surgery, Temple University Hospital, Philadelphia, PA

Ryan Ridenour, MD
Resident, Orthopaedic Surgery, Penn State Milton S. Hershey Medical Center, Hershey, PA

Colin Vroome, MD
Resident, Orthopaedic Surgery, Temple University Hospital, Philadelphia, PA
HOTEL INFORMATION

The Penn Stater Hotel & Conference Center is minutes away from Penn State’s University Park Campus. Shuttle access is available to transport you to everything the University has to offer. Rooms include complimentary Wi-Fi and flat-screen HDTV’s. The hotel has a lap pool, 24-hour fitness center, two restaurants and complimentary parking.

Please register online through the POS website www.paorthosociety.org to make your reservations for The Penn Stater Hotel & Conference Center. When making your reservations, be certain to identify yourself as part of the Pennsylvania Orthopaedic Society 2017 Spring Meeting block. The daily room rate for the POS room block is $139. Check-in is 3 pm, Check-out is noon.

A limited number of rooms are available at the POS group rate. Reservations must be made by October 6th, 2017 to receive the POS rate. PLEASE MAKE YOUR RESERVATIONS EARLY.

Click Here to make room reservations
Or
Call 814-863-5000 use code PENJ17 for POS room rate

ATTENTION PHYSICIANS

Please support POS by asking your company representatives to exhibit at this meeting.

Exhibitors Register Here
EVENT INFORMATION

POS Welcome Reception

Senate Lounge

Wednesday, Oct. 25, 6:00–7:30 pm

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.

Thursday Reception

Pegula Ice Arena

Thursday, Oct. 26, 6:00–7:30 pm

Enjoy a 2 hour reception at the Pegula Ice Arena. Heavy hor d’oeuvres will be served as well as complimentary drinks. Transportation will be provided. $55 per person.

Penn State vs Michigan Hockey Game

Standing Room Only (SRO)

Pegula Ice Arena

Friday, Oct. 27, TBA

Watch the Nittany Lions battle it out on home ice against the Wolverines during the SOLD OUT GAME!

- 50 SRO tickets available
- Seats, if available, are not guaranteed to be together
- First come basis

$20.00 per ticket *Non-Refundable*

For more information on tickets please call 717-909-8901 or email Maher Bigley at maher@paorthosociety.org
PHYSICIAN REGISTRATION

Pennsylvania Orthopaedic Society 2017 Fall Scientific Meeting
TRAUMA: Multi-Subspecialty Collaboration for Complex Cases
plus Advocacy – Government and Physicians, Partners in Patient Care
October 26–27, 2017
The Penn Stater Hotel & Conference Center

Register by Sept. 22 and save $75. You can also register online at www.paorthosociety.org

Last Name: _______________________________ Title (MD/DO): __________________
First Name: _______________________________
Practice Name: ___________________________
Office Address: ____________________________________________________________
City: ___________________________ State: _______ Zip: ___________________________
Email: ___________________________ Office Phone: ___________________________
Office Contact: ___________________________

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

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

Thursday Pegula Reception
$55 per person

PSU vs. Mich. Men’s Hockey Game SRO
$20 each

Payment Method (please check appropriate box)  GRAND TOTAL $ ________

☐ CHECK enclosed made payable to POS

☐ CREDIT CARD: _____ AMEX _____ VISA _____ MC

Name on Card: _______________________________________________________________

Card Number: ______________________________________________________________

Exp Date: __________________ Card Verification Number: __________________________

Please mail or fax this form with payment to:
Maher Bigley, Pennsylvania Orthopaedic Society, 510 N. 3rd St., 3rd Fl., Harrisburg, PA 17101
Phone: 717-909-8901 – Fax: 717-909-8906 – maher@paorthosociety.org

Cancellation Policy
There will be a $100 processing fee for cancellations received before Sept. 26, 2017.

Refunds will NOT be granted for cancellations received on or after Sept. 26, 2017.
UPCOMING POS MEETINGS

March 2018
Coding Seminar
Crowne Plaza KOP, PA

March 2018
Coding Seminar
Sheraton Station Square Pittsburgh, PA

April 26-27, 2018
Spring Scientific Meeting – Sports Medicine
The Mills House, Charleston, SC

October 23-28, 2018
Fall Scientific Meeting – Total Joints
The Hotel Hershey, Hershey, PA

April 6-7, 2019
Spring Scientific Meeting
Disney Contemporary Resort, Orlando, FL