



MID-AMERICA ORTHOPAEDIC ASSOCIATION

Thirtieth Annual Meeting



April 18-22, 2012
Hyatt Regency Coconut Point Resort
Bonita Springs, Florida

Preliminary Program and Registration Information

Visit www.maoa.org to register online
Registration Deadline – March 23, 2012

Pre-Meeting Course – Wednesday, April 18, 2012
“Back to the Basics Comprehensive Knee Course:
Sports, Trauma, and Reconstructive Techniques”

Dear Colleagues:

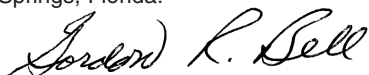
Please find enclosed the Preliminary Program for the Mid-America Orthopaedic Association's 2012 Annual Meeting at the Hyatt Regency Coconut Point Resort in Bonita Springs, Florida, from April 18-22, 2012. This promises to be both an exciting academic meeting and a beautiful venue for our annual meeting. This year's meeting will represent the first time in the 30-year history of the MAOA that the meeting will be held on Florida's Gulf Coast. The Hyatt Regency Coconut Point Resort is a superb venue which is both elegant and family friendly. Please visit the MAOA web site at www.maoa.org for a link to the Hyatt Regency Coconut Point Resort to view this beautiful resort.

Our Program Chair, Dr. Mark Froimson and his Program Committee – Drs. Craig Della Valle, Brian Donley, Andrew Markiewicz, Rafael Sierra, and Brian Wolf - have put together a wonderful academic program, which boasts a record number of abstract submissions. As you will notice from the preliminary program, there are multiple concurrent breakout sessions each day, three Instructional Courses, and a robust Poster Session.

We will again offer a pre-meeting course co-sponsored with the International Congress for Joint Reconstruction (ICJR) that will be held on Wednesday, April 18th. This will be held during the day, just prior to the Wednesday Welcome Reception/Dinner. Last year's inaugural ICJR course on "Basics in Arthroplasty" was extremely well attended and highly acclaimed. This year's ICJR course is "Back to the Basics Comprehensive Knee Course: Sports, Trauma, and Reconstructive Techniques." This course will cover both common and controversial topics, running the gamut from cradle to grave, and will offer hands-on surgical skills demonstrations of scope, fracture, and total knee techniques. It will, therefore, offer something of interest to all orthopedic surgeons who treat the knee and is an ideal comprehensive course for orthopedic residents. Please make your plans to arrive early so that you can attend this exciting course.

Our Presidential Guest Speaker will be Richard H. Rothman, M.D., Ph.D., who will discuss *Building a Center of Excellence*. Dr. Rothman has produced seminal work in both spine surgery and joint arthroplasty and is the founder of the Rothman Institute at Jefferson University in Philadelphia. Our Howard Steel Lecturer will be Mr. Terry Stewart, President of the Rock and Roll Hall of Fame and Museum in Cleveland, who will present an exciting and entertaining talk that will appeal to people of all ages. Our Rapp Lecturer will be Stephen Olvey, M.D., Director of the Neuroscience Intensive Care Unit at the University of Miami/Miller School of Medicine, who will speak on *Lessons We've Learned from Motor Sports*. Our three Classics Speakers will be Harry Herkowitz, M.D., speaking on *Degenerative Lumbar Spondylolisthesis: Evolution of Evidence-Based Treatment*, John Bergfeld, M.D., speaking on the *Evolution of the Team Physician*, and Jeffrey Johnson, M.D., whose talk will be *Don't Fuse It Yet: Current Approaches to Ankle Arthritis*. These six speakers will present exciting topics that will appeal to all.

The Hyatt Regency Coconut Point Resort is a beautiful 450-room resort located on 26 acres overlooking the breathtaking Estero Bay Aquatic Preserve. It was recently named among Travel + Leisure's 500 World's Best Hotels. It boasts three pools, including a family pool with a 140-foot water slide. The resort offers tennis facilities, an 18-hole golf course designed by Raymond Floyd, a fitness center, bicycle and kayak rentals, a spa, Camp Hyatt for children, and much more. The Hyatt is located approximately 13 miles from the Southwest Florida International Airport (RSW) in Fort Myers and is, therefore, easily accessible. For those looking for a respite from the ravages of another Midwest winter, there are few venues that can offer the relaxation, elegance, and climate of the Hyatt Regency Coconut Point Resort. Please mark your calendars and make plans to join my wife Kathy, our children, and me for the exciting 30th Annual MAOA meeting in Bonita Springs, Florida!



Gordon R. Bell, M.D.
President
Mid-America Orthopaedic Association

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REGISTRATION INFORMATION

**Registration for the 2012 Annual Meeting
will be done online through Mid-America's web site.**

**Please visit www.maoa.org
to register for the meeting and reserve a hotel room.
Make plans early to attend a great meeting.**

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 Mid-America Orthopaedic Association.

The American Academy of Orthopaedic Surgeons is accredited by the ACCME to sponsor continuing medical education for physicians.

The American Academy of Orthopaedic Surgeons designates this live activity for a maximum of 30.5 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

OBJECTIVES

Objective 1: Describe outcomes and provide technical tips for complex primary and revision knee and hip arthroplasty, including the appropriate selection of patients and selection of surgical procedures.

Objective 2: Discuss indications for surgical management of sports-related injuries to the upper extremity and knee.

Objective 3: Provide an overview of recent technical advances in the area of musculoskeletal trauma and reconstructive surgery.

Objective 4: Provide an update on the current status of metal on metal total hip arthroplasty and hip resurfacing.

Objective 5: Review the current challenges and latest information regarding musculoskeletal tumor surgery, pediatric orthopedics, and foot and ankle surgery.

Objective 6: Describe state of the art treatment for traumatic and degenerative spine disorders.

Objective 7: Describe the current techniques and outcomes after hip joint preservation surgery.

Objective 8: Discuss risk factors for and methods of prevention of perioperative complications and hospital readmissions.

DISCLAIMER

The data, conclusions, and opinions presented by those who speak or exhibit at Mid-America Orthopaedic Association sponsored meetings or who serve as authors in its publications, are solely the responsibility of those individuals or exhibitors and are not to be considered those of the Association, which takes no responsibility for them. The Association does not endorse any products.

MID-AMERICA ORTHOPAEDIC ASSOCIATION

PRELIMINARY PROGRAM

Thirtieth Annual Meeting

April 18-22, 2012

TUESDAY, APRIL 17, 2012

6:00 p.m. - 8:00 p.m.
Registration

WEDNESDAY, APRIL 18, 2012

6:30 a.m. - 8:00 p.m.
Registration

7:00 a.m. - 4:30 p.m.

“Back to the Basics Comprehensive Knee Course: Sports, Trauma, and Reconstructive Techniques”
Pre-meeting course jointly sponsored by Mid-America Orthopaedic Association and the International Congress for Joint Reconstruction

This year's MAOA/ICJR course will include all aspects of knee surgery, covering the most common and controversial topics including ACL, meniscal repair, allograft, fractures, extensor mechanism ruptures, and partial and total knee replacement, as well as revision surgery, common tumors, and pediatric problems. There will be hands-on surgical skills demonstrations of scope, fracture, and total knee techniques. This course will offer something of interest to all orthopedic surgeons who treat the knee and is an ideal comprehensive course for orthopedic residents.

OBJECTIVES

After completion of the MAOA/ICJR course, the attendee will be able to:

1. Evaluate treatment options for common injuries of the knee in the pediatric and adult patient.
2. Discuss outcome measures related to different methods of ACL reconstruction and meniscal repair.
3. Evaluate methods to treat chondral injuries and defects around the knee in the adult and pediatric population.
4. Understand the impact of pediatric injury and treatment of the knee on the occurrence of disease later in life.

5. Compare different TKA surgical techniques, implant choices (based on patient type, design qualities, and reported patient outcomes), and assess different fixation choices.
6. Evaluate patient selection criteria for knee revision surgery and compare revision surgical techniques and failure mechanisms.
7. Review and discuss current options for reducing the incidence of perioperative complication in the adult and pediatric knee patient.
8. Discuss the newest techniques and concepts in knee fracture fixation including conventional and locked plating, external fixation, and intra-medullary nailing.

Join us one day prior to the MAOA Annual Meeting for this CME event of didactic lectures, case studies, interactive audience discussions, and bioskills workshops. Fee: \$250. To register, visit the MAOA web site (www.maoa.org). Click on “2012 Annual Meeting”. 8.5 Category 1 CME credits will be offered for this one-day course. For more information, go to the ICJR (www.icjr.net) or MAOA (www.maoa.org) web sites.

5:00 p.m.
Board of Directors' Meeting

6:30 p.m.
Exhibitors' Meeting

7:00 p.m. - 9:00 p.m.
Welcome Reception and Buffet
Price: Included in Registration Fee for doctors, allied health, and registered spouses/guests
Exhibitor cost: \$160/person
Attire: Casual
Children's meal tickets are available for \$30/child (ages 3-11). Children's tickets may be purchased via the MAOA web site when registering for the meeting. **Note that children will eat from the adult buffet.**

THURSDAY, APRIL 19, 2012

6:00 a.m. - 1:00 p.m.

Registration

6:30 a.m. - 8:00 a.m.

Company-Sponsored Workshops
(No CME offered)

7:30 a.m. - 12:30 p.m.

Exhibits/Posters Open (continental breakfast available from 7:30 a.m. - 9:00 a.m. in exhibit area)

8:00 a.m. - 10:00 a.m.

Spouse/Guest Hospitality

10:00 a.m. - 11:30 a.m.

OPTIONAL ACTIVITY FOR
SPOUSES/GUESTS: Cake Decorating
(see page 45)

FIRST PLENARY SESSION

8:05 a.m. - 10:20 a.m.

8:05 a.m. - 8:10 a.m.

Introductory Remarks

Gordon R. Bell, M.D.

Cleveland, OH

President, Mid-America Orthopaedic Association

8:10 a.m. - 8:40 a.m.

PRESIDENTIAL GUEST SPEAKER

“Creating a Center of Excellence”

Richard H. Rothman, M.D., Ph.D.

Philadelphia, PA

8:41 a.m. - 9:49 a.m.

1. A Randomized Clinical Trial of Minimally Invasive TKA: Comprehensive Gait and Strength Testing Outcomes

Mark W. Pagnano, M.D.

Rochester, MN

Julien Wegryzn, M.D.

Rochester, MN

Sebastien Parratte, M.D.

Rochester, MN

Emily J. Miller

Rochester, MN

Kenton R. Kaufman, Ph.D.

Rochester, MN

2. Patient-Specific Instrumentation in Total Knee Arthroplasty Provides No Improvement in Component Alignment
*Benjamin M. Stronach, M.D.
Jackson, MS
Christopher E. Pelt, M.D.
Salt Lake City, UT
Jill Erickson, P.A.
Salt Lake City, UT
Christopher L. Peters, M.D.
Salt Lake City, UT
3. CAS vs. Manual TKA: No Difference in Clinical or Radiographic Outcomes at 5-Year Follow-Up
*Mark A. Yaffe, M.D.
Chicago, IL
Philip Chan, B.S.
Chicago, IL
Max Cayo, B.S.
Chicago, IL
Caitlin Sloan, B.S.
Chicago, IL
Jenna Kirk, B.S.
Chicago, IL
S. David Stulberg, M.D.
Chicago, IL
4. Prevalence of Vitamin D Insufficiency in Orthopedic Trauma Patients
Brett D. Crist, M.D.
Columbia, MO
Michael A. Hood, M.D.
Columbia, MO
Yvonne M. Murtha, M.D.
Columbia, MO
Gregory J. Della Rocca, M.D.
Columbia, MO
*James P. Stannard, M.D.
Columbia, MO
5. Indications, Surgical Techniques, and Outcomes Related to Arthroscopic Management of Native Shoulder Septic Arthritis
Matthew P. Abdel, M.D.
Rochester, MN
*Kevin I. Perry, M.D.
Rochester, MN
Mark E. Morrey M.D.
Rochester, MN
Scott P. Steinmann, M.D.
Rochester, MN
John W. Sperling, M.D.
Rochester, MN
Joseph R. Cass, M.D.
Rochester, MN

6. Readmission Following TKA: Is the Wrong "Never Event" Being Targeted?

*Muyibat A. Adelani, M.D.

St. Louis, MO

James A. Keeney, M.D.

St. Louis, MO

Ryan M. Nunley, M.D.

St. Louis, MO

John C. Clohisy, M.D.

St. Louis, MO

Robert L. Barrack, M.D.

St. Louis, MO

7. Do Ceramic on Polyethylene or Ceramic on Ceramic Hip Implants Add Value? Analysis of Survival in a Community Joint Registry

*Thomas K. Comfort, M.D.

Stillwater, MN

Penny J. Tatman, M.P.H.

St. Paul, MN

Susan C. Mehle, B.S.

St. Paul, MN

Kathy Killeen, M.O.T.

St. Paul, MN

8. Hip Resurfacing: A Large, Single-Surgeon Experience

Peter J. Brooks, M.D.

Cleveland, OH

*Phillip M. Golnick, P.A.

Cleveland, OH

9:50 a.m. - 10:20 a.m.

CLASSICS IN ORTHOPAEDICS

"Don't Fuse It Yet: Current Approaches to Ankle Arthritis"

Jeffrey E. Johnson, M.D.

Chesterfield, MO

10:20 a.m. - 10:35 a.m.

First Business Meeting

(MAOA Members only)

10:20 a.m.- 11:00 a.m.

Coffee Break in Exhibit Area

11:00 a.m. - 12:45 p.m.

Breakout Sessions #1, #2, #3, #4, and #5 to run concurrently

BREAKOUT SESSION #1

TOTAL HIP

11:00 a.m. - 12:45 p.m., Thursday, April 19, 2012

9. Cementless THA in Patients Age 50 and Under at Minimum 10-Year Follow-Up: What Can Be Learned Concerning Durability of the Construct?

*Ryan K. Takenaga, M.D.

Iowa City, IA

Nicholas A. Bedard, B.S.

Iowa City, IA

Steve S. Liu, M.D.

Iowa City, IA

John J. Callaghan, M.D.

Iowa City, IA

10. Accuracy of Acetabular Component Positioning in Hip Arthroplasty

Ryan M. Nunley, M.D.

St. Louis, MO

Jeffrey A. Krempec, M.D.

St. Louis, MO

John C. Clohisy, M.D.

St. Louis, MO

Douglas J. McDonald, M.D.

St. Louis, MO

Robert L. Barrack, M.D.

St. Louis, MO

11. Autogenous Femoral Head for Uncemented Acetabular THA Reconstruction in DDH: 20-Year Results

*Matthew P. Abdel, M.D.

Rochester, MN

Louis S. Stryker, M.D.

Rochester, MN

Robert T. Trousdale, M.D.

Rochester, MN

Daniel J. Berry M.D.

Rochester, MN

Miguel E. Cabanela, M.D.

Rochester, MN

12. Survival of Uncemented vs. Cemented Femoral Stems in a Community Joint Implant Registry

*John F. Wechter, M.D.

Minneapolis, MN

Thomas K. Comfort, M.D.

St. Paul, MN

Penny J. Tatman, M.P.H.

St. Paul, MN

Susan C. Mehle, B.S.

St. Paul, MN

Terence J. Gioe, M.D.

Minneapolis, MN

*Denotes Speaker

13. Femoral Remodeling Around Well-Fixed Cemented Charnley Total Hip Arthroplasty: A Minimum 20-Year Follow-Up Study
*Matthew J. Teusink, M.D.
Iowa City, IA
Katharine Callaghan
Iowa City, IA
Noelle Klocke, B.S.
Iowa City, IA
Douglas R. Pedersen, Ph.D.
Iowa City, IA
Richard C. Johnston, M.D.
Iowa City, IA
John J. Callaghan, M.D.
Iowa City, IA
 14. Metaphyseal-Engaging Short Stem Femoral Implants: 5-Year Follow-Up
*Ronak M. Patel, M.D.
Chicago, IL
Winifred Lo, B.S.
Chicago, IL
Mark Dolan, M.D.
Chicago, IL
S. David Stulberg, M.D.
Chicago, IL
 15. Results of Total Hip Arthroplasty (THA) in Patients with Lower Extremity Deficits from Polio
*Harold W. Rees, M.D.
Maywood, IL
David G. Lewallen, M.D.
Rochester, MN
 16. Technique and Results of Cementless Primary THA with Corrective Femoral Osteotomy: Mean 8-Year Results
*David K. DeBoer, M.D.
Nashville, TN
Michael J. Christie, M.D.
Nashville, TN
Martha F. Brinson, M.S.N., R.N., F.N.P.
Nashville, TN
 17. Uncemented Total Hip Arthroplasty Using a Type I Tapered Femoral Component in Patients with Dorr Type C Bone
*Jeffrey R. McLaughlin, M.D.
Oshkosh, WI
Kyla R. Lee, M.D.
Oshkosh, WI
 18. Tantalum Acetabular Components for THA After Therapeutic Pelvic Radiation: 5-10 Year Results
*Siddharth B. Joglekar, M.D.
Minneapolis, MN
Peter S. Rose, M.D.
Rochester, MN
David G. Lewallen, M.D.
Rochester, MN
Franklin H. Sim, M.D.
Rochester, MN
 19. Primary Total Hip Replacement Using Foam Metal Acetabular Cups in Patients with Extensive Periacetabular Bone Loss
*Herrick J. Siegel, M.D.
Birmingham, AL
Will Moore, M.D.
Birmingham, AL
Diego Herrera, M.D.
Birmingham, AL
- BREAKOUT SESSION #2**
HAND
11:00 a.m. - 12:45 p.m., Thursday, April 19, 2012
20. Perilunate Dislocations: 25-Year Experience
*David B. Jones, M.D.
Rochester, MN
Peter C. Rhee, D.O.
Rochester, MN
Brandon J. Yuan, M.D.
Rochester, MN
Sanjeev Kakar, M.D.
Rochester, MN
Steven L. Moran, M.D.
Rochester, MN
 21. Efficacy and Patient Satisfaction of Splinting for Basal Joint Arthritis
Jack Choueka, M.D.
Brooklyn, NY
*Kevin Kang, M.D.
Brooklyn, NY
Alexander Aksanov, B.S.
Brooklyn, NY
 22. Predynamic and Dynamic Proximal Carpal Row Injuries
*Eric R. Wagner, M.D.
Rochester, MN
Robert Gray, M.D.
Miami, FL
Sanjeev Kakar, M.D.
Rochester, MN

23. Scaphoid Malunion: Outcomes of Corrective Osteotomy Compared to Salvage Procedures
*Blake P. Gillette, M.D.
Rochester, MN
Sanjeev Kakar, M.D.
Rochester, MN
Peter C. Amadio, M.D.
Rochester, MN
24. Needle Aponeurotomy Treatment of Dupuytren's Contracture
*Avrum I. Froimson, M.D.
Cleveland, OH
25. A "Danger Zone" for Radial Nerve Injury: An Anatomic Study
*Syed A. Hasan, M.D.
Baltimore, MD
Russell B. Rauls, M.D.
Little Rock, AR
Cari L. Cordell, M.D.
Little Rock, AR
Mark S. Bailey, M.D.
Little Rock, AR
26. Early Results of Distal Radius Hemiarthroplasty with Combined Proximal Row Carpectomy
*Jeffrey S. Boyer, M.D.
Iowa City, IA
Brian D. Adams, M.D.
Iowa City, IA
27. Functional Outcomes of Distal Biceps Ruptures Using a Cortical Button Technique
*Jeffrey S. Johnson, M.D.
Akron, OH
Leann M. Speering, M.S.
Akron, OH
Sue Tribuzi
Akron, OH
Adam Schaaf, M.D.
Aiken, SC
Courtney Fleissner, B.S.
Akron, OH
Donald A. Noe, B.S.
Akron, OH
Curtis R. Noel, M.D.
Akron, OH
28. Four Corner Fusion with a Dorsal Circular PolyEther-Ether-Ketone (PEEK-Optima) Plate
Peter C. Rhee, D.O.
Rochester, MN
Alexander Y. Shin, M.D.
Rochester, MN
(David B. Jones, M.D., Rochester, MN to present)
29. Accuracy and Reliability Testing of the Mayo Elbow Performance Score
*Michael C. Cusick, M.D.
Memphis, TN
Thomas W. Throckmorton, M.D.
Memphis, TN
Frederick M. Azar, M.D.
Memphis, TN
Richard Smith, Ph.D.
Memphis, TN
30. Outcome Analysis of Bilateral Total Wrist Arthrodesis
*Nada N. Berry, M.D.
Springfield, IL
Bassem T. Elhassan, M.D.
Rochester, MN
Sanjeev Kakar, M.D.
Rochester, MN

BREAKOUT SESSION #3

TRAUMA

11:00 a.m. - 12:45 p.m., Thursday, April 19, 2012

31. The Effect of Port Size Following Irradiation for the Prevention of Heterotopic Ossification After Acetabular Fracture Surgery
*Sean A. Tabaie, M.D.
St. Louis, MO
Berton R. Moed, M.D.
St. Louis, MO
John Dombrowski, M.D.
St. Louis, MO
32. Percutaneous Retrograde Posterior Column Acetabular Fixation. Is the Sciatic Nerve Safe? A Cadaveric Study.
Khalid Azzam, M.D.
Omaha, NE
Justin C. Siebler, M.D.
Omaha, NE
Miguel Daccarett M.D.
Omaha, NE
Karl Bergmann, M.D.
Omaha, NE
*Matthew A. Mormino, M.D.
Omaha, NE

33. Effect of Initial Postoperative Visit X-rays on Treatment Plans and Costs
*Timothy N. Ghattas, M.D.
Wichita, KS
Bradley R. Dart, M.D.
Wichita, KS
Anthony A. G. Pollock, M.D.
Wichita, KS
Teresa L. Jones, M.P.H., M.T. (A.S.C.P.)
Wichita, KS
Stephen Hinkin
Wichita, KS
Anh Pham
Wichita, KS
34. Intermediate Term Follow-Up of a Large Series of Femoral Head Fractures
*Jerald R. Westberg, B.S.
Minneapolis, MN
Patrick Yoon, M.D.
Minneapolis, MN
Michael Torchia, B.S.
Minneapolis, MN
Matthew D. Karam, M.D.
Minneapolis, MN
David C. Templeman, M.D.
Minneapolis, MN
35. Incidence of Radiographic Cam-Type Impingement in Femoral Neck Fractures Treated with Reduction and Internal Fixation
*Matthew C. Wendt, M.D.
Rochester, MN
Joseph R. Cass, M.D.
Rochester, MN
Robert T. Trousdale, M.D.
Rochester, MN
36. Functional Outcomes of Surgically Treated Lateral Compression Fractures of the Pelvis
Clifford B. Jones, M.D.
Grand Rapids, MI
Martin F. Hoffmann, M.D.
Grand Rapids, MI
Debra L. Sietsema, Ph.D., R.N.
Grand Rapids, MI
*James R. Ringler, M.D.
Grand Rapids, MI
37. Acetabular Retroversion as a Contributing Factor in Simple Posterior Hip Dislocations
*Adam P. Schiff, M.D.
Maywood, IL
Dane H. Salazar, M.D.
Maywood, IL
Klaus Siebenrock, M.D.
Bern, Switzerland
Erika J. Mitchell, M.D.
Maywood, IL
Michael D. Stover, M.D.
Maywood, IL
38. Geriatric Acetabular Fractures: Outcomes After Operative Fixation
*Scott A. Wingerter, M.D.
Jackson, MS
Justin O. Franz, M.D.
Jackson, MS
George V. Russell, Jr., M.D.
Jackson, MS
Daniel T. Hankins, M.D.
Jackson, MS
Monica C. Koplas, M.D.
Jackson, MS
Lori L. Smith, B.S.
Jackson, MS
Matthew A. Miller, B.S.
Jackson, MS
Matthew L. Graves, M.D.
Jackson, MS
39. Biomechanical Evaluation of Trans-Sacral, Trans-Alar, and Iliosacral Screw Fixation for Comminuted Transforaminal Sacral Fractures
*Brett D. Crist, M.D.
Columbia, MO
Ferris Pfeiffer, Ph.D.
Columbia, MO
Michael S. Khazzam, M.D.
Dallas, TX
Rebecca Kueny, M.D.
Columbia, MO
Yvonne M. Murtha, M.D.
Wichita, KS
Gregory J. Della Rocca, M.D.
Columbia, MO
William Carson, M.D.
Columbia, MO

40. Comparison of Standard Iliosacral Screw Fixation to Trans-Sacral Locked Screw Fixation in a Type C – Zone II Pelvic Fracture Model
Sean A. Tabaie, M.D.
St. Louis, MO
*Berton R. Moed, M.D.
St. Louis, MO
J. Gary Bledsoe, Ph.D.
St. Louis MO
41. Biomechanical Evaluation of Locking Plates vs. Iliosacral Screws in Vertically Unstable Sacral Fractures
*Nickolas B. Reimer, M.D.
Minneapolis, MN
Nathaniel Slinkard, M.D.
Minneapolis, MN
Robert A. Morgan, M.D.
Minneapolis, MN
42. The Outcome of Partial Meniscectomy on Joint-Space Width: Data from the Osteoarthritis Initiative
Morgan H. Jones, M.D.
Cleveland, OH
Alex Roth
Cleveland, OH
Steve Cherney
Cleveland, OH
*Stephen D. Fening, Ph.D.
Akron, OH
Jeffrey Duryea, Ph.D.
Boston, MA
Carl Winalski, M.D.
Cleveland, OH
Anthony Miniaci, M.D.
Cleveland, OH
43. An Analysis of Time to Failure After ACL Reconstruction
Christopher C. Kaeding, M.D.
Columbus, OH
Matthew Schroeder, M.S.
Columbus, OH
Angela Pedroza, M.P.H., M.T. (A.S.C.P.)
Columbus, OH
44. Anterior Cruciate Ligament Reconstruction Tunnel Measurement Reliability with Fluoroscopy
*Jaron P. Sullivan, M.D.
Iowa City, IA
Brian R. Wolf, M.D.
Iowa City, IA
Yubo Gao, Ph.D.
Iowa City, IA
45. Development of an Articular Cartilage Impact Injury Model in Rabbits
*David S. Ebenezer, M.D.
Cleveland, OH
Morgan H. Jones, M.D.
Cleveland, OH
Anthony Miniaci, M.D.
Cleveland, OH
Stephen D. Fening, Ph.D.
Akron, OH
Thomas W. Bauer, M.D.
Cleveland, OH
Ronald Midura, Ph.D.
Cleveland, OH
John M. Ryan, M.D.
Cleveland, OH
Aaron D. Potts, M.D.
Cleveland, OH
46. Location Dependent Progression of Cartilage Lesions: An In Vivo Rat Model
*Derrick M. Knapik, B.S.
Columbus, OH
Ryan K. Harrison, M.D.
Columbus, OH
Robert A. Siston, Ph.D.
Columbus, OH
Sudha Agarwal, Ph.D.
Columbus, OH
David C. Flanigan, M.D.
Columbus, OH
47. Clinical Outcomes and Rate of Redislocation Following Medial Patellofemoral Ligament Reconstruction
*Kevin M. Marberry, M.D.
Kirkville, MO
Paul Nielsen, M.D.
Omaha, NE

48. Anterior Cruciate Ligament Reconstructions in the U.S. Military: A Retrospective Case Series
 *Michael A. Zaccilli, M.D.
 El Paso, TX
 E'Stephan J. Garcia, M.D.
 El Paso, TX
 Kelly G. Kilcoyne, M.D.
 Washington, D.C.
 Brett D. Owens, M.D.
 West Point, NY

49. Outcomes of Repeat Revision ACL Reconstruction
 *Timothy B. Griffith, M.D.
 Rochester, MN
 Benjamin J. Allen, M.D.
 Rochester, MN
 Michael J. Stuart, M.D.
 Rochester, MN
 Bruce A. Levy, M.D.
 Rochester, MN
 Diane L. Dahm, M.D.
 Rochester, MN

50. Effect of an Osteoarthritis Unloading Brace on Dynamic, In Vivo Tibiofemoral Joint Mechanics and Clinical Outcome
 *Jeffrey A. Haladik, B.S.
 Detroit, MI
 W. Kelton Vasileff, M.D.
 Detroit, MI
 Terrence R. Lock, M.D.
 Detroit, MI
 Michael J. Bey, Ph.D.
 Detroit, MI

51. Medical Expenditures on Division I Collegiate Athletes: Analysis by Sport and Gender
 Christopher C. Kaeding, M.D.
 Columbus, OH
 Janine Oman, M.D.
 Columbus OH
 Angela Pedroza, M.P.H., M.T. (A.S.C.P.)
 Columbus, OH

52. Pre-Season Physical Assessment and Screening in Amateur Overhead Athletes
 *Aimee S. Klapach, M.D.
 Edina, MN
 L. Pearce McCarthy, III, M.D.
 Edina, MN
 Michael Q. Freehill, M.D.
 Edina, MN
 M. Russell Giveans, Ph.D.
 Edina, MN
 Daniel D. Buss, M.D.
 Edina, MN

BREAKOUT SESSION #5 REVISION ARTHROPLASTY 11:00 a.m. - 12:45 p.m.

53. What are the Trends for Complex Joint Replacement Surgery?
 *C. Lowry Barnes, M.D.
 Little Rock, AR
 Thomas P. Vail, M.D.
 San Francisco, CA
 Steven Takemoto, M.D.
 San Francisco, CA
54. A Nomogram to Predict Success of Single-Stage Irrigation and Debridement with Polyethylene Exchange
 *Leonard T. Buller, B.S.
 Cleveland, OH
 Fady Youssef-Sabry, M.D.
 Cleveland, OH
 Robert Easton, M.D.
 Cleveland, OH
 Alison K. Klika, M.S.
 Cleveland, OH
 Wael K. Barsoum, M.D.
 Cleveland, OH
55. Organisms Differ at Time of Subsequent Surgery in Patients Previously Undergoing Irrigation and Debridement
 *Louis S. Stryker, M.D.
 Rochester, MN
 Matthew P. Abdel, M.D.
 Rochester, MN
 Arlen D. Hanssen, M.D.
 Rochester, MN

56. Extensor Mechanism Allograft Reconstruction for Extensor Mechanism Disruption Following Total Knee Arthroplasty
Trevor G. Murray, M.D.
Cleveland, OH
*Nathan G. Wetters, B.S.
Chicago, IL
Vamsi Kancheria, M.D.
Chicago, IL
Richard A. Berger, M.D.
Chicago, IL
Aaron G. Rosenberg, M.D.
Chicago, IL
Scott M. Sporer, M.D.
Chicago, IL
Craig J. Della Valle, M.D.
Chicago, IL
57. A Nomogram to Predict Success of Two-Stage Revisions for Treating Knee Prosthetic Joint Infections
*Fady Youssef-Sabry, M.D.
Cleveland, OH
Leonard T. Buller, B.S.
Cleveland, OH
Ahmed Sarim, M.D.
Cleveland, OH
Alison K. Klika, M.S.
Cleveland, OH
Wael K. Barsoum, M.D.
Cleveland, OH
58. Value of Inflammatory Markers for Success of Irrigation and Debridement in Acute Hematogenous Total Knee Infections
*Louis S. Stryker, M.D.
Rochester, MN
Matthew P. Abdel, M.D.
Rochester, MN
Arlen D. Hanssen, M.D.
Rochester, MN
59. Risk Factors for Dislocation Following Revision Total Hip Arthroplasty
Trevor G. Murray, M.D.
Cleveland, OH
Nathan G. Wetters, B.S.
Chicago, IL
Vamsi Kancheria, M.D.
Chicago, IL
Mario Moric, M.S.
Chicago, IL
*Scott M. Sporer, M.D.
Chicago, IL
Wayne G. Paprosky, M.D.
Chicago, IL
Craig J. Della Valle, M.D.
Chicago, IL
60. Revision of Failed Salvage Acetabular Reconstruction with a Custom Flanged Component
Michael J. Christie, M.D.
Nashville, TN
Martha F. Brinson, M.S.N., R.N., F.N.P.
Nashville, TN
61. The Use of Abduction Bracing for Early Postoperative Dislocation Prevention Following Revision Hip Arthroplasty
*Trevor G. Murray, M.D.
Cleveland, OH
Nathan G. Wetters, B.S.
Chicago, IL
Mario Moric, M.S.
Chicago, IL
Scott M. Sporer, M.D.
Chicago, IL
Wayne G. Paprosky, M.D.
Chicago, IL
Craig J. Della Valle, M.D.
Chicago, IL
62. Long-Term Clinical and Radiographic Outcomes with a HA-Coated Femoral Component in Revision THA
Michael J. Christie, M.D.
Nashville, TN
Martha F. Brinson, M.S.N., R.N., F.N.P.
Nashville, TN
Matthew Christie, B.S.
Nashville, TN

63. Mid-Term Results of Conversion UKA to TKA

*Cale A. Kassel, M.D.
Rochester, MN
Craig J. Della Valle, M.D.
Chicago, IL
Keith R. Berend, M.D.
Columbus, OH
Michael E. Berend, M.D.
Indianapolis, IN
Rafael J. Sierra, M.D.
Rochester, MN

Lunch on your own

1:00 p.m. - 3:00 p.m.
Multimedia Education

1:30 p.m.
Optional Tour – Backwater Fishing
(see page 45)

2:00 p.m.
Optional Tour – Eco-Sightseeing Shelling
Excursion
(see page 45)

6:00 p.m. - 7:30 p.m.
Poster viewing – presenters will be available.
CME credit will be offered.
(Poster Area)

6:00 p.m. - 7:30 p.m.
Reception sponsored by the Exhibitors
(Exhibit Area)
Attire: Casual

Dinner on your own

FRIDAY, APRIL 20, 2012

6:00 a.m. - 1:00 p.m.
Registration

6:30 a.m. - 8:00 a.m.
INSTRUCTIONAL COURSE I – Current Concepts in the Diagnosis and Treatment of Complications in Upper Extremity Care

Continental breakfast will be available

Andrew J. Markiewicz, M.D., Moderator
Cincinnati, OH

David G. Dennison, M.D.
Rochester, MN

Jeffrey N. Lawton, M.D.
Ann Arbor, MI

A select group of hand surgeons from the University of Michigan, the Mayo Clinic, and the Hand Surgery Specialists of Cincinnati will discuss the “taboo” subject of complications. Regardless of the expertise provided, complications do occur. While the patient and their family may expect perfection, it is reasonable to expect and to warn patients of the potential of less than ideal outcomes.

The panel will highlight the common upper extremity diagnoses for which a general orthopedic surgeon will care. They will then highlight the common risks that may ensue and their treatment. This will include bone, joint, tendon, and nerve issues from the shoulder to the fingertip. Recent literature, salient articles, and examples will be provided to eliminate each problem. Pertinent research, both clinical and basic science, will be reviewed to keep the practicing surgeon up to date. Case examples will keep the discussion frank and lively.

The attendee should benefit from learning what to look for, how to understand the cause, and how to intervene promptly to limit the consequences of these complications.

6:30 a.m.- 8:00 a.m.

INSTRUCTIONAL COURSE II – Geriatric Fractures: Tips and Techniques for Surgical Treatment

Continental breakfast will be available

Peritrochanteric Fractures: Positioning, Tips for Imaging and Reduction, Problems to Avoid

Joseph R. Cass, M.D., Moderator
Rochester, MN

Distal Femur Fractures: Options, Tips for Reduction and Fixation

William W. Cross, III, M.D.
Rochester, MN

Ankle Fractures: Exposure, Fixation Tips for Osteoporotic Bone

Christopher McAndrew, M.D.
St. Louis, MO

Proximal Humeral Fractures: Positioning, Exposure, Tips for Reduction and Fixation

S. Andrew Sems, M.D.
Rochester, MN

Geriatric fractures present some special challenges. The bone is of poor quality; accurate reduction based on an understanding of the forces of failure is even more important. This seminar will outline some tips for positioning, imaging, reduction, and fixation in this particular group of patients. There will be cases presented for discussion and questions.

7:30 a.m. - 12:30 p.m.

Exhibits/Posters Open (continental breakfast available from 7:30 a.m. - 9:00 a.m. in exhibit area)

SECOND PLENARY SESSION

8:00 a.m. - 10:20 a.m.

8:00 a.m. - 8:05 a.m.

Assemble/Announcements

8:05 a.m. - 8:25 a.m.

AAOS Report

John R. Tongue, M.D.
Tualatin, OR

2012-2013 AAOS President

8:26 a.m. - 8:53 a.m.

64. The Association of Socioeconomic Factors with Surgical Site Infection Following THA

Ryan M. Nunley, M.D.
St. Louis, MO

David K. Warren, M.D.
St. Louis, MO

Nupur D. Kittur, Ph.D.
St. Louis, MO

Kathleen M. McMullen, M.P.H., M.T.
(A.S.C.P.)

St. Louis, MO

Robert L. Barrack, M.D.
St. Louis, MO

Genetic Engineering of Juvenile Human Chondrocytes Improves Scaffold-Free Neocartilage Formation In Vitro

*Vincent Y. Ng, M.D.
Columbus, OH

Seth S. Jump, Ph.D.
Columbus, OH

Kelly S. Santangelo, Ph.D.
Columbus, OH

Joel L. Mayerson, M.D.
Columbus, OH

David C. Flanigan, M.D.
Columbus, OH

Alicia L. Bertone, Ph.D.
Columbus, OH

Third Generation, Anatomic, Total Shoulder Arthroplasty Components: The Role of Humeral Head Shape

*Bradley S. Schoch, M.D.
Rochester, MN

Adam A. Sassoon, M.D.
Rochester, MN

Peter C. Rhee, D.O.
Rochester, MN

Cathy D. Schleck, B.S.
Rochester, MN

William S. Harmsen, M.S.
Rochester, MN

John W. Sperling, M.D.
Rochester, MN

Robert H. Cofield, M.D.
Rochester, MN

Clearing the C-Spine in Obtunded Trauma Patients Based on Admission CT: A Prospective Randomized Trial

*Christopher P. O'Boynick, M.D.
St. Louis, MO

Tim Lonergan, M.S.
St. Louis, MO

Howard M. Place, M.D.
St. Louis, MO

*Denotes Speaker

Minimum 20-Year Follow-Up of a
Cruciate Retaining Modular Tray TKR
with Cement

*David W. Hennessy, M.D.
Madison, WI

John J. Callaghan, M.D.

Iowa City, IA

Mitchell Beckert

Iowa City, IA

Steve S. Liu, M.D.

Iowa City, IA

Devon D. Goetz, M.D.

West Des Moines, IA

Yubo Gao, M.D.

Iowa City, IA

Scott S. Kelley, M.D.

Durham, NC

Pediatric Supracondylar Humerus
Fractures: A Technique to Aid in
Closed Reduction

*Mary A. Herzog, M.D.

Grand Rapids, MI

James R. Ringler, M.D.

Grand Rapids, MI

Debra L. Sietsema, Ph.D., R.N.

Grand Rapids, MI

Clifford B. Jones, M.D.

Grand Rapids, MI

Mid-Term Follow-Up of Periacetabular
Osteotomy (PAO) in Patients with Hip
Dysplasia

*G. David Potter, M.D.

Rochester, MN

Eduardo N. Novais, M.D.

Rochester, MN

Rafael J. Sierra, M.D.

Rochester, MN

Robert T. Trousdale, M.D.

Rochester, MN

8:53 a.m. - 8:58 a.m.

Presentation of Mid-America Orthopaedic Association Physician in Training Award Winners

Edward D. Henderson Award

E. W. Johnson, Jr. Award

Carl L. Nelson Award

Dallas B. Phemister Award

8:58 a.m. - 9:26 a.m.

67. Edward D. Henderson M.D. Award
Presentation

68. E. W. Johnson, Jr., M.D. Award
Presentation

69. Carl L. Nelson, M.D. Award
Presentation

70. Dallas B. Phemister, M.D. Award
Presentation

9:26 a.m. - 9:31 a.m.

Introduction of Recipients of Traveling Fellowship, Multipurpose Resident Grants, and Education Grants

9:32 a.m. - 9:37 a.m.

Traveling Fellowship Presentation

9:40 a.m. - 9:50 a.m.

OREF Presentation

9:50 a.m. - 10:20 a.m.

CLASSICS IN ORTHOPAEDICS

"Degenerative Lumbar Spondylolisthesis: Evolution of Evidence-Based Treatment"

Harry N. Herkowitz, M.D.

Royal Oak, MI

10:20 a.m. - 11:00 a.m.

Poster viewing – presenters will be available.

CME credit will be offered.

(Poster Area)

10:20 a.m. - 11:00 a.m.

Coffee Break in Exhibit Area

11:00 a.m. - 12:45 p.m.

Breakout Sessions #6, #7, #8, #9, and #10
to run concurrently

BREAKOUT SESSION #6

HIP PRESERVATION

11:00 a.m. - 12:45 p.m., Friday, April 20, 2012

71. Does the Hip Joint Need to be Opened
at the Time of Periacetabular
Osteotomy (PAO)?

G. David Potter, M.D.

Rochester, MN

Eduardo N. Novais, M.D.

Rochester, MN

*Rafael J. Sierra, M.D.

Rochester, MN

Robert T. Trousdale, M.D.

Rochester, MN

*Denotes Speaker

72. Comprehensive Surgical Treatment of Residual Perthes-Like Hip Deformities
*John C. Clohisy, M.D.
St. Louis, MO
James Ross, M.D.
St. Louis, MO
Jeffrey J. Nepple, M.D.
St. Louis, MO
Gail Pashos, B.S.
St. Louis, MO
Perry L. Schoenecker, M.D.
St. Louis, MO
73. Surgical Hip Dislocation for Failed Arthroscopic Management of Femoroacetabular Impingement
*Michael R. Pagnotto, M.D.
Pittsburgh, PA
Justin A. Walker, M.D.
Rochester, MN
Robert T. Trousdale, M.D.
Rochester, MN
Rafael J. Sierra, M.D.
Rochester, MN
74. The Prevalence of Pincer-Type Morphologies in Symptomatic Femoroacetabular Impingement
*Jeffrey J. Nepple, M.D.
St. Louis, MO
Ira Zaltz, M.D.
Royal Oak, MI
Young-Jo Kim, M.D.
Boston, MA
Michael B. Millis, M.D.
Boston, MA
Daniel J. Sucato, M.D.
Dallas, TX
David A. Podeszwa, M.D.
Dallas, TX
John M. Martell, M.D.
Chicago, IL
John C. Clohisy, M.D.
St. Louis, MO
75. Return to Sports After Periacetabular Osteotomy
Rafael J. Sierra, M.D.
Rochester, MN
Robert T. Trousdale, M.D.
Rochester, MN
*Young-Jo Kim, M.D.
Boston, MA
Michael B. Millis, M.D.
Boston, MA
Paul E. Beaule, M.D.
Ottawa, Ontario, Canada
Ira Zaltz, M.D.
Royal Oak, MI
Ernest L. Sink, M.D.
New York, NY
David A. Podeszwa, M.D.
Dallas, TX
Daniel J. Sucato, M.D.
Dallas, TX
Perry L. Schoenecker, M.D.
St. Louis, MO
76. Revision Hip Preservation Surgery: Indications and Surgical Technique Profile
*John C. Clohisy, M.D.
St. Louis, MO
Geneva Baca, B.S.
St. Louis, MO
Perry L. Schoenecker, M.D.
St. Louis, MO
Paul E. Beaule, M.D.
Ottawa, Ontario, Canada
Christopher Larson, M.D.
Edina, MN
Daniel J. Sucato, M.D.
Dallas, TX
David A. Podeszwa, M.D.
Dallas, TX
Rafael J. Sierra, M.D.
Rochester, MN
Robert T. Trousdale, M.D.
Rochester, MN
Michael B. Millis, M.D.
Boston, MA
Young-Jo Kim, M.D.
Boston, MA
Ernest L. Sink, M.D.
New York, NY
Ira Zaltz, M.D.
Royal Oak, MI

77. The Reliability of Hip Arthroscopy
Labral and Chondral Disease
Classification

*Jeffrey J. Nepple, M.D.
St. Louis, MO
Christopher M. Larson, M.D.
Edina, MN
Matthew V. Smith, M.D.
St. Louis, MO
Young-Jo Kim, M.D.
Boston, MA
Ira Zaltz, M.D.
Royal Oak, MI
Rafael J. Sierra, M.D.
Rochester, MN
John C. Clohisy M.D.
St. Louis MO

78. Hip Arthroscopy in Adolescents:
Predictors of Prolonged Recovery

*Christopher J. Utz, M.D.
Cleveland, OH
Lindsay P. Hammer
Cleveland, OH
Alison K. Klika, M.S.
Cleveland, OH
Ryan C. Goodwin, M.D.
Cleveland, OH

79. Results of Central Compartment
Arthroscopic Iliopsoas Tendon
Releases for Treatment of Labral
Impingement

*Ian Nelson, M.D.
Madison, WI
James S. Keene, M.D.
Madison, WI

80. Does Iatrogenic Damage to the
Articular Cartilage Affect the Results of
Hip Arthroscopy?

Tyler J. Beckley, D.O.
Madison, WI
Josh R. Blomberg, M.D.
Madison, WI
*James S. Keene, M.D.
Madison, WI

81. The Outcomes of Hip Arthroscopy and
Limited Open Capsular Plication for
Treatment of Atraumatic Hip Instability

*James R. Ross, M.D.
St. Louis, MO
Jeffrey J. Nepple, M.D.
St. Louis, MO
Hadia Jaffery, M.D.
St. Louis, MO
John C. Clohisy, M.D.
St. Louis, MO

BREAKOUT SESSION #7

TRAUMA

11:00 a.m. - 12:45 p.m., Friday, April 20, 2012

82. Silver Negative Pressure Dressing with
Vacuum-Assisted Closure of Massive
Soft Tissue Loss Involving the Pelvis
and Extremities

Herrick J. Siegel, M.D.
Birmingham, AL
Brad A. Culotta, M.D.
Birmingham, AL
*Diego Herrera, M.D.
Birmingham, AL

83. Contrasting Structural and
Biomechanical Responses of Sub-
Critical and Critical Defects on the
Bone Healing Capacity in Murine
Femoral Defect Injury of a Femoral
Murine Nonunion Model

*Brian Grawe, M.D.
Cincinnati, OH
Aditya Chaubey, Ph.D.
Cincinnati, OH
Dyment Nat, B.S.
Cincinnati, OH
Jason Inzana, B.S.
Rochester, NY
Xi Jiang, B.S.
Farmington, CT
Camille L. Connelly, M.D.
Cincinnati, OH
Steve Goldstein, Ph.D.
Ann Arbor, MI
Hani Awad, Ph.D.
Rochester, NY
David Rowe, Ph.D.
Farmington, CT
Keith Kenter, M.D.
Cincinnati, OH
David Butler, Ph.D.
Cincinnati, OH

84. Gait Analysis After Retrograde and
Trochanteric Entry Intramedullary Nail
Fixation of Femoral Shaft Fractures

*Kellen L. Huston, M.D.
St. Louis, MO
J. Tracy Watson, M.D.
St. Louis, MO
Lisa K. Cannada, M.D.
St. Louis, MO

85. Spanning External Fixation for Complex Distal Femur Fractures: Indications and Outcomes
*Sean A. Tabaie, M.D.
St. Louis, MO
J. Tracy Watson, M.D.
St. Louis, MO
Ann Huang, B.S.
St. Louis, MO
Ting Zhang, B.S.
St. Louis, MO
86. Clinical Outcome of Tibial Plateau Fractures Related to the Posterior Slope
Martin F. Hoffmann, M.D.
Grand Rapids, MI
*Clifford B. Jones, M.D.
Grand Rapids, MI
Debra L. Sietsema, Ph.D., R.N.
Grand Rapids, MI
87. Neither Injury Severity nor Reduction Correlate with Outcome in Tibial Plateau Fractures
Jared L. Michalson, M.D.
Iowa City, IA
Donald D. Anderson, Ph.D.
Iowa City, IA
Doug R. Dirschl, M.D.
Chapel Hill, NC
Tom A. DeCoster, M.D.
Albuquerque, NM
Thomas D. Brown, Ph.D.
Iowa City, IA
Lori L. Kuhl, B.S.
Iowa City, IA
*J. L. Marsh, M.D.
Iowa City, IA
Matthew D. Karam, M.D.
Iowa City, IA
88. Gritti-Stokes Amputations in the Trauma Patient
*Benjamin C. Taylor, M.D.
Columbus, OH
Attila Poka, M.D.
Columbus, OH
Bruce G. French, M.D.
Columbus, OH
Sanjay Mehta, M.D.
Columbus, OH
89. The Lateral Suprapatellar Approach to Tibial Intramedullary Nailing in a Semi-Extended Position: A Cadaver Study
*Trevor R. Banka, M.D.
Detroit, MI
Jad G. Khalil, M.D.
Detroit, MI
Joseph J. Hoegler, M.D.
Detroit, MI
Massimo M. Morandi, M.D., FACS
Detroit, MI
90. Boomers on Bikes: Are There Increased Mortality Rates for Older, Injury-Matched Motorcyclists?
*Bradley Q. Warlick, M.D.
St. Louis, MO
Amy Nuismer, B.S.
St. Louis, MO
Heidi Israel, Ph.D.
St. Louis, MO
Lisa K. Cannada, M.D.
St. Louis, MO
91. The Effect of Age on Outcomes in Orthopedic Trauma Patients
Brett D. Crist, M.D.
Columbia, MO
*Blake Peterson, B.S.
Columbia, MO
Aneel Jawanlal, B.S.
Columbia, MO
Yvonne M. Murtha, M.D.
Wichita, KS
Gregory J. Della Rocca, M.D.
Columbia, MO
James P. Stannard, M.D.
Columbia, MO
92. Concussive Injuries in Pediatric Motocross Riders: A Prospective Observational Study
Amy K. Zimmerman
St. Paul, MN
Michael J. Quinn, R.N., C.R.N.A.
Rochester, MN
*Amy L. McIntosh, M.D.
Rochester, MN

BREAKOUT SESSION #8

TOTAL JOINT COMPLICATIONS

11:00 a.m. - 12:45 p.m., Friday, April 20, 2012

93. Predictors of Readmission After Total Hip and Total Knee Arthroplasty
*Geoffrey S. Marecek, M.D.
Chicago, IL
James M. Saucedo, M.D.
Chicago, IL
S. David Stulberg, M.D.
Chicago, IL
Lalit Puri, M.D.
Chicago, IL
94. Validity, Accuracy, and Clinical Utility of a Risk Calculator for Total Knee Arthroplasty
*Lucas B. Romine, M.D.
New Orleans, LA
George F. Chimento, M.D.
New Orleans, LA
Rick May, M.D.
Denver, CO
Harold Taylor, Ph.D.
Denver, CO
95. Developing a Novel Risk Stratification Model to Predict Resource Utilization and Outcomes After Total Joint Replacement Surgery
*David Kovacevic, M.D.
Cleveland, OH
Nathan W. Mesko, M.D.
Cleveland, OH
Deanna Trihas, M.S.
Cleveland, OH
Mary Ellen LoGrasso, R.N.
Cleveland, OH
Richard D. Parker, M.D.
Cleveland, OH
Joseph P. Iannotti, M.D.
Cleveland, OH
Mark I. Froimson, M.D.
Cleveland, OH
96. Assessing Re-Admission Databases: How Reliable is the Information?
*James A. Keeney, M.D.
St. Louis, MO
Muyibat A. Adelani, M.D.
St. Louis, MO
Ryan M. Nunley, M.D.
St. Louis, MO
John C. Clohisy, M.D.
St. Louis, MO
Robert L. Barrack, M.D.
St. Louis, MO
97. Predicting Major Postoperative Complications After Hip and Knee Arthroplasty. Development of a Novel Nomogram, the Morbidity and Mortality Acute Predictor for Arthroplasty (arthro-MAP)
*Thomas H. Wuerz, M.D.
Cleveland, OH
David M. Kent, M.D.
Boston, MA
Henrik Malchau, M.D.
Boston, MA
Harry E. Rubash, M.D.
Boston, MA
98. Predictive Modeling of Early Major Complications in Patients 65 and Older After Total Knee and Hip Arthroplasty
Carlos A. Higuera, M.D.
Cleveland, OH
Yousef Shishani, M.D.
Cleveland, OH
Alison K. Klika, M.S.
Cleveland, OH
*Joseph F. Styron, Ph.D.
Cleveland, OH
Tianming Gao, Ph.D.
Cleveland, OH
Wael K. Barsoum, M.D.
Cleveland, OH
99. No Difference in 90-Day Complications Between Bilateral Unicompartmental and Total Knee Arthroplasty
*Richard P. Winder, M.D.
Rochester, MN
Erik P. Severson, M.D.
Crosby, MN
Mark W. Pagnano, M.D.
Rochester, MN
Robert T. Trousdale, M.D.
Rochester, MN
Rafael J. Sierra, M.D.
Rochester, MN

*Denotes Speaker

100. Assessment of VTE Risk Stratification and Multimodal Thromboprophylaxis in a Joint Replacement Practice
Gurion Rivkin, M.D.
Cleveland, OH
Kristy Olivo, P.A.
Cleveland, OH
Jayson D. Zadzilka, M.S.
Cleveland, OH
Deana Trihas
Cleveland, OH
Bernard N. Stulberg, M.D.
Cleveland, OH
*Mark I. Froimson, M.D.
Cleveland, OH
101. Thromboembolic Risk with Tranexamic Acid After Primary Total Hip and Knee Arthroplasty: Three Prophylactic Regimens
Blake P. Gillette, M.D.
Rochester, MN
*Lori J. DeSimone, P.A.
Rochester, MN
Michael A. Kelm, M.D.
Rochester, MN
Robert T. Trousdale, M.D.
Rochester, MN
Mark W. Pagnano, M.D.
Rochester, MN
Rafael J. Sierra, M.D.
Rochester, MN
102. Characterization of Orthopedic Surgery Patients with a Pulmonary Embolus at a Community Hospital
*Nathan Jové, M.D.
Detroit, MI
David C. Markel, M.D.
Detroit, MI
Jeffrey C. Flynn, M.D.
Detroit, MI
Nancy M. Jackson, M.D.
Detroit, MI
103. Demographic and Clinical Predictors of PE Clot Burden
*Erik B. Eller, M.D.
Chicago, IL
James M. Saucedo, M.D.
Chicago, IL
Jason W. Savage, M.D.
Chicago, IL
S. David Stulberg, M.D.
Chicago, IL
Eric Hart, M.D.
Chicago, IL

BREAKOUT SESSION #9

SHOULDER

11:00 a.m. - 12:45 p.m., Friday, April 20, 2012

104. Incidence, Complications, and Results of Long Stem Humeral Components in Revision Shoulder Arthroplasty
*Christopher J. Owens, M.D.
Rochester, MN
John W. Sperling, M.D.
Rochester, MN
Robert H. Cofield, M.D.
Rochester, MN
105. Proinflammatory Cytokines and Proteases in Shoulder Arthroplasty Periprosthetic Tissue
*Drew D. Moore, M.D.
Royal Oak, MI
Matthew D. Budge, M.D.
Las Vegas, NV
Erin Baker, M.S.
Royal Oak, MI
Kevin Baker, M.S.
Royal Oak, MI
Michael Kurdziel, B.S.
Royal Oak, MI
Meagan Richardson-Frazzitta
Royal Oak, MI
J. Michael Wiater, M.D.
Royal Oak, MI
106. The Anterior Deltoid's Necessity for Reverse Shoulder Arthroplasty: A Cadaveric Biomechanical Study
*Daniel G. Schwartz, M.D.
Chicago, IL
Sang Hoon Kang, Ph.D.
Chicago, IL
T. Sean Lynch, M.D.
Chicago, IL
Sara L. Edwards, M.D.
Chicago, IL
Gordon W. Nuber, M.D.
Chicago, IL
Li-Qun Zhang, Ph.D.
Chicago, IL
Matthew Saltzman, M.D.
Chicago, IL

107. The Biomechanical Stability of Distal Clavicle Excision vs. Symmetric Acromioclavicular Joint Resection
Nikhil Pandhi, D.O.
Detroit, MI
Amanda O. Esquivel, Ph.D.
Detroit, MI
Jeffrey S. Staron, M.D.
Detroit, MI
Jason D. Hanna, M.D.
Detroit, MI
Stephen E. Lemos, M.D., Ph.D.
Detroit, MI
108. Clinical and Radiographic Factors Influencing the Results of Revision Rotator Cuff Repair
*Robert U. Hartzler, M.D.
Rochester, MN
John W. Sperling, M.D.
Rochester, MN
Robert H. Cofield, M.D.
Rochester, MN
109. Relationship of Rotator Cable Tears to Increases in Rotator Cuff Strain in a Novel Cadaveric Shoulder Model
*Mena M. Mesiha, M.D.
Cleveland, OH
Jesse A. McCarron, M.D.
Portland, OR
Scott C. Sibole, M.S.
Cleveland, OH
Ahmet Erdemir, Ph.D.
Cleveland, OH
Kathleen A. Derwin, Ph.D.
Cleveland, OH
110. Effect of Lesser Tuberosity Osteotomy Repair Technique on Gap Formation Compared to Subscapularis Tenotomy Repair During Total Shoulder Arthroplasty
*Matthew P. Fishman, M.D.
Royal Oak, MI
Mark Mayer, M.D.
Royal Oak, MI
Matthew D. Budge, M.D.
Royal Oak, MI
Michael D. Kurdziel, B.S.
Royal Oak, MI
Kevin C. Baker, M.S.
Royal Oak, MI
J. Michael Wiater, M.D.
Royal Oak, MI
111. Evaluating a New Assessment Method for Posterior Humeral Head Subluxation and Glenoid Retroversion in Glenohumeral Osteoarthritis
*Vani J. Sabesan, M.D.
Kalamazoo, MI
Mark Callanan, M.D.
Grand Rapids MI
Joseph P. Iannotti, M.D.
Cleveland, OH
112. A Comparison of Cartilage and Subchondral Bone Characteristics Between the Glenoid and Humeral Head
*Melissa N. Zimel, M.D.
Royal Oak, MI
Tristan Maerz, B.S.
Royal Oak, MI
Matthew Rausch, B.S.
Royal Oak, MI
Kevin Baker, M.S.
Royal Oak, MI
Joseph H. Guettler, M.D.
Royal Oak, MI
113. Outcome Following Early Open Reduction and Internal Fixation of Proximal Humeral Head-Split Fractures
*Jeffrey M. Bradley, M.D.
Grand Rapids, MI
Clifford B. Jones, M.D.
Grand Rapids, MI
Debra L. Sietsema, Ph.D., R.N.
Grand Rapids, MI
114. Prediction of Coracoid Thickness Using a Glenoid Width-Based Model: Implications for Bone Reconstruction Procedures in Chronic Anterior Shoulder Instability
*Karin L. Ljungquist, M.D.
Columbus, OH
R. Bryan Butler, M.D.
Columbus, OH
Julie Y. Bishop, M.D.
Columbus, OH

BREAKOUT SESSION #10

FOOT AND ANKLE

11:00 a.m. - 12:45 p.m., Friday, April 20, 2012

115. Open vs. Percutaneous Fixation of Joint Depression, Tongue-Type, and Partial Tongue-Type Calcaneus Fractures
Jerald R. Westberg, B.S.
Minneapolis, MN
*Patrick Yoon, M.D.
Minneapolis, MN
Michael Torchia, B.S.
Minneapolis, MN
116. Anteromedial vs. Anterolateral Approaches for Pilon Fractures: A Comparison of Complications and Functional Outcomes
Brett D. Crist, M.D.
Columbia, MO
Tyler Jenkins, B.S.
Columbia, MO
Michael S. Khazzam, M.D.
Dallas, TX
Yvonne M. Murtha, M.D.
Wichita, KS
*Gregory J. Della Rocca, M.D.
Columbia, MO
117. Outcome of Patients Following Calcaneus Fractures: Will Life Ever Be the Same?
Emily Mills, B.S.
St. Louis, MO
David E. Karges, D.O.
St. Louis, MO
*Lisa K. Cannada, M.D.
St. Louis, MO
118. Correlation of Knee and Hindfoot Deformities in Patients with Advanced Knee Arthritis
*Adam Norton, B.S.
Iowa City, IA
Annunziato Amendola, M.D.
Iowa City, IA
Phinit Phisitkul, M.D.
Iowa City, IA
Steve S. Liu, M.D.
Iowa City, IA
Siwadol Wongsak, M.D.
Iowa City, IA
Catherine Fruehling-Wall, B.S.
Iowa City, IA
John J. Callaghan, M.D.
Iowa City, IA
119. Functional Outcomes After Ankle Arthrodesis in Elderly Patients
Nicholas L. Strasser, M.D.
Charlotte, NC
*Norman S. Turner, M.D.
Rochester, MN
120. Valgus Tilting of the Ankle After Hindfoot Fusion: Is it a Long-Term Problem?
*Kevin E. Lindgren, M.D.
Omaha, NE
Andrew Taiber, M.D.
Omaha, NE
Kathleen M. Grier, M.D.
Omaha, NE
David J. Inda, M.D.
Omaha, NE
Scott T. McMullen, M.D.
Omaha, NE
Timothy C. Fitzgibbons, M.D.
Omaha, NE
121. Proximal Oblique Sliding Closing Wedge Osteotomy: A Retrospective Study to Evaluate Radiological and Clinical Outcomes in 53 Patients
*John S. Gould, M.D.
Birmingham, AL
Sameer Naranje, M.D.
Birmingham, AL
122. Medial Joint Space Widening of the Ankle in Displaced Tillaux and Triplane Fractures in Children
*Asheesh Gupta, M.D.
Chicago, IL
Prasad V. Gourineni, M.D.
Chicago, IL
123. Computed Tomography Pilon Classification System
*Brad S. Dunkin, M.D.
Cincinnati, OH
Theodore T. Le, M.D.
Cincinnati, OH
Camille L. Connelly, M.D.
Cincinnati, OH
124. Gastrocnemius Recession for Chronic Achilles Tendinopathy: A Retrospective Analysis of Outcomes
*Nathan J. Kiewiet, M.D.
Grand Rapids, MI
Donald R. Bohay, M.D.
Grand Rapids, MI
John G. Anderson, M.D.
Grand Rapids, MI

*Denotes Speaker

125. Treatment of Achilles Tendinopathy
Using Ultrasound Stimulation
*Andrew R. Hsu, M.D.
Chicago, IL
George B. Holmes, M.D.
Chicago, IL

Lunch on your own

1:00 p.m. - 3:00 p.m.
Multimedia Education

1:30 p.m.
Mid-America Golf Tournament
(see page 46)

2:00 p.m.
Mid-America Tennis Tournament
(see page 46)

6:30 p.m. - 7:30 p.m.

Steel Lecture – “Rock and Roll: The Origins and History of the Art Form that Changed the World”

Mr. Terry Stewart
President and CEO
Rock and Roll Hall of Fame and Museum
Cleveland, OH

Terry Stewart has been the President and CEO of the Rock and Roll Hall of Fame and Museum since 1999. The Museum, a nonprofit organization, exists to educate visitors, music fans, and scholars from around the world about the history and continuing significance of rock and roll music. Since opening in 1995, the Museum has welcomed more than eight million people with annual visitors coming from all 50 states in the U.S. and more than 100 countries.

Mr. Stewart has four degrees ranging from engineering to law, which had little to do with his being the President of Marvel Comics throughout much of the 1990s. He is also an avid collector of pop culture memorabilia. His extensive collection includes a world-class record collection, concert and movie posters, rock and roll memorabilia, and jukeboxes.

7:30 p.m. - 10:00 p.m.

Friday Night Dinner/Dance

Price: Included in Registration Fee for doctors, allied health, and registered spouses/guests

Exhibitor cost: \$160/person

Attire: Casual

Children's meal tickets are available for \$30/child (ages 3-11). Children's tickets may be purchased via the MAOA web site when registering for the meeting. **Note that children will eat from the adult buffet.**

SATURDAY, APRIL 21, 2012

6:00 a.m. - 1:00 p.m.

Registration

6:30 a.m.- 8:00 a.m.

INSTRUCTIONAL COURSE III – Current Concepts in the Management of Metastatic Disease to the Musculoskeletal System Especially for the Non-Oncologist

Continental breakfast will be available

Michael P. Mott, M.D., Moderator
Detroit, MI

Brian K. Rill, M.D., M.D.
Detroit, MI

Thomas J. Scharschmidt, M.D.
Columbus, OH

Scott D. Weiner, M.D.
Akron, OH

Objectives:

- Familiarize the audience with the breath and scope of metastatic disease
- Outline the steps for appropriate work-up, staging, biopsy, and preoperative special studies pertinent to various metastatic lesions
- Outline site-specific management and pitfalls of lesions based on location, bone quality, and patient profile using case examples. Lesions of the upper extremity, lower extremity, and pelvis +/- spine, and soft tissue metastatic disease will be included.
- Encourage audience participation by bringing in their own difficult cases for audience and panel review and commentary

The format for this instructional course lecture will consist of didactic lectures which will outline the scope, context, current literature, and treatment of metastatic tumors. Case examples will be used to reinforce teaching points with emphasis placed on ways to maximize outcome/avoid pitfalls. All in attendance will be encouraged to participate in the discussion process and are encouraged to bring their own cases for review and commentary by the audience and panel.

7:30 a.m. - 12:30 p.m.

Exhibits/Posters Open (continental breakfast available from 7:30 a.m. - 9:00 a.m. in exhibit area)

8:00 a.m. - 8:10 a.m.

Second Business Meeting (MAOA Members Only)

THIRD PLENARY SESSION

8:10 a.m. - 10:00 a.m.

8:10 a.m. - 8:12 a.m.

Assemble/Announcements

8:12 a.m. - 8:15 a.m.

Presentation of Mid-America Orthopaedic Association Poster Award Winners

8:15 a.m. - 8:45 a.m.

RAPP LECTURER

“Lessons We’ve Learned from Motor Sports”

Stephen E. Olvey, M.D.
Miami, FL

8:46 a.m. - 9:30 a.m.

126. Complications of Volar Locked Plating for Distal Radius Fractures

*David M. Brogan, M.D.
Rochester, MN
Hillary A. Becker, M.D.
Rochester, MN
David G. Dennison, M.D.
Rochester, MN
Alexander Y. Shin, M.D.
Rochester, MN

127. Clinical Outcomes of 2.7 mm Nonlocking Plates for Open Reduction and Internal Fixation of Clavicle Fractures

Brett D. Crist, M.D.
Columbia, MO
Kathryn Watson, B.S.
Columbia, MO
*Yvonne M. Murtha, M.D.
Wichita, KS
Gregory J. Della Rocca, M.D.
Columbia, MO

128. The Accuracy of Pedicle Screw Insertion Using Intraoperative Three-Dimensional Image Guidance
Edward Rainier G. Santos, M.D.
Minneapolis, MN
Jonathan N. Sembrano, M.D.
Minneapolis, MN
A. Noelle Larson, M.D.
Rochester, MN
*Charles Gerald T. Ledonio, M.D.
Minneapolis, MN
David W. Polly, Jr., M.D.
Minneapolis, MN
129. The Effects of Preoperative Narcotic Use on Pain Management After Total Knee Arthroplasty
David A. Fisher, M.D.
Indianapolis, IN
*Kimberly A. Fisher, M.S.
Indianapolis, IN
Mary Burgess
Indianapolis, IN
130. Pulmonary Findings in Asymptomatic Postoperative Total Joint Arthroplasty Patients
*Jonathan M. Vigdorchik, M.D.
Detroit, MI
Denis Lincoln, M.D.
Southfield, MI
David C. Markel, M.D.
Southfield, MI

9:30 a.m. - 10:00 a.m.

CLASSICS IN ORTHOPAEDICS
“The Evolution of the Professional Sports Team Physician”
John A. Bergfeld, M.D.
Cleveland, OH

10:00 a.m.- 10:30 a.m.
Coffee Break in Exhibit Area

10:30 a.m. - 12:45 p.m.
Breakout Sessions #11, #12, #13, #14, and #15 to run concurrently

BREAKOUT SESSION #11

TOTAL KNEE

10:30 a.m. - 12:30 p.m., Saturday, April 21, 2012

131. Pain and Dissatisfaction Following TKA Performed for Early Stage Osteoarthritis
Ryan M. Nunley, M.D.
St. Louis, MO
Gregory G. Polkowski, II, M.D.
Storrs, CT
Robert L. Barrack, M.D.
St. Louis, MO
132. Is Minimal Preoperative Degenerative Arthritis a Predictor of Poorer Outcomes?
Kevin I. Perry, M.D.
Rochester, MN
Nicholas L. Strasser, M.D.
Rochester, MN
*Robert T. Trousdale, M.D.
Rochester, MN
Mark W. Pagnano, M.D.
Rochester, MN
133. Return to Sports and Sports-Related Activity Following Unicompartmental Knee Arthroplasty – Preliminary Results
*Russell N. Stitzlein
Cleveland, OH
Jason C. Ho, M.S.
Cleveland, OH
Travis Stoner, D.O.
Cleveland, OH
Mark I. Froimson, M.D.
Cleveland, OH
134. Total Knee Arthroplasty in the Morbidly Obese Patient: Early Clinical Outcomes Using a Rapid Recovery Program
*Jeffrey H. DeClaire, M.D.
Rochester, MI
Jignesh Patel, D.O.
Rochester, MI
Jeffrey T. Rybarczyk, Ph.D.
Rochester, MI
Meredith Wood, P.A.
Rochester, MI
Shaunnah Yeihey, P.A.
Rochester, MI
135. How has Age and Comorbidity Burden in Joint Replacement Patients Changed?
*C. Lowry Barnes, M.D.
Little Rock, AR
Thomas P. Vail, M.D.
San Francisco, CA
Steven Takemoto, M.D.
San Francisco, CA

*Denotes Speaker

136. Manipulation After Total Knee Arthroplasty: Prognosis and Range of Motion
*Harpreet S. Bawa, B.S.
Granada Hills, CA
Glenn D. Wera, M.D.
Cleveland, OH
Matthew J. Kraay, M.D.
Cleveland, OH
William J. Petersilge, M.D.
Cleveland, OH
Randall E. Marcus, M.D.
Cleveland, OH
Victor M. Goldberg, M.D.
Cleveland, OH
137. Mechanical Axis Alignment Did Not Predict Dynamic Knee Joint Loading After Modern TKA
Mark W. Pagnano, M.D.
Rochester, MN
Emily J. Miller
Rochester, MN
Sebastien Parratte, M.D.
Rochester, MN
Henry D. Clarke, M.D.
Rochester, MN
Kenton R. Kaufman, Ph.D.
Rochester, MN
138. Should Preoperative Deformity Determine Femoral Component Rotation in Total Knee Arthroplasty?
*Anay R. Patel, M.D.
Chicago, IL
Brett W. McCoy, M.D.
Garfield Heights, OH
Mark A. Yaffe, M.D.
Chicago, IL
Raju S. Ghate, M.D.
Chicago, IL
S. David Stulberg, M.D.
Chicago, IL
139. What We Can and What We Can't Learn from Minimum 20-Year Follow-Up Studies of Total Knee Replacement
David W. Hennessy, M.D.
Madison, WI
*John J. Callaghan, M.D.
Iowa City, IA
Mitchell Beckert
Iowa City, IA
Steve S. Liu, M.D.
Iowa City, IA
Devon D. Goetz, M.D.
Iowa City, IA
Scott S. Kelley, M.D.
West Des Moines, IA
Richard C. Johnston, M.D.
Iowa City, IA
140. A Comparison of Wound Closure with Absorbable and Metal Staples After Knee Arthroplasty
David A. Fisher, M.D.
Indianapolis, IN
*Lowell Bengero, P.A.
Indianapolis, IN
Mary Burgess
Indianapolis, IN
141. Periprosthetic Supracondylar Femur Fractures: Mechanical Relevance of Anterior Cortex Notching
Martin F. Hoffmann, M.D.
Grand Rapids, MI
*Clifford B. Jones, M.D.
Grand Rapids, MI
Debra L. Sietsema, Ph.D., R.N.
Grand Rapids, MI

142. A Comparison of the Accuracy of Customized Instrumentation in TKA Between Arthroplasty and General Orthopedic Surgeons
Mark A. Yaffe, M.D.
Chicago, IL
Anay R. Patel, M.D.
Chicago, IL
Brett W. McCoy, M.D.
Garfield Heights, OH
Michael Luo, B.S.
Chicago, IL
Max Cayo, B.S.
Chicago, IL
*Diane Meisles
Grinnell, IA
Raju S. Ghate, M.D.
Chicago, IL
Jeffrey S. Meisles, M.D.
Elmhurst, IL
S. David Stulberg, M.D.
Chicago, IL
143. A Comparison of Computer-Based Anatomic Registration Techniques in TKA: CAS and Customized Instrumentation
Mark A. Yaffe, M.D.
Chicago, IL
*Brett W. McCoy, M.D.
Garfield Heights, OH
Anay R. Patel, M.D.
Chicago, IL
Max Cayo, B.S.
Chicago, IL
Raju S. Ghate, M.D.
Chicago, IL
S. David Stulberg, M.D.
Chicago, IL
- BREAKOUT SESSION #12
SHOULDER/TRAUMA
10:30 a.m. - 12:45 p.m., Saturday, April 21, 2012**
144. Extra-Articular Distal Humerus Fractures: Is One Plate Enough?
Brett D. Crist, M.D.
Columbia, MO
*Kevin C. Paisley, D.O.
Columbia, MO
Allan G. Anz, M.D.
Columbia, MO
Ferris Pfeiffer, Ph.D.
Columbia, MO
Gregory J. Della Rocca, M.D.
Columbia, MO
145. Is Biphosphonate Use Associated with Atypical Humeral Diaphyseal Fractures?
*Matthew A. Popa, M.D.
Grand Rapids, MI
Shaun Kink, M.D.
Grand Rapids, MI
Clifford B. Jones, M.D.
Grand Rapids, MI
Debra L. Sietsema, Ph.D., R.N.
Grand Rapids, MI
Matthew S. Nies, M.D.
Grand Rapids, MI
146. Alendronate Inhibits the Effects of Interleukin-1 Beta on Rat and Human Type II Chondrocytes In Vitro
*Matthew G. Cable, M.D.
Detroit, MI
Jeffrey C. Flynn, Ph.D.
Southfield, MI
Nancy M. Jackson, Ph.D.
Southfield, MI
David C. Markel, M.D.
Southfield, MI
147. Functional Outcomes After Operative Management of Extra-Articular Scapula Neck and Body Fractures
*Erich M. Gauger, M.D.
Minneapolis, MN
Peter A. Cole, M.D.
Minneapolis, MN
148. Does Pain Correlate with Patient Based Functional Outcome Scores After Proximal Humeral Fractures?
Clifford B. Jones, M.D.
Grand Rapids, MI
*Debra L. Sietsema, Ph.D., R.N.
Grand Rapids, MI
Paul Tornetta, III, M.D.
Boston, MA
149. The Effect of Humeral Head Defect Size on Instability of the Shoulder
*James N. Gerson
Cleveland, OH
Morgan H. Jones, M.D.
Cleveland, OH
Anthony Miniaci, M.D.
Cleveland, OH
Pradeep Kodali, M.D.
Cleveland, OH
Stephen D. Fening, Ph.D.
Cleveland, OH

150. The Comparative Analysis of Neurovascular Safety Between Superior and Anterior Plating Techniques of Clavicle Fractures
*Michael M. Hussey, M.D.
San Antonio, TX
Roberto J. Fajardo, M.D.
San Antonio, TX
Anil K. Dutta, M.D.
San Antonio, TX
151. Patient Satisfaction with Cosmesis and Function Following ORIF of Mid-Shaft Clavicle Fractures
Tyler Armstrong, B.S.
Edina, MN
*M. Russell Giveans, Ph.D.
Edina, MN
Rebecca M. Stone, B.S.
Edina, MN
Gregory N. Lervick, M.D.
Edina, MN
152. Progressive Displacement After Clavicle Fracture: Prospective Observational Study
*Erich M. Gauger, M.D.
Minneapolis, MN
Aaron Jacobson
Minneapolis, MN
Peter A. Cole, M.D.
Minneapolis, MN
Ryan E. Will, M.D.
Tacoma, WA
153. Reliability and Reproducibility of a New Method for Classifying Acromioclavicular Separations
*Gregory N. Lervick, M.D.
Edina, MN
Joseph McCormick, M.D.
Edina, MN
Charlie Popkin, M.D.
Edina, MN
M. Russell Giveans, Ph.D.
Edina, MN
154. Quantifying Glenoid Bone Loss in Anterior Shoulder Instability: Reliability and Accuracy of 2D and 3D CT Measurement Techniques
Aaron J. Bois, M.D.
Cleveland, OH
*Morgan H. Jones, M.D.
Cleveland, OH
Josh Polster, M.D.
Cleveland, OH
Stephen D. Fenning, Ph.D.
Akron, OH
Anthony Miniaci, M.D.
Cleveland, OH
155. A Biomechanical Comparison of Two Anatomical CC Ligament Reconstructions After Complete AC Dislocation
Jeffrey S. Staron, M.D.
Detroit, MI
Amanda O. Esquivel, Ph.D.
Detroit, MI
Jason D. Hanna, M.D.
Detroit, MI
Nikhil Pandhi, D.O.
Detroit, MI
Stephen E. Lemos, M.D., Ph.D.
Detroit, MI
156. Shoulder Arthroplasty as Treatment for Locked Posterior Dislocation of the Shoulder
*Clint J. Wooten, M.D.
Rochester, MN
Brian J. Klika, M.D.
Rochester, MN
John W. Sperling, M.D.
Rochester, MN
Robert H. Cofield, M.D.
Rochester, MN

BREAKOUT SESSION #13

PEDIATRICS/TUMOR

10:30 a.m. - 12:30 p.m., Saturday, April 21, 2012

157. The Incidence of Femoral Head Osteonecrosis in Pediatric Femoral Neck Fractures: A 25-Year Study
*Patrick M. Riley, Jr., M.D.
Akron, OH
Melanie A. Morscher, B.S.
Akron, OH
M. David Gothard, M.S.
Akron, OH
Patrick M. Riley, M.D.
Akron, OH

158. Long-Term Functional Outcomes Following Surgical Management of Pediatric Pelvic Aneurysmal Bone Cysts
Amy K. Zimmerman
St. Paul, MN
Eduardo Novais, M.D.
Rochester, MN
Peter S. Rose, M.D.
Rochester, MN
Franklin H. Sim, M.D.
Rochester, MN
*Amy L. McIntosh, M.D.
Rochester, MN
159. Surgery and Actinomycin Improve Survival in Malignant Rhabdoid Tumor
*Ryan D. Horazdovsky, M.D.
Minneapolis, MN
J. Carlos Manivel, M.D.
Minneapolis, MN
Edward Y. Cheng, M.D.
Minneapolis, MN
160. Allograft Cortical Strut Reconstruction of Space Occupying Bone Lesions: Radiographic and Clinical Outcomes
*Jason Tank, M.D.
Akron, OH
Michael Vignos
Akron, OH
Tyson T. Schrickel, M.D.
Akron, OH
Scott D. Weiner, M.D.
Akron, OH
161. Serum Protein Electrophoresis Lacks Sensitivity and Specificity for Diagnosis of Multiple Myeloma
*Lukas M. Nystrom, M.D.
Iowa City, IA
Joseph A. Buckwalter, M.D.
Iowa City, IA
Benjamin J. Miller, M.D.
Iowa City, IA
162. Reconstruction of the Proximal Humerus for Bone Neoplasm Using an Anatomic Prosthesis-Bone Graft Composite
*David E. Hartigan, M.D.
Rochester, MN
Robert H. Cofield, M.D.
Rochester, MN
John W. Sperling, M.D.
Rochester, MN
Christian Veillette, M.D.
Toronto, Ontario, Canada
Thomas C. Shives, M.D.
Rochester, MN
Joaquin Sanchez-Sotelo, M.D., Ph.D.
Rochester, MN
163. Acute Compartment Syndrome After Intramedullary Fixation of Pediatric Diaphyseal Forearm Fractures
*Andrew J. Blackman, M.D.
St. Louis, MO
Lindley B. Wall, M.D.
St. Louis, MO
Jakub S. Langer, M.D.
St. Louis, MO
June O'Donnell, M.P.H., M.T. (A.S.C.P.)
St. Louis, MO
J. Eric Gordon, M.D.
St. Louis, MO
164. Septic Arthritis in Children Less Than Three Months of Age (A Retrospective Review)
*Kenneth T. Bono, M.D.
Akron, OH
Kevin E. Klingele, M.D.
Columbus, OH
165. Pediatric Osteoid Osteomas Not Amenable to Radiofrequency Ablation: A Retrospective Review of Surgical Outcomes
Amy K. Zimmerman
St. Paul, MN
Anthony A. Stans, M.D.
Rochester, MN
William J. Shaughnessy, M.D.
Rochester, MN
*Amy L. McIntosh, M.D.
Rochester, MN

166. A Prospective Evaluation of Post-Traumatic Stress Disorder and Parent Stress in Children with Orthopedic Injuries

*Maegen Wallace, M.D.
St. Louis, MO
Aki S. Puryear, M.D.
St. Louis, MO
Lisa K. Cannada, M.D.
St. Louis, MO

167. Neglect and Diagnostic Delay of Malignant Soft Tissue Tumors

Herrick J. Siegel, M.D.
Birmingham, AL
*Brad A. Culotta, M.D.
Birmingham, AL
Diego Herrera, M.D.
Birmingham, AL

168. Analysis of Three-Tesia Magnetic Resonance Imaging for Diagnosis of Intra-Articular Knee Injuries in Children and Teenagers

*David Schub, M.D.
Cleveland, OH
Faysal Altahawi
Cleveland, OH
Adam F. Meisel, M.D.
Cleveland, OH
Carl Winalski, M.D.
Cleveland, OH
Richard D. Parker, M.D.
Cleveland, OH
Paul M. Saluan, M.D.
Cleveland, OH

169. Ultrasound Evaluation of Ulnar Nerve Stability in the Pediatric Population

*Jad G. Khalil, M.D.
Detroit, MI
Julie Legakis, Ph.D.
Detroit, MI
Orry Erez, M.D.
Detroit, MI
Heather R. Harrison, M.D.
Detroit, MI
Jillian Tweedie, M.S.
Detroit, MI
Edward Kaminski, M.D.
Detroit, MI
Richard A. K. Reynolds, M.D.
Detroit, MI

BREAKOUT SESSION #14 HIP MOM/COMPLICATIONS

10:30 a.m. - 12:30 p.m., Saturday, April 21, 2012

170. Multicenter Mid-Term Study of a Modular Metal-on-Metal Total Hip Arthroplasty

*David A. Fisher, M.D.
Indianapolis, IN
Thomas L. Bernasek, M.D.
Tampa, FL
David F. Dalury, M.D.
Baltimore, MD
Michael J. Adler, M.D.
Temple Terrace, FL
Gerald E. Alexander, M.D.
Tampa, FL

171. Metal-on-Metal Bearings in Cementless Total Hip Arthroplasty at 3 to 5 Year Follow-Up

*Adam Liudahl, B.S.
Iowa City, IA
John J. Callaghan, M.D.
Iowa City, IA
Steve S. Liu, M.D.
Iowa City, IA
Devon D. Goetz, M.D.
West Des Moines, IA
Craig R. Mahoney, M.D.
Des Moines, IA

172. Metal-on-Metal Components in Total Hip Arthroplasty: A Case Series

*Clifford K. Boese, M.D.
Council Bluffs, IA
Theresa J. Gallo, P.A.
Council Bluffs, IA
Carla J. Plantikow, M.S.
Council Bluffs, IA

173. Comparison of Early Adverse Outcomes Between Total Hip Arthroplasty and Hip Resurfacing

*Peter J. Brooks, M.D.
Cleveland, OH
Carlos A. Higuera, M.D.
Cleveland, OH
Phillip M. Golnick, P.A.
Cleveland, OH
Gregory Strnda, B.S.
Cleveland, OH
Boris Bershadsky, Ph.D.
Cleveland, OH

174. Effect of a Second Joint Replacement on Metal Ion Levels After Primary Total Hip Arthroplasty
*Andrew R. Hsu, M.D.
Chicago, IL
Brett R. Levine, M.D.
Chicago, IL
Wayne G. Paprosky, M.D.
Chicago, IL
Joshua J. Jacobs, M.D.
Chicago, IL
175. Comparison of Symptoms and Function Following THA vs. Surface Replacement in Young Active Patients
Ryan M. Nunley, M.D.
St. Louis, MO
Craig J. Della Valle, M.D.
Chicago, IL
Erin L. Ruh, M.S.
St. Louis, MO
Qin Zhang, M.D.
St. Louis, MO
Javad Parvizi, M.D.
Philadelphia, PA
C. Anderson Engh, Jr., M.D.
Arlington, VA
Michael E. Berend, M.D.
Mooresville, IN
John C. Clohisey, M.D.
St. Louis, MO
Robert L. Barrack, M.D.
St. Louis, MO
176. The Impact of Weightbearing on Acetabular Component Inclination and Version Following Hip Arthroplasty
Ryan M. Nunley, M.D.
St. Louis, MO
Gregory G. Polkowski, II, M.D.
Storrs, CT
Robert L. Barrack, M.D.
St. Louis, MO
Brandon M. Williams, B.S.
St. Louis, MO
Erin L. Ruh, M.S.
St. Louis, MO
177. Do We Need Pedometer Data to Differentiate Long-Term Function Following Total Hip Replacement?
Ryan K. Takenaga, M.D.
Iowa City, IA
Nicholas A. Bedard, B.S.
Iowa City, IA
Steve S. Liu, M.D.
Iowa City, IA
Alison Klaassen, M.S.
Iowa City, IA
Douglas R. Pedersen, Ph.D.
Iowa City, IA
*John J. Callaghan, M.D.
Iowa City, IA
178. Total Hip Arthroplasty for Femoral Neck Fracture: Comparing Results to an Elective Patient Population
*Adam A. Sassoon, M.D.
Rochester, MN
Michele R. D'Apuzzo, M.D.
Charlottesville, VA
S. Andrew Sems, M.D.
Rochester, MN
Joseph R. Cass, M.D.
Rochester, MN
Tad M. Mabry, M.D.
Rochester, MN
179. A Novel Aseptic Protocol Decreases Surgical Site Infections After Primary and Revision Hip Arthroplasty
Aman Luther, M.D.
Chicago, IL
Melinda Stack, M.D.
Chicago, IL
*David W. Manning, M.D.
Chicago, IL
180. Dislocation Risk in Morbidly Obese Total Hip Patients
*Jacob Elkins, M.S.
Iowa City, IA
Douglas R. Pedersen, Ph.D.
Iowa City, IA
John J. Callaghan, M.D.
Iowa City, IA
Thomas D. Brown, Ph.D.
Iowa City, IA

181. Tranexamic Acid Reduces Need for Transfusion in Primary Total Hip Arthroplasty
*Jeffrey T. Hodrick, M.D.
Nashville, TN
J. Craig Morrison, M.D.
Nashville, TN
David K. DeBoer, M.D.
Nashville, TN
Michael J. Christie, M.D.
Nashville, TN
182. Wound Complications in Joint Arthroplasty: Evaluation of a Unidirectional Barbed Suture for Skin Closure
*Ronak M. Patel, M.D.
Chicago, IL
Lalit Puri, M.D.
Chicago, IL
Arpan Patel, M.D.
Chicago, IL
Marie Albarillo, M.D.
Chicago, IL
- BREAKOUT SESSION #15**
SPINE
10:30 a.m. - 12:30 p.m., Saturday, April 21, 2012
183. Does Prone Re-Positioning Prior to Posterior Fixation Produce Greater Lordosis in Lateral Lumbar Interbody Fusion?
*Jonathan N. Sembrano, M.D.
Minneapolis, MN
Sharon C. Yson, M.D.
Minneapolis, MN
Jeffrey Thomas P. Luna, M.D.
Minneapolis, MN
Edward Ranier G. Santos, M.D.
Minneapolis, MN
184. Adjuncts in Posterolateral Lumbar Spine Fusion: How Does Recombinant Human Bone Morphogenetic Protein-2 (rhMBP-2) Stack Up to the Gold Standard?
*Martin F. Hoffmann, M.D.
Grand Rapids, MI
Clifford B. Jones, M.D.
Grand Rapids, MI
Debra L. Sietsema, Ph.D., R.N.
Grand Rapids, MI
185. Recombinant Human Bone Morphogenetic Protein-2 in Posterolateral Spine Fusion: What's the Correct Dose?
*Martin F. Hoffmann, M.D.
Grand Rapids, MI
Clifford B. Jones, M.D.
Grand Rapids, MI
Debra L. Sietsema, Ph.D., R.N.
Grand Rapids, MI
186. Comparison Between Two Pedicle Screw Constructs in Adolescent Idiopathic Scoliosis Posterior Fusions
*John W. Kemppainen, M.D.
Akron, OH
Mark J. Adamczyk, M.D.
Akron, OH
Todd F. Ritzman, M.D.
Akron, OH
187. The Use of Permanently-Placed Metal Expandable Cages for Vertebral Body Reconstruction in the Surgical Treatment of Spondylodiscitis
*Graham C. Calvert, M.D.
Birmingham, AL
Larry A. May
Birmingham, AL
Steven M. Theiss M.D.
Birmingham, AL
188. Clinical Decision Making, Differentiating Disabling Sacroiliac Pain from Axial Disc Based Explanations
*John G. Stark, M.D.
Minneapolis, MN
189. Results of Interspinous Decompression for Spinal Stenosis in a Community-Based Hospital Setting
*Theodore D. Koreckij, M.D.
Detroit, MI
Michael Milshteyn, M.D.
Detroit, MI
Geoffrey Siegel, M.D.
Detroit, MI
Melanie McQueen, B.S.
Detroit, MI
Nilesh M. Patel, M.D.
Dearborn, MI

190. Comparison of Different Posterior Instrumentation Systems in Achieving Stability to Supplement Transforaminal Lumbar Interbody Fusions (TLIFs): A Biomechanical Cadaver Study
*Fernando Techy, M.D.
Chicago, IL
Robert F. McLain, M.D.
Cleveland, OH
Prasath Mageswaran, M.D.
Cleveland, OH
Robb Colbrunn, M.D.
Cleveland, OH
Tara Bonner, M.D.
Cleveland, OH
 191. The Biomechanical Effect of Dynamically Stabilizing the Adjacent Segment to a One Level Lumbar Fusion
Fernando Techy, M.D.
Chicago, IL
Robert F. McLain, M.D.
Cleveland, OH
*Prasath Mageswaran, M.D.
Cleveland, OH
Robb Colbrunn, M.D.
Cleveland, OH
Tara Bonner, M.D.
Cleveland, OH
 192. Core Muscle Size as a Predictor of Kyphoplasty Outcomes
*Garin Hecht, B.S.
Ann Arbor, MI
Shaun P. Patel, B.S.
Ann Arbor, MI
Gregory P. Graziano, M.D.
Ann Arbor, MI
Sven A. Holcombe, B.S.
Ann Arbor, MI
Stewart C. Wang, M.D.
Ann Arbor, MI
James A. Goulet, M.D.
Ann Arbor, MI
 193. Perioperative Complications and Harvest Site Pain Associated with a Minimally Invasive Method for Obtaining Iliac Crest Bone Graft (ICBG) for Anterior Cervical Discectomy and Fusion (ACDF)
Fernando Techy, M.D.
Chicago, IL
*Robert F. McLain, M.D.
Cleveland, OH
Candance Rufo-Smith, R.N.
Cleveland, OH
Diane Fabec, R.N.
Cleveland, OH
 194. Segmental Lumbar Sagittal Correction After Bilateral Transforaminal Lumbar Interbody Fusion
Edward Rainier G. Santos, M.D.
Minneapolis, MN
*Sharon C. Yson, M.D.
Minneapolis, MN
Jonathan N. Sembrano, M.D.
Minneapolis, MN
David W. Polly, Jr., M.D.
Minneapolis, MN
 195. Lordotic vs. Non-Lordotic Cages in Lateral Lumbar Interbody Fusion (LLIF)
*Ryan D. Horazdovsky, M.D.
Minneapolis, MN
Amit K. Sharma, M.D.
Minneapolis, MN
Edward Rainier G. Santos, M.D.
Minneapolis, MN
Jonathan N. Sembrano, M.D.
Minneapolis, MN
- Lunch on your own
- 12:45 p.m.
Board of Directors' Meeting
- 1:00 p.m. – 3:00 p.m.
Multimedia Education
- Dinner on your own
- 6:45 p.m.
Optional Tour – Sunset Cruise
(see page 46)

SUNDAY, APRIL 22, 2012

Departure

*Denotes Speaker

POSTER PRESENTATIONS

The following posters will be displayed in the Calusa Foyer from 7:30 a.m. to 12:30 p.m. on Thursday, Friday, and Saturday as well as on Thursday evening from 6:00 p.m. – 7:30 p.m.

The poster presenters will be available on Thursday evening from 6:00 p.m. to 7:30 p.m. and on Friday morning during the coffee break (10:20 a.m. – 11:00 a.m.) to answer any questions. **AMA PRA Category 1 Credit™** can be earned for poster viewing only when the presenters are available.

Health Systems

1. Waste of Component Parts in Total Joint Arthroplasty: A Registry Study
*Ramesh Periyasamy, M.D.
Minneapolis, MN
Penny J. Tatman, M.P.H.
St. Paul, MN
Susan C. Mehle, B.S.
St. Paul, MN
Kathy Killeen, M.O.T.
St. Paul, MN
Terence J. Gioe, M.D.
Minneapolis, MN
2. Thirty Day Orthopedic and Rheumatologic Re-Admissions: Retrospective Analysis at a Tertiary Care Medical Center
*Nathan W. Mesko, M.D.
Cleveland, OH
David Kovacevic, M.D.
Cleveland, OH
Keith Bachmann, M.D.
Cleveland, OH
Deana Trihas, B.S.
Cleveland, OH
Mary Ellen Lograsso, R.N.
Cleveland, OH
Mark I. Froimson, M.D.
Cleveland, OH
3. Establishing the Process of Routine Outcomes Data Collection in a Comprehensive Orthopedic Center: Critical Steps to Success
*Marc F. Swiontkowski, M.D.
Minneapolis, MN
Megan Reams, M.D.
Minneapolis, MN
Julie Agel, M.D.
Minneapolis, MN
4. Establishing Chondrocyte Culture on a Self-Assembled Monolayer
*Matthew F. Dilisio, M.D.
Akron, OH
Laura A. Smith, Ph.D.
Akron, OH
Walter Horton, Jr., Ph.D.
Rootstown, OH
Scott D. Weiner, M.D.
Akron, OH
Matthew L. Becker, Ph.D.
Akron, OH
5. The Effects of Polyethylene Particles at a Weight-Bearing Rat Tibia Bone-Implant Interface
*Kerellos Nasr, M.D.
Detroit, MI
Nancy M. Jackson, Ph.D.
Southfield, MI
Basma Khoury, M.S.
Southfield, MI
Amanda O. Esquivel, Ph.D.
Detroit, MI
Weiping Ren, Ph.D.
Detroit, MI
David C. Markel, M.D.
Southfield, MI
6. Angular Stable Intramedullary Nail vs. Locking Plate Fixation of Osteoporotic Surgical Neck Proximal Humerus Fractures: A Biomechanical Comparison
*Eric M. Samuelson, M.D.
Omaha, NE
Hani Haider, Ph.D.
Omaha, NE
Armodios M. Hatzidakis, M.D.
Denver, CO
Edward V. Fehringer, M.D.
Omaha, NE

7. Effects of Joint Contracture on the Contralateral Unoperated Limb in a Rabbit Knee Contracture Model: A Biomechanical and Genetic Study
*Matthew P. Abdel, M.D.
Rochester, MN
Mark E. Morrey, M.D.
Rochester, MN
Jonathan D. Barlow, M.D.
Rochester, MN
Kai-Nan An, Ph.D.
Rochester, MN
Scott P. Steinmann, M.D.
Rochester, MN
Joaquin Sanchez-Sotelo, M.D., Ph.D.
Rochester, MN
Bernard F. Morrey, M.D.
Rochester, MN

Hip

8. Current National Trends in Total vs. Hemiarthroplasty in the Treatment of Femoral Neck Fractures
*Adam A. Sassoon, M.D.
Rochester, MN
Michele R. D'Apuzzo, M.D.
Rochester, MN
S. Andrew Sems, M.D.
Rochester, MN
Joseph R. Cass, M.D.
Rochester, MN
Tad M. Mabry, M.D.
Rochester, MN
9. The Radiographic Findings of Hip Dysplasia are Different in Males Than Females
*G. David Potter, M.D.
Rochester, MN
Eduardo N. Novais, M.D.
Rochester, MN
Rafael J. Sierra, M.D.
Rochester, MN
Robert T. Trousdale, M.D.
Rochester, MN
10. The Accuracy of Intraoperative Fluoroscopic Assessment of Periacetabular Osteotomy Correction
*Charles L. Lehmann, M.D.
St. Louis, MO
Jeffrey J. Nepple, M.D.
St. Louis, MO
Perry L. Schoenecker, M.D.
St. Louis, MO
John C. Clohisy, M.D.
St. Louis, MO
11. Variation in Contact Areas in the Proximal Femur Depending on Implant Design
*Alejandro Marquez-Lara, M.D.
Chicago, IL
Ronak M. Patel, M.D.
Chicago, IL
S. David Stulberg, M.D.
Chicago, IL
12. Is Coxa Profunda a Useful Radiographic Feature of Pincer-Type Femoro-acetabular Impingement?
*Jeffrey J. Nepple, M.D.
St. Louis, MO
Charles L. Lehmann, M.D.
St. Louis, MO
James R. Ross, M.D.
St. Louis, MO
Perry L. Schoenecker, M.D.
St. Louis, MO
John C. Clohisy, M.D.
St. Louis, MO
13. Higher Complication Rate in Obese Than Non-Obese Patients After Periacetabular Osteotomy
*Eduardo N. Novais, M.D.
Denver, CO
Rafael J. Sierra, M.D.
Rochester, MN
G. David Potter, M.D.
Rochester, MN
Robert T. Trousdale, M.D.
Rochester, MN
14. Surgical Hip Dislocation for the Treatment of Femoroacetabular Impingement in Patients 40 and Older
*Michael R. Pagnotto, M.D.
Pittsburgh, PA
Gregory R. Boone, B.S.
Rochester, MN
Justin A. Walker, M.D.
Rochester, MN
Robert T. Trousdale, M.D.
Rochester, MN
Rafael J. Sierra, M.D.
Rochester, MN

15. Acetabular Cup Positioning: You're Not Where You Think You Are
*Scott A. Wingerter, M.D.
Jackson, MS
Rowland M. Roberson, M.D.
Jackson, MS
Trevor R. Pickering, M.D.
Jackson, MS
Jeff D. Almand, M.D.
Jackson, MS
16. Novel Preoperative Planning Coupled with Patient Specific Instrumentation Improves Acetabular Implant Placement
*Wael K. Barsoum, M.D.
Cleveland, OH
Leonard T. Buller, B.S.
Cleveland, OH
Travis H. Smith, D.O.
Cleveland, OH
Jason Bryan, M.D.
Cleveland, OH
Joseph P. Iannotti, M.D.
Cleveland, OH
17. Relationship Between Femoral and Acetabular Alignment in Normal Hip Joints: A Three-Dimensional Analysis
Leonard T. Buller, B.S.
Cleveland, OH
*James T. Rosneck, M.D.
Cleveland, OH
Feno Monaco, B.S.
Cleveland, OH
Sam (Robert) Butler, M.S.
Cleveland, OH
Wael K. Barsoum, M.D.
Cleveland, OH
18. Descriptive Epidemiology of Femoroacetabular Impingement: A North American Cohort
*John C. Clohisy, M.D.
St. Louis, MO
Geneva Baca, B.S.
St. Louis, MO
Ira Zaltz, M.D.
Detroit, MI
Christopher M. Larson, M.D.
Edina, MN
Robert T. Trousdale, M.D.
Rochester, MN
Young Jo Kim, M.D.
Boston, MA
Daniel J. Sucato, M.D.
Dallas, TX
Ernest L. Sink, M.D.
New York, NY
David A. Podeszwa, M.D.
Dallas, TX
Michael B. Millis, M.D.
Boston, MA
Paul E. Beaule, M.D.
Ottawa, Ontario, Canada
Perry L. Schoenecker, M.D.
St. Louis, MO
Rafael J. Sierra, M.D.
Rochester, MN
19. Intra-Articular Abnormalities Associated with Residual Perthes-Like Hip Deformities
*James R. Ross, M.D.
St. Louis, MO
Jeffrey J. Nepple, M.D.
St. Louis, MO
Geneva Baca, B.S.
St. Louis, MO
Perry L. Schoenecker, M.D.
St. Louis, MO
John C. Clohisy, M.D.
St. Louis, MO
20. A Mid-Term Comparison of Off-the-Shelf and Custom Short Stem Metaphyseal Femoral Implants
*Ronak M. Patel, M.D.
Chicago, IL
Max Cayo, B.S.
Chicago, IL
Winifred Lo, B.S.
Chicago, IL
Mark Dolan, M.D.
Chicago, IL
S. David Stulberg, M.D.
Chicago, IL

Knee

21. Revision of the Multiply Operated Knee Using the RHK Mobile Bearing Revision TKA Device
*Bernard N. Stulberg, M.D.
Cleveland, OH
Gurion Rivkin, M.D.
Cleveland, OH
Jayson D. Zadzilka, M.S.
Cleveland, OH
22. Factors Influencing the Outcome of Autologous Chondrocyte Implantation: A Systematic Review
*Omar A. Behery, MPH
Columbus, OH
Jonathan M. Karnes
Columbus, OH
Joshua D. Harris, M.D.
Columbus, OH
Robert A. Siston, M.D.
Columbus, OH
David C. Flanigan, M.D.
Columbus, OH
23. Weightbearing, Three-Dimensional Alignment of the Normal Adult Knee
*Ryan M. Nunley, M.D.
St. Louis, MO
Ritesh R. Shah, M.D.
St. Louis, MO
Robert L. Barrack, M.D.
St. Louis, MO

Spine

24. Analysis of Vertebral Bone Mineral Density of Computed Tomography
*Shaun P. Patel, B.S.
Ann Arbor, MI
Sven A. Holcombe, B.S.
Ann Arbor, MI
Stewart C. Wang, M.D.
Ann Arbor, MI
James A. Goulet, M.D.
Ann Arbor, MI

25. Prevalence and Functional Outcomes of Spinal Cord Injury Syndromes in Adult Patients with Traumatic Brachial Plexus Injuries

Peter C. Rhee, D.O.
Rochester, MN
*Matthew C. Wendt, M.D.
Rochester, MN
Robert J. Spinner, M.D.
Rochester, MN
Allen T. Bishop, M.D.
Rochester, MN
Alexander Y. Shin, M.D.
Rochester, MN

Trauma

26. Outcomes and Complications After Bilateral Tibia Fractures: How Bad Are They?
*Shari Cui, M.D.
St. Louis, MO
Heidi Israel, Ph.D.
St. Louis, MO
Lisa K. Cannada, M.D.
St. Louis, MO
27. Factors Influencing the Effectiveness of Blood Salvage in Acetabular Fracture Surgery
*David J. Klimaski, M.D.
Cincinnati, OH
Michael T. Archdeacon, M.D.
Cincinnati, OH
Patricia M. Carey, M.D.
Cincinnati, OH
Camille L. Connelly, M.D.
Cincinnati, OH
28. Clinical Outcome After Lumbopelvic Fixation for Pelvic Fractures
*Clifford B. Jones, M.D.
Grand Rapids, MI
Martin F. Hoffmann, M.D.
Grand Rapids, MI
Debra L. Sietsema, Ph.D., R.N.
Grand Rapids MI
29. Management of Lower Extremity Fasciotomy Incisions, Should We VAC?
*Mihn D. Nguyen, M.D.
Columbus, OH
Thomas J. Ellis, M.D.
Columbus, OH
Amer J. Mirza, M.D.
Portland, OR

30. Rib Fracture Fixation: Initial Experiences and Outcomes
*Benjamin C. Taylor, M.D.
Columbus, OH
Bruce G. French, M.D.
Columbus, OH
34. Neck-Shoulder Crossover: How Often Do Neck and Shoulder Pathology Masquerade as the Other?
Jonathan N. Sembrano, M.D.
Minneapolis, MN
*Sharon C. Yson, M.D.
Minneapolis, MN
Okezika C. Kanu, B.S.
Minneapolis, MN
Edward Rainer G. Santos, M.D.
Minneapolis, MN
Alicia K. Harrison, M.D.
Minneapolis, MN
David W. Polly, Jr., M.D.
Minneapolis, MN

Upper Extremity

31. Inflammatory Blood Levels as Markers for Purulent Flexor Tenosynovitis
*Trevor R. Born, M.D.
Rochester, MN
Sanjeev Kakar, M.D.
Rochester, MN
Gavin Bishop, M.D.
Boston, MA
Andrew Jawa, M.D.
Boston, MA
32. Feasibility of Contralateral Trapezius Transfer to Restore Shoulder External Rotation: Part I
*Eric R. Wagner, M.D.
Rochester, MN
Bassem T. Elhassan, M.D.
Rochester, MN
33. A Biomechanical Comparison of Three Methods to Repair Pectoralis Major Ruptures
*Stephen J. Rabuck, M.D.
Pittsburgh, PA
Jamie L. Lynch, M.D.
Royal Oak, MI
Sara L. Edwards, M.D.
Chicago, IL
Gordon W. Nuber, M.D.
Chicago, IL
Xin Guo, Ph.D.
Chicago, IL
Li-Qun Zhang, Ph.D.
Chicago, IL
Matthew D. Saltzman, M.D.
Chicago, IL
35. Anatomy of the Posterior Glenoid Labrum and Capsule of the Shoulder Joint: A Cadaveric Study
*Syed A. Hasan, M.D.
Baltimore, MD
Sreenivasa Alla, M.D.
Little Rock, AR
36. Biomechanical Comparison of Lesser Tuberosity Osteotomy vs. Subscapularis Tenotomy in Total Shoulder Arthroplasty
*Steven A. Giuseffi, M.D.
Rochester, MN
Prasit Wongtriratanachai, M.D.
Rochester, MN
Hiromichi Omae, M.D.
Rochester, MN
Akin Cil, M.D.
Kansas City, MO
Mark E. Zobitz, M.S.
Rochester, MN
Kai-Nan An, Ph.D.
Rochester, MN
John W. Sperling, M.D.
Rochester, MN
Scott P. Steinmann, M.D.
Rochester, MN
37. Structural Bone Grafting for Glenoid Bone Deficiency in Primary Total Shoulder Arthroplasty
*Brian J. Klika, M.D.
Rochester, MN
Clint J. Wooten, M.D.
Rochester, MN
John W. Sperling, M.D.
Rochester, MN
Robert H. Cofield, M.D.
Rochester, MN
Scott P. Steinmann, M.D.
Rochester, MN

38. Comparison of Glenohumeral Pressure Before and After Labral Repairs: Simple vs. Vertical Suture Pattern
Jason D. Hanna, M.D.
Detroit, MI
Amanda O. Esquivel, Ph.D.
Detroit, MI
Jeffrey S. Staron, M.D.
Detroit, MI
Nikhil Pandhi, D.O.
Detroit, MI
*Stephen E. Lemos, M.D., Ph.D.
Detroit, MI
40. Evaluation of Outcomes of Complex Idiopathic Clubfeet
*Heather A. Champion, M.D.
Iowa City, IA
Jose A. Morcuende, M.D.
Iowa City, IA
Lori Dolan, Ph.D.
Iowa City, IA

Pediatrics

39. Definitive Nonoperative Treatment of Femoral Shaft Fractures in Young Children with Hip Spica Splinting
*Ronald S. Paik, M.D.
Chicago, IL
Prasad V. Gourineni, M.D.
Chicago, IL

IMPORTANT INFORMATION REGARDING THIRTIETH ANNUAL MEETING

WHAT IS INCLUDED IN YOUR REGISTRATION FEE?

See page 3 regarding the registration fee for the Wednesday, April 18, 2012, “Back to the Basics Comprehensive Knee Course: Sports, Trauma, and Reconstructive Techniques”.

Physician Registration

- Continental Breakfast in Exhibit Area on Thursday, Friday, and Saturday
- Coffee Breaks in the Exhibit Area
- Welcome Reception and Buffet Dinner on Wednesday
- Dinner/Dance on Friday
- Meeting Expenses - As with all meetings, your registration fee helps to cover all expenses of the annual meeting, such as name badges, printing, postage, audiovisual equipment, etc.

Spouse/Guest Registration

- Continental Breakfast at the Spouse/Guest Welcome on Thursday
- Welcome Reception and Buffet Dinner on Wednesday
- Dinner/Dance on Friday
- Name badge

Controlling Registration Fees

Charges for functions, meeting space, and amenities are ameliorated in direct ratio to the number of rooms booked through the Association's block. Consolidating our reservations helps control registration fees.

The 2012 meeting registration fees are as follows:

	On or before March 23, 2012	After March 23, 2012
Member	\$850.00	\$950.00
Nonmember	\$1,250.00	\$1,350.00
Resident/Fellow/Allied Health	\$500.00	\$600.00
Spouse/Guest	\$100.00	\$100.00
Exhibitor —company representative (includes Wed. & Fri. dinners)	\$320.00	\$320.00
Exhibitor —company representative (includes Wed. dinner)	\$160.00	\$160.00
Exhibitor —company representative (includes Fri. dinner)	\$160.00	\$160.00
Exhibitor —company representative (no dinners included)	\$0.00	\$0.00

POLICY REGARDING CHILDREN'S ATTENDANCE

Children

All children attending the Thirtieth Annual Meeting are welcome to attend various functions with a parent. Should children wish to attend the evening functions in the MAOA program, a ticket must be purchased in advance for each event. Children's evening meal tickets for Wednesday and Friday may be purchased via the MAOA web site when registering for the meeting. **NOTE: Children will eat from the adult buffet.** At the Hyatt Regency Coconut Point Resort, children age 18 and under stay free of charge, when sharing a room with an adult.

HYATT REGENCY COCONUT POINT RESORT

The Hyatt Regency Coconut Point Resort is situated on 26 acres along the Gulf of Mexico and the pristine Estero Bay. Surrounded by lavish gardens, it is a tropical paradise in the upscale community of Florida's Bonita Springs. The resort offers casual elegance and Southern-style hospitality. The 454 guest rooms include 25 deluxe suites each with a breathtaking view and all with deluxe amenities.

MAOA has been allotted "Run of the House" accommodations. This means that our special MAOA room rate will include rooms of all types and vary in location, size, and bedding. Accommodations will be assigned at the time of check-in according to your reservation request. MAOA will also offer a special rate for Bay Suites, as well as Island Suites, which are perfect for families with small children. The special MAOA group room rates are valid three (3) days prior and three (3) days after the meeting dates, subject to availability.

The MAOA daily room rate is as follows:

Single or Double Run of House Room	\$239.00
Bay Suites	\$339.00
Island Suites	\$439.00

Note: The above rates are European plan (no meals included) and are subject to applicable state and local taxes, which are currently 11% and are subject to change.

RESORT AMENITIES PROGRAM. The Hyatt Regency Coconut Point Resort & Spa charges a daily Resort Fee of \$20.00 per room per day. **THIS FEE HAS BEEN WAIVED FOR ALL ATTENDEES OF THE MAOA MEETING WHO ARE BOOKED THROUGH THE MAOA.** The program includes: high-speed wired Internet access in guest room, golf bag storage, bicycle rental, local telephone calls, 800/888 telephone surcharges, incoming faxes, DVD rental, complimentary self-parking, resort trolley, beach ferry, and exercise facilities. **PLEASE BE ADVISED THAT THERE IS NO WIRELESS INTERNET ACCESS IN ANY OF THE MEETING ROOMS.**

REGISTER EARLY

Early registration is recommended. The Hyatt Regency Coconut Point Resort is holding a block of rooms for attendees, and these rooms may be obtained by making reservations through the MAOA web site (www.maoa.org). This allows MAOA members first choice of these rooms and complimentary Resort Amenity Program. Reservation requests from MAOA members will be given priority until March 23, 2012. Following that date, reservations will be accepted on space availability basis, and if the group rate is not available, the prevailing hotel rack rates will apply.

GENERAL

HOW TO REGISTER AND RESERVE A HOTEL ROOM

Visit the Mid-America Orthopaedic Association web site (www.maoa.org) to register for the meeting and reserve a hotel room. Click on "2012 Annual Meeting". If you encounter any problems registering or making your room reservation, please call the MAOA office at (507) 281-3431. Room reservations will be closed March 23, 2012, or earlier if all hotel space has been allocated.

HOTEL CONFIRMATION AND CANCELLATION POLICY

When requesting your room reservation, you will need a valid American Express, Diners Club, Discover Card, Visa, or MasterCard number and expiration date. Your credit card number will be held to guarantee your room reservation. Guest room reservations may be canceled up to 72 hours or more prior to the arrival date without penalty. Guest room reservations canceled within 72 hours of arrival will be charged one night's room and tax. In the event your reservation is not canceled with the hotel, and you do not check in on the confirmed arrival date, you will be charged one night's room and tax and the remaining nights of the reservation will be canceled. A reservation may be reinstated based on availability of the hotel, at the prevailing rate. Special consideration will be given in cases of illness or death of immediate family member, supported by medical certification.

Upon check-in, each guest will be asked to review the departure date stated on the registration card. The attendee may change the departure date at that time. If an attendee wishes to change the departure date after check-in, they may be charged an early departure fee.

MEETING REGISTRATION FEE CANCELLATION POLICY

Full meeting registration fees (less \$50.00 administrative fee) will be refunded if notice is received by March 23, 2012. All meeting cancellations must be received in writing. No refund of meeting registration fee will be granted if notice is received March 24, 2012, or later.

GROUND TRANSPORTATION

AIRPORT/HOTEL TRANSPORTATION

To/From Fort Myers International Airport (RSW)

The **Hyatt Regency Coconut Point Resort & Spa** is located 13 miles/20 minutes from the Fort Myers International Airport. LP Transportation offers a shuttle service at the cost of \$20.00 one way per person. The shuttle departs the airport every half hour from 9:00 a.m. to 9:00 p.m. on major arrival days and departs the hotel every half hour from 5:00 a.m. to 5:00 p.m. on major departure days. They also provide Town Cars (3 passengers maximum) at the rate of \$48.00 one-way and SUVs (5 passengers maximum) at the cost of \$75.00 one-way. Reservations are required online or by phone at least 24 hours in advance.

Drivers and vehicles are scheduled based on guest arrival/departure information and are not available on-call at the airport. For reservations, please call 239-948-8002 or online at www.golptransport.com.

WEATHER

April is still peak season on the southwest coast of Florida. Temperatures are normally between 80 to 86 degrees during the day and can drop to 55 to 60 degrees in the evening. April is normally a dry month, but an April shower can pop up at anytime.

SUGGESTED CLOTHING

Business attire is recommended for all podium/poster presenters. Casual dress will be the appropriate attire for all Mid-America activities. Comfortable and elegant casual resort wear best describes the customary dress for all evening functions as well as the hotel restaurants. We do suggest you pack a sweater or light jacket for the cool breezy evenings.

HOTEL DINING

You are free to dine on your own on Thursday and Saturday. Epicurean delights await you at the fine restaurants at the Hyatt Regency Coconut Point Resort. Discover enticing menus filled with creative selections at each of these Hyatt Regency Coconut Point restaurants. The collection of these original restaurants and lounges offer tempting choices that are favorites of guests and locals alike.

TANGLEWOOD RESTAURANT

An award winning Four Diamond restaurant located just off the lobby. This American Grille offers guests a relaxed atmosphere and a choice of dramatic indoor and outdoor seating. Tanglewood features creative cuisine prepared with a flavorful flair.

TARPON BAY

A fun, casual restaurant serving the finest Bonita Springs seafood, artfully prepared with only the highest quality ingredients. Enjoy exceptional views of Estero Bay. Jutting out over the water, Tarpon Bay has a beach cottage vibe, where colorful lanterns keep watch over each table and a palette of soft greens and creamy beige complement the lush gardens just beyond its doors. The chef infuses the freshest seafood with innovative combinations of herbs and spices for a truly memorable meal, designed to match the fresh and lively scenery. Find a seat at the inviting bar for a drink, throw in fantastic live music on Friday and Saturday night, and you are in for a special evening.

CORKSCREW

Unwind in the tropical atmosphere of Corkscrew. They offer a full service bar and grill, featuring mouth-watering fare including burgers, salads, and wraps. Lounge by the pool with a frozen drink or cool off under the giant mist machines. No need to ponder over what to order; with a delicious and varied menu, friendly service, and fabulous tropical drinks - everything is good. Now there's no need to leave the comfort of this water playground just to satisfy your hunger.

BRAXTON'S RESTAURANT AND BAR

From the moment you arrive at this charming golf course restaurant, you are immediately taken by the eclectic interior design of this hidden gem. Old Florida stucco is blended with touches of the West Indies. Gleaming mahogany floors and woodwork in the clubhouse welcome each visitor to the spacious and comfortable lobby, brilliantly lit from the skylight above and a magnificent 25-foot palm leaf chandelier. Visitors will not want to miss the main attraction of this golf course restaurant which is the lovely outdoor terrace providing panoramic golf course views overlooking the 18th green. Whether you are coming in from the links or just meeting with friends for a casual lunch, you'll appreciate the array of tempting salads and sandwiches, freshly prepared with only the finest ingredients.

KOFE NUT

Find everything from your favorite Starbucks brew to sundries such as bug spray, beer, and complimentary DVDs at the eclectic coffee shop. Kofe Nut offers a variety of items to meet your needs throughout the day. Grab breakfast to go before heading off to the airport, treat the kids to a milkshake, or rent a cooler for a picnic lunch at the beach. Be sure to try the fresh homemade Royal Scoop ice cream. Bet you'll be back for seconds.

CAMP COCONUT

At the Hyatt Regency Coconut Point Resort, Camp Coconut is a fun and exciting program designed especially for guests ages 3-12. At Camp Coconut, your children will spend their days on exciting adventures like a shark tooth hunt, wildlife excursions to learn all about the native flora and fauna, and historical events to teach them about the native Calusa Indians who lived in this part of Florida. They will also happily splash in the pools, create arts and crafts, and much more. At Camp Coconut, adventures are led by trained counselors, so you can relax knowing your children are in good hands. Space at Camp Coconut fills up quickly; call 239-390-4341 today to book your reservation.

STILLWATER SPA

Amid the lush greenness of Southwest Florida's unspoiled natural treasures, lies the innovative 19,000 square foot Stillwater Spa, the centerpiece of the luxurious Hyatt Regency Coconut Point Resort & Spa. Here at Stillwater Spa they base your total-immersion experience on Florida's cycle of nature. Each journey has a beginning, middle, and an end; this is the foundation of what they do and is the inspiration for innovative and unforgettable treatments that will awaken your mind, align your body, and nurture your soul. Upon arrival, the dedicated personnel will escort you into private, luxurious salons where the skilled hands of a licensed specialist and the amazing scent of essential oils await you.

FITNESS CENTER

The fitness center features the latest in Life Fitness Cardio equipment complete with your own personal integrated LCD television and equipped with an iPod ready USB port. Also included are treadmills, elliptical machines, exercise cycles, weights, exercise mats, resistance bands, and balls. The staff is on hand to assist you in your exercise endeavors. Detailed maps of running and walking trails, as well as GPS watches, are also available.

WATER ACTIVITIES

Plunge into the 5,000 square foot **Adventure Pool** as you glide down the 140-foot corkscrew slide at this astounding resort. Swim in the free-form, lagoon style pool, surrounded by a spacious deck for sunning, plenty of lounge chairs, palm trees, and a covered pavilion when you are in need of shade.

Cool water cascades from a Roman-styled building at the 2,700 square foot **Waterfall Pool**. Enjoy a unique view of the pool, fountains, and generous sunning areas from the water-splashed deck behind the waterfall. Stretch your muscles in the heated **Lawn Pool**, the adult-only, 25-yard lap pool with adjacent hot tub.

Hop aboard the water taxi for an enjoyable 15-minute ride to the private beach on Big Hickory Island Beach. White soft sand and the brilliantly colored Gulf of Mexico create a quiet, restful spot with plenty of open chairs and umbrellas for those looking to relax. For those guests with more energy, the island is a great spot to hunt for shark's teeth, collect shells from the more than 400 types scattered throughout, build old-fashioned sand castles, or just walk along the beautiful shoreline.

Whether you prefer to relax on a beautiful beach or traverse the waves in a kayak, this Florida Gulf Coast resort offers water fun for everyone. Estero Bay is home to a huge variety of wildlife such as dolphins and manatees, as well as endangered species including Kemp's ridley, leatherback, green and hawksbill turtles, and loggerhead sea turtles. Imagine your child's delight (and yours) to see these amazing creatures in their natural habitats. You may even see dolphins trailing behind your boat, if you time it just right!

There are no lifeguards or snack bar at the resort's private beach (to help preserve the natural setting), so plan to stop by the resort's Kofe Nut Marketplace to pack some refreshments in one of its coolers. Towels may be obtained from the Poolside Recreation Desk.

TOURS AND ACTIVITIES

Find everything you could wish for to fill your days at this lavish hotel resort. Relax and recharge in the world-class spa, challenge yourself on the championship golf course, or enjoy a set of tennis before plunging into one of the many pools. The resort's private beach, climbing rock wall, or water activities might entice you too. There's lots of action just for kids at Camp Coconut, with days packed with fun and adventures created especially for the younger guests.

Ready to explore? You'll find plenty of attractions nearby, whether you prefer shopping, museums, excursions to the Everglades, casinos, water parks, or water activities; it's all just moments away. Consult the Concierge for reservations, tee times, and more.

AREA ATTRACTIONS

These are just a few of the many attractions and activities in the area. Check with the concierge for more information, directions, or reservations.

Estero Adventure/Dolphin Watch

The narrated half-hour tour of Estero Bay Aquatic Preserve features local history, finding and identifying birds, dolphins, turtles, manatees, and explaining the ecology of estuarine systems.

In Search of the Green Flash/Sunset Cruise

Relax on a wine and cheese sunset cruise of Estero Bay and watch for the Green Flash, a natural phenomenon that occurs when certain atmospheric conditions exist causing a green glow in the sky. Recommended for adults only.

Shelling Cruise

Relax on the beach at beautiful Lover's Key State Park or comb the white sand for a variety of Florida shells. As you cruise to the beach aboard the Nautilus vessel, enjoy a narrated eco-tour and soak up the sun. Shelling cruise departure times vary throughout the year. The trip is approximately 1½ - 2 hours.

Kayak Tours

From Pine and Palmetto Uplands to the Mangrove Wetlands, canoe/kayak tours guide you through the Estero Bay Scrub and a historical journey of the Koreshan Village. You can also experience the spirit of the ancient Calusa Indians in a 6½ hour adventure to Mound Key which includes a 4½ mile paddle throughout the shell mounds of Estero Bay.

Airboat Rides and Tours

Journey through the Everglades and its “Mystical Maze of Mangroves” on an airboat ride and enjoy a variety of birds and other creatures in their natural habitats. Half or full day excursions are available.

Naples Zoo at Caribbean Gardens

Enjoy a full day of fun activities in the zoo’s tropical setting. A paved path winds past rare animals residing in a jungle of exotic plants.

SHOPPING

There is shopping for everyone in the areas listed below.

Coconut Mall

Coconut Point Mall is the center of focus for a 500-acre, master planned community that is more than a shopping center. Coconut Point Mall has 113 stores and 25 restaurants - all surrounding several acres of lakes with a boardwalk.

Miromar Outlets

Located near Germain Arena in Estero, the Miromar Outlets feature assorted stores including Ralph Lauren, Tommy Hilfiger, Perry Ellis, DKNY, Coach Factory, Nautica, and Saks Fifth Avenue.

The Promenade

Discover an extraordinary collection of fine shops including ladies apparel, jewelry, art galleries, and boutiques. Enjoy fine or casual dining with seating available inside and out near sparkling waterfalls and ponds. The tropical ambiance of the Promenade is an inviting and memorable shopping experience.

EXCLUSIVE MAOA ACTIVITIES

Thursday, April 19, 2012

10:00 a.m. Spouse/Guest Cake Decorating Class - With the expert instructions from the Hyatt Pastry Chef, you will learn the fine art of cake decorating with hands on training.

Approximately 1½ hours

Cost: \$85.00 per person

1:30 p.m. Backwater Fishing - Boat departs Hyatt Marina and price includes: fishing licenses, bait, tackle, and beverages.

Approximately 4 hours

Cost: \$125.00 per person

2:00 p.m. Eco-Sightseeing Shelling Excursion - Depart Hyatt Marina and cruise the pristine estuary bays with playful dolphins, mysterious manatees, and an abundance of birds before stopping at Lover’s Key State Park to comb the beach for a variety of shells.

Approximately 3 hours

Cost: \$65.00 per person

CHAMPIONSHIP GOLF

Discover this most unique South Florida golf resort, Raptor Bay Golf Club, where world-class facilities exist in perfect harmony with the beauty of nature. True stewards of the land, Hyatt Regency Coconut Point Resort & Spa, in partnership with WCI Communities, Inc., sought the expertise of golf legend Raymond Floyd to design 18 holes of golf that would make history as the first course in the world to receive Audubon International's Gold Signature Sanctuary Certification. Each hole was carefully crafted to blend with the environment, leaving a beautiful course with natural surroundings. This tournament quality course features wide fairways with one height of cut throughout and five sets of tees to give players of every skill level a memorable outing. Raptor Bay Golf Club is ranked among the top 10 favorites by Gary Van Sickle, senior writer for Sports Illustrated.

MAOA GOLF TOURNAMENT – SCRAMBLE FORMAT (shotgun start)

Tournament registration can be done via the MAOA web site (www.maoa.org).

The tournament is scheduled as follows:

Friday, April 20, 2012 @ 1:30 p.m. \$125.00 per person

TENNIS

The beautiful southwest Florida climate makes it ideal all year round for an invigorating game of tennis. Spend time improving your swing or practicing your backhand, then challenge your family to a game! The hotel offers two lighted Hydro Grid courts, as well as ball and racquet rentals.

MAOA TENNIS TOURNAMENT

Tournament registration can be done via the MAOA web site (www.maoa.org).

The tournament is scheduled as follows:

Friday, April 20, 2012 @ 2:00 p.m. \$40.00 per person

SUNSET CRUISE

Saturday, April 21, 2012

6:45 p.m. Depart the Hyatt Marina and enjoy the spectacular sunset while cruising through the sparkling waters of the lush tropical inland waterways.

Cost: \$32.00 – adult

\$16.00 – child (ages 3-12)

MAOA will hold a block of reservations.

BREAKOUT SESSIONS

Each Breakout Session will be devoted to a specific area of orthopedics and will allow sufficient time for discussion. The Breakout Sessions have been scheduled for Thursday, April 19; Friday, April 20; and Saturday, April 21. The Category 1 credits earned by attending the Breakout Sessions are included in the total number awarded by our 2012 Annual Meeting.

INSTRUCTIONAL COURSES

Instructional Courses have been scheduled for Friday, April 20 and Saturday, April 21. There is no additional cost to attend these courses. Please indicate your attendance at these three instructional courses when you register online so plans can be made accordingly. Continuing medical education credit for the instructional courses is included in the 30.5 hours of Category 1 time as outlined on page 1.

MULTIMEDIA EDUCATION

A multimedia education session will be held from 1:00-3:00 p.m. on Thursday, April 19; Friday, April 20; and Saturday, April 21. A comprehensive selection of AAOS DVDs will be available for your review. These DVDs will highlight surgical procedures and current concepts in orthopedics. Because of the variety of topics that will be available, each orthopedist should find these DVDs informative and helpful in his/her practice.

RESPONSIBILITY

MAOA, its Board members, officers, employees, and agents are not responsible for any personal injury, death, property damage or other loss an attendee, or any person accompanying the attendee, incurs while participating in, attending, attempting to attend, or returning from any MAOA activity or event which arises from any act or omission by any air carrier, public transport company, car rental company, hotel, subcontractor, or other person, organization, or entity, whether providing any services or facilities related thereto. All tickets, vouchers, and invitations are issued or provided subject to the foregoing. MAOA accepts no responsibility for any reason such as losses or expenses due to delay or changes in schedules, flight cancellations or misconnections, sickness, quarantine, weather, acts of God, strikes, government actions, war, terrorism, or other circumstances beyond its control.

Questions?? Contact:

Sue McKinley or Pam Kluck
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Rochester, MN 55902-3013
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Web Site: www.maoa.org

FUTURE MEETINGS

April 18-22, 2012	Hyatt Regency Coconut Point Resort Bonita Springs, FL
April 17-21, 2013	Omni Amelia Island Plantation Amelia Island, FL
April 23-27, 2014	The Westin La Cantera Resort San Antonio, TX
April 22-26, 2015	The Westin Hilton Head Island Resort Hilton Head Island, SC

Notes

MAOA 2012 ANNUAL MEETING AT A GLANCE • Hyatt R

Wednesday, April 18	Thursday, April 19
<p>REGISTRATION Conference Foyer 6:30 a.m. - 8:00 p.m.</p> <p>SPEAKER READY ROOM Pine C 6:30 a.m. - 8:00 p.m.</p> <p>MAOA/ICJR PRE-MEETING COURSE Back to the Basics Comprehensive Knee Course: Sports, Trauma, and Reconstructive Techniques Calusa ABCD 7:00 a.m. - 2:00 p.m.</p>	<p>REGISTRATION Conference Foyer 6:00 a.m. - 1:00 p.m.</p> <p>SPEAKER READY ROOM Pine C 6:00 a.m. - 1:00 p.m.</p> <p>6:30 a.m. - 8:00 a.m.</p> <p>COMPANY-SPONSORED WORKSHOPS (No CME offered)</p> <p>EXHIBITS/POSTERS OPEN Calusa EFGH & Calusa Foyer 7:30 a.m. - 12:30 p.m.</p> <p>PLENARY SESSION Calusa ABCD 8:05 a.m. - 10:20 a.m.</p> <p>SPOUSE/GUEST HOSPITALITY Tarpon Bay Restaurant 8:00 a.m. - 10:00 a.m.</p> <p>SPOUSE/GUEST WELCOME Tarpon Bay Restaurant 9:30 a.m.</p> <p>OPTIONAL ACTIVITY FOR SPOUSES/GUESTS Cake Decorating Location TBD 10:00 a.m. - 11:30 a.m.</p> <p>FIRST BUSINESS MEETING Calusa ABCD 10:20 a.m. - 10:35 a.m.</p> <p>BREAKOUT SESSIONS 11:00 a.m. - 12:45 p.m.</p>
<p>MAOA/ICJR BIOSKILLS WORKSHOPS 2:30 p.m. - 4:30 p.m.</p> <p>BOARD OF DIRECTORS' MEETING Pine A/B 5:00 p.m.</p> <p>EXHIBIT (COMPANY REP) MEETING Calusa EFGH 6:30 p.m.</p>	<p>MULTIMEDIA EDUCATION Meeting Planner Office 1:00 p.m. - 3:00 p.m.</p> <p>OPTIONAL TOUR Backwater Fishing 1:30 p.m.</p> <p>OPTIONAL TOUR Eco-Sightseeing Shelling Excursion 2:00 p.m.</p>
<p>WELCOME RECEPTION AND BUFFET Cypress Courtyard 7:00 p.m. - 9:00 p.m.</p>	<p>EXHIBITORS' RECEPTION Calusa EFGH and Calusa Foyer 6:00 p.m. - 7:30 p.m.</p> <p>6:00 p.m. - 7:30 p.m.</p> <p>POSTER VIEWING Calusa Foyer</p> <p>DINNER AT LEISURE</p>

Hyatt Regency Coconut Point Resort • Bonita Springs, Florida

Friday, April 20	Saturday, April 21	Sunday, April 22
<p>REGISTRATION Conference Foyer 6:00 a.m. - 1:00 p.m.</p> <p>SPEAKER READY ROOM Pine C 6:00 a.m. - 1:00 p.m.</p> <p>INSTRUCTIONAL COURSES IC I - Great Egret IC II - Blue Heron 6:30 a.m. - 8:00 a.m.</p> <p>EXHIBITS/POSTERS OPEN Calusa EFGH & Calusa Foyer 7:30 a.m. - 12:30 p.m.</p> <p>PLENARY SESSION Calusa ABCD 8:00 a.m. - 10:20 a.m.</p> <p>BREAKOUT SESSIONS 11:00 a.m. - 12:45 p.m.</p>	<p>REGISTRATION Conference Foyer 6:00 a.m. - 1:00 p.m.</p> <p>SPEAKER READY ROOM Pine C 6:00 a.m. - 1:00 p.m.</p> <p>INSTRUCTIONAL COURSE III Great Egret 6:30 a.m. - 8:00 a.m.</p> <p>EXHIBITS/POSTERS OPEN Calusa EFGH & Calusa Foyer 7:30 a.m. - 12:30 p.m.</p> <p>SECOND BUSINESS MEETING Calusa ABCD 8:00 a.m. - 8:10 a.m.</p> <p>PLENARY SESSION Calusa ABCD 8:10 a.m. - 10:00 a.m.</p> <p>BREAKOUT SESSIONS 10:30 a.m. - 12:45 p.m.</p>	<p>Departures</p>
<p>MULTIMEDIA EDUCATION Meeting Planner Office 1:00 p.m. - 3:00 p.m.</p> <p>MID-AMERICA GOLF TOURNAMENT Raptor Bay Golf Course 1:30 p.m.</p> <p>MID-AMERICA TENNIS TOURNAMENT Hyatt Regency Coconut Point Tennis Courts 2:00 p.m.</p>	<p>BOARD OF DIRECTORS' MEETING Pine A/B 12:45 p.m.</p> <p>MULTIMEDIA EDUCATION Meeting Planner Office 1:00 p.m. - 3:00 p.m.</p>	
<p>STEEL LECTURE Calusa ABCD 6:30 p.m. - 7:30 p.m.</p> <p>DINNER/DANCE Royal Palm Courtyard 7:30 p.m. - 10:00 p.m.</p>	<p>OPTIONAL TOUR Sunset Cruise 6:45 p.m.</p> <p>DINNER AT LEISURE</p>	

BOARD OF DIRECTORS AND SOCIAL COMMITTEE CHAIR 2011-2012

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Mrs. Kathy Bell
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FUTURE MEETINGS



April 18-22, 2012

**Hyatt Regency Coconut Point Resort
Bonita Springs, Florida**

April 17-21, 2013

**Omni Amelia Island Plantation
Amelia Island, Florida**

April 23-27, 2014

**The Westin La Cantera Resort
San Antonio, Texas**

April 22-26, 2015

**The Westin Hilton Head Island
Hilton Head Island, South Carolina**

