Dear Colleagues,

Welcome to the 33rd Annual Meeting of the Arthroscopy Association of North America, May 1-3, 2014. It is great to be back in Hollywood, Florida and The Westin Diplomat which has served as a magnificent venue for previous AANA. An outstanding educational and social program has been carefully crafted under the guidance of Matthew T. Provencher, MD MC USN, Program Chair, and Benjamin S. Shaffer, MD, Education Chair, and the tireless work of both of their committees and the AANA staff.

We are especially excited to host Italy as our guest nation. With the collaboration of our two countries, you will find the program interlaced with numerous contributions from our Italian orthopaedic colleagues. This has been orchestrated under the guidance of Pietro Tonino, MD Chair of the AANA International Committee, and will make for an especially lively meeting; intellectually and socially stimulating on all fronts.

The academic content will reach new heights with 75 original scientific papers selected from over 350 quality submissions, reflecting the very best in leading-edge clinical and basic science research. Almost 150 ePosters have been accepted, and there will be a featured area for presentation of the ten highest rated posters. World thought leaders will offer Featured Lectures, Practical Pearls Spotlights and Clinical Case Panels. There will be 28 Instructional Course Lectures, and four of the popular Round Table Discussions. New this year, Curbside Consult Sessions will offer registrants an opportunity to present and discuss cases one-on-one with AANA leaders.

I am honored to welcome my friend Mark Calaway (aka The Undertaker) as Presidential Guest Speaker. Mark is one of the most storied and revered individuals in the history of professional wrestling. From a career spanning four decades, he may offer an insightful perspective on how the technical and technological advances upon which we focus impact those we treat. Other invited speakers represent some powerful figures. The International Guest Speaker is Italy’s Dr. Pier Paolo Mariani, recognized as one of the world’s premier ACL surgeons. The Clinical Guest Speaker, Dr. James Andrews, a recent nominee for Sports Illustrated Sportsperson of the Year, will share what it takes to be a team physician. Dr. Thay Lee, renowned biomedical engineer, will speak about clinically-relevant biomechanical studies for the shoulder and knee as the Scientific Guest Speaker.

Use the AANA app on your smart phones to keep track of all the events and plan your schedule for the 33rd Annual Meeting in Hollywood. We look forward to welcoming you to this magnificent springtime event in lovely South Florida.

With warmest regards,

J. W. Thomas Byrd, MD
AANA President
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Matthew T. Provencher, MD – Chairman
   Brian J. Cole, MD, MBA
   Louis F. McIntyre, MD
   Robert A. Pedowitz, MD, PhD
   Jonathan B. Ticker, MD
   John M. Tokish, MD

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It gives me great pleasure to welcome you to The Arthroscopy Association of North America 33rd Annual Meeting in Hollywood, Florida. As the premiere educational event for AANA, the meeting represents the very best of what this great society has to offer. From cutting-edge research that will directly impact your practice, to multiple symposia and case presentations, the meeting is designed to be a dynamic and interactive experience to provide you with meaningful education that will directly impact your practice. Our Education Chairman, Benjamin Shaffer, MD, has crafted the most extensive Instructional Course Lectures ever offered at an Annual Meeting. These ICL’s are designed to augment your educational experience by offering a deep dive into your areas of interest.

Perhaps what is most exciting about this year’s program is that our Guest Nation is Italy. For this year’s meeting, we have partnered with our Italian orthopaedic surgery colleagues to provide additional international expertise in the field of arthroscopy. The Italian surgeons who have been integrated into the program are thought leaders in their country – from ACL injuries in soccer players, to cutting-edge techniques to address shoulder instability and rotator cuff disorders – our International surgeon colleagues bring extensive clinical experience, research, and a high level of technical skill to our meeting. In addition, we have crafted some social events that welcome both you and our Italian guests and I encourage you to take advantage of these opportunities, such as the Thursday evening Welcome Reception.

I would like to thank our Annual Meeting and Program Committee who have worked extensively to put together one of the most robust scientific programs in history. With a total of 75 scientific podium presentations, this represents one of the most robust scientific meetings to date. However, we have also worked diligently to provide a diverse program with clinically pertinent information for your practice.

This year, our AANA President, Dr. Thomas Byrd has selected Mr. Mark Calaway as the Presidential Guest Speaker. Many of you will know Mr. Calaway better by his World Wrestling Entertainment (WWE) name as “The Undertaker”. His talk will be sure to please and will discuss What Keeps a Dead Man Walking.

Some of the numerous highlights of the 2014 Program include: Our Featured Clinical Guest Speaker will be Dr. James Andrews who will speak on “Challenges Learned as a Team Physician” and will certainly serve to educate all of us on what it means to care for a team, a player, or an athlete.

Another featured presentation will be our International Guest Speaker, this year from Italy – Pier Paolo Mariani who has extensive expertise in the care of ligamentous injuries to the knee in a talk entitled, “The ACL – From Injury to Return to Play – What I’ve Learned”.

One of the highlights from a scientific standpoint will be a talk from one of the most highly acclaimed biomechanics researcher – Thay Lee, PhD, who will help us all understand a little better what are the best biomechanics studies we need to know in his talk, “The Top 5 Knee and Top 5 Shoulder Biomechanics Studies You Need to Know that Directly Translate to Your Practice.”

There are 10 clinical case panels that are designed to have direct impact on your practice from thought leaders in the field. Some highlights include an International panel led by Brian Cole, MD, MBA on cartilage disorders of the knee, a patellofemoral joint symposium led by John Fulkerson, MD, a diverse group of international surgeons that will share their perspective on SLAP Tears led by Richard Ryu, MD, a 2014 update for Hip Arthroscopy – labrum and bone management panel led by Marc Philippon, MD, and cam/pincer lesions led by Bryan Kelly, MD, as well as elbow injury panel led by Buddy Savoie, MD, a panel to discuss optimal ACL reconstructions from “both sides of the pond” led by Mark Miller, MD, a foot and ankle panel that will investigate current instability and chondral treatment options, Anthony Romeo, MD who will lead a panel on what to do in 2014 for shoulder instability, JT Tokish, MD who will lead a comprehensive panel on the care of elite athletes – from prehabilitation to surgery and beyond, and finally Russ Warren, MD, who will share with us his lessons learned as an arthroscopist.

There are numerous other featured lectures that are designed to complement your practice and also keep us abreast of what is on the horizon in terms of healthcare:

• JP Warner, MD, will provide his valuable insight into what you need to know about Value Driven Care – a 2014 update and will share his group’s extensive research about the future of health care reimbursements.

• Louis McIntyre, MD, who will discuss the current status on healthcare delivery of the business of arthroscopy.

Again, welcome to the 2014 AANA Annual Meeting. It is my hope that each of you will experience a rewarding and enjoyable time in Florida. The 2014 AANA Annual Meeting was designed with you in mind and we truly hope that you have a wonderful educational experience in Hollywood. This meeting was designed with your feedback to provide you with meaningful educational offerings that will have notable impact for your patients and your practice of arthroscopy.

See you in Florida!

Best Regards,

Matthew T. Provencher, MD CDR MC USNR
2014 AANA Annual Meeting Program Chairman
Curbside Consult:
Ask the (Hip, Knee, Shoulder) Expert
Friday, May 2
9:00 AM – 12:00 PM | 1:00 PM – 5:00 PM
Non-CME

Description
We all encounter challenging cases in our clinical practice. Wouldn’t it be great if there were a place you could bring that challenging or difficult case, and have an opportunity to sit down with an arthroscopic expert colleague and get first hand input and recommendations? That’s what our new “Curbside Consult: Ask the Expert” is intended to provide, a one-on-one 20 minute session with one of AANA’s experienced and expert arthroscopists, to be utilized in any way you want. Knee, Shoulder and Hip Curbside.

Learning Objectives:
Upon completion of this session, the participant will be able to:
1. Determine and comprehend the nature of the orthopaedic case presented, along with strategies to best address the clinical problem.
2. Identify the ideal indications, contraindications, and decision-making processes in managing shoulder, hip or knee problems.
3. Discuss the alternative treatment methods to optimize patient care, particularly in complex or challenging clinical case management.

Participant Information:
To make the most of your appointment, be sure to bring in any relevant digital images or video files. If possible, bringing them on a smart-phone, tablet, or even PC, will ensure the files will be viewable. Alternatively you may bring a PC-formatted jump drive. Please plan to arrive a few minutes in advance of your appointment so that you make the most of your twenty minute session. You are welcome to discuss with the expert any orthopaedic/arthroscopic challenging cases or topics that you may have or have had, or technical or troubleshooting issues.

You will be confirmed you are in the session, but your specific appointment time and Expert will be confirmed by April 1, 2014. You must register in advance for this session.
As an accredited CME provider, AANA educational programs have an important responsibility in assisting member physicians in maintenance of certification (MOC). In 2004 the Accreditation Council for Continuing Medical Education (ACCME) issued the updated Standards for Commercial Support of CME and in 2006 released the Updated Accreditation Criteria. As a result over the past several years, physicians involved in the planning and implementation of accredited CME programs have expressed frustration regarding “all the ACCME rules” in order to be in compliance.

The Education Overview Committee has recently developed an informational presentation for all committee members that are involved in the development of AANA educational programs and anyone interested in becoming a committee member or speaker. The purpose of this information session is to clarify the intent of the “ACCME rules” and explain further why accredited CME programs need to be based on the principles of adult learning and be independent of industry influence in order to meet the new ACCME requirements. Lunch will be provided.
Statement of Need
The 2014 AANA Annual Meeting is designed to enhance knowledge of diagnosis and treatment alternatives relevant to the entire array of arthroscopic practice. The program focuses upon surgical methods and technical pearls, which translates into improved operative performance and better patient outcomes.

Target Audience
The primary target audience of the Arthroscopy Association of North America’s Annual Meeting is members and non-members who desire to improve their arthroscopic knowledge and skill.

Global Learning Objectives
This comprehensive educational meeting provides learners with opportunities to:
1. Examine and apply basic scientific information and technical skills in arthroscopic surgery.
3. Evaluate the current evidence base for diagnosis and clinical management of joint disorders.
4. Review their current practice management expertise and develop a plan to increase their expertise.
5. Develop new clinical and technical skills to improve the everyday practice of arthroscopic surgery.

NOTE: Each session has its own specific learning objectives which are included within the Program Book listing.

CME Mission Statement
The CME mission of AANA is to provide bias free peer reviewed continuing medical education to its members and any other qualified individuals who practice endoscopic and minimally invasive surgery on the musculoskeletal system. AANA encourages and supports research efforts in arthroscopic surgery. AANA represents the membership and the community in a continuous effort to provide quality and cost-effective health care.

Faculty Disclosure of Relevant Financial Relationship(s)
In accordance with ACCME’s Standards for Commercial Support of CME, it is the policy of AANA that all planners and faculty participating in a CME-certified activity are required to disclose to AANA and participants relevant financial relationships that they or their spouse/life partner have with any commercial interest(s). Relevant financial relationships include financial relationships in any amount occurring within the past 12 months that create a “conflict of interest.” Such relationships would typically be with companies that sell health care products or services that are consumed by or used in the treatment of patients. The intent of this disclosure is not to prevent participation in CME-certified activities by individuals with relevant financial relationships with commercial interests but instead to provide participants with information by which they can make their own determination whether or not said relationship(s) influenced the content of the educational activity.

Session Directors and faculty disclosure information is provided in the Onsite Program Book. Faculty have also been asked to provide verbal disclosure at the start of their presentations supplemented by a disclosure slide in order to ensure their disclosure information is shared with the participants prior to the presentation taking place.

Resolution of Conflicts of Interest
In accordance with the ACCME Standards for Commercial Support of CME, AANA has developed mechanisms prior to the planning and implementation of the CME activity, to identify and mitigate conflicts of interest for all individuals in a position to control the content of the CME activity.

Unapproved Use Disclosure
AANA requires all CME faculty to disclose to learners when products and procedures are being discussed that are off-label (not approved for the indications being discussed), unlabeled (not approved for any indications), experimental, and/or investigational (not FDA approved); and any limitations on the information that is presented, such as data that are preliminary or that represent ongoing research and/or unsupported opinion. This information is intended solely for CME and is not to promote off-label use of these products/procedures.
Independence in CME

It is the mission of AANA as a provider accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide independent, fair, balanced, bias free, peer reviewed continuing medical education to its members and any other qualified individuals to improve patient care and health care outcomes.

AANA implements strategies to ensure these standards are met. The Program and Education Committee members provide disclosure information prior to planning the educational program and recuse themselves if a conflict is present in relation to the subject matter presented. When developing the program, the committee members review abstracts and conflict of interest disclosure forms, needs assessment/gaps/evaluation data, and past speaker/session scores. Potential speakers are sent guidelines to ensure independence in the development of content and the Compliance Committee reviews the content and disclosures and resolves any conflicts prior to presentation.

Content Validation

AANA educational activities are developed to promote improvements in health care delivery and not to promote a specific proprietary interest or commercial interest. Presentations should reflect the latest in scientific methods generally accepted by the medical community at-large, evidence-based and discuss the validity of the evidence upon which they base the opinion(s). This ensures the audience that the recommendations are supported by the evidence and contributes to the management of any potential conflicts of interest. If the presentation contains discussion of unlabeled use of a commercial product, this must also be disclosed to the participants. Use of generic names should also be used where possible to contribute to the impartiality. If trade names are included several names from different companies should also be used.

Evaluation and Outcomes Measurement

AANA employs several methods of evaluation to assess the educational program effectiveness. Evaluations are provided to session directors, speakers, attendees and Speaker Managers to assess the educational content, delivery and speaker performance and Conflict of Interest disclosure management. Post course analyses is also conducted three months after the program to determine if changes in behavior as a result of the learning activity have been implemented and maintained.

Evaluations are reviewed by the Needs Assessment & Outcomes Committee in addition to Speaker Manager evaluations to determine the effectiveness of the Conflict of Interest Policy. Any speakers identified as violating the policy may not be invited to participate in future educational programs.

Disclaimer

The methods, techniques, and procedures demonstrated and views and opinions expressed by speakers, presenters and faculty are their own and do not necessarily represent those of the Arthroscopy Association of North America (AANA), nor does presentation on the program represent or constitute endorsement or promotion by AANA.

AANA expressly disclaims any warranties or guaranties, expressed or implied, and shall not be liable for damages of any kind in connection with the material, methods, information, techniques, opinions or procedures expressed, presented or demonstrated.

Accreditation

The Arthroscopy Association of North America is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

AMA PRA Category 1 Credit™ Designation

The Arthroscopy Association of North America designates this live educational activity for a maximum of 25.75 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.
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<td><strong>WED, APRIL 30</strong></td>
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GONG! That is the sound of The Undertaker entering the wrestling arena. A rippling silence accompanies his every step toward the ring. A chill grips the heart of his pro wrestling opponent. The announcer’s voice breaks almost imperceptibly and the spectators, standing as one, feel the shiver that passes from row to row as he passes. The Dead Man from Dead Valley has arrived.

Mark Calaway began his wrestling career with World Class Championship Wrestling and later joined World Championship Wrestling as “Mean” Mark Callous in 1989. Mark moved to the World Wrestling Federation a year later and soon became a legend as The Undertaker. He is the only remaining active competitor from the very first episode of World Wrestling Entertainment’s WWE Raw in 1993. Over two decades later, Mark remains a force to be reckoned with. With 21 wins, he is the lone undefeated champion of WrestleMania, WWE’s premier pay-per-view event. He is an 8-time World Champion and a seven-time Tag Team champion, six-time World Tag Team Champion, and 1-time WCW World Tag Team Champion.

Outside of the ring and out of make-up, Mark Calaway is still an imposing figure. He is a family man and devoted father and has varied interests including boxing, mixed martial arts, real estate development and philanthropy with the Make a Wish Foundation and America's Mighty Warriors.
Pier Paolo Mariani, MD, PhD, was born in Rome, Italy on the 20th of March 1946. He graduated from the University of Rome where he got his surgical and orthopaedic training. In 1987, at the same University he was appointed professor of Traumatology. In 2000, he was nominated Full Professor of Sports Traumatology at the University of Rome – Foro Italico. In 2000, he received the Honoris Causa Degree in Medicine at University of Pleven (Bulgaria). In 2008, he received the Honoris Causa Degree in Medicine at University of Isparta (Turkey). From 2013 he has been appointed Deputy Director at the University of Rome – Foro Italico.

Dr. Mariani has been member of Editorial Board of several international and national medical journals. Dr. Mariani was one of the founding members of ESSKA, of the Italian Society of Arthroscopy, of the Italian Society of Sports Traumatology. From 1988 to 2000, he was appointed Chairman of the Educational Committee of ESSKA.

He is the Orthopaedic Consultant of most soccer teams of his country and of other countries such as Russia, Poland, Emirates, and Ukraine.

Dr. Mariani published the first Italian book of knee arthroscopic surgery and he has been Editor of several books focused on arthroscopic surgery and ligaments reconstruction. He published 71 articles in peer reviewed journal and 26 chapters in Italian and International books covering mainly knee surgery and arthroscopy of knee and other joints. Additionally, he has delivered several presentations at national and international conferences.
Clinical Guest Speaker
James R. Andrews, MD
Thursday, May 1st
10:55 AM – 11:25 AM

Doctor James R. Andrews is one of the founding members of Andrews Sports Medicine and Orthopaedic Center in Birmingham, Alabama. He is also founder of the American Sports Medicine Institute (ASMI) a non-profit institute dedicated to injury prevention, education and research in orthopaedic and sports medicine. This foundation is recognized as one of the world's leaders in this field. Doctor Andrews continues to serve as Chairman and Medical Director of ASMI. He has mentored more than 275 orthopaedic/sports medicine Fellows and more than 55 primary care sports medicine Fellows who have trained under him through the ASMI Sports Medicine Fellowship Program. Doctor Andrews is also a founding partner and the Medical Director of the Andrews Institute and the Andrews Research and Education Institute also dedicated to prevention, education and research which is located in Gulf Breeze, Florida.

Doctor Andrews is internationally known and recognized for his skills as an orthopaedic surgeon as well as his scientific and clinic research contributions in knee, shoulder and elbow injury prevention and treatment. In addition, he has made major presentations around the world and has authored numerous scientific articles and books. He has recently written a book, Any Given Monday, about sports injuries and how to prevent them for athletes, parents and coaches. The book is based on his life in sports medicine and was released in January 2013 by Simon & Schuster.

Doctor Andrews graduated from Louisiana State University (LSU) in 1963, where he was Southeastern Conference indoor and outdoor pole vault champion. He completed LSU School of Medicine in 1967 and completed his orthopaedic residency at Tulane Medical School in 1972. He had surgical fellowships in sports medicine at the University of Virginia School of Medicine in 1972 with Doctor Frank McCue, III and at the University of Lyon, Lyon, France in 1972 with the late professor Albert Trillat, MD, who is known as the Father of European Knee Surgery.

Doctor Andrews is a member of the American Board of Orthopaedic Surgery and the American Academy of Orthopaedic Surgeons. He is the past President of the American Orthopaedic Society for Sports Medicine and also served on that board as its Treasurer and its Secretary. He has served on the Board of Directors of the Arthroscopy Association of North America as well as the International Knee Society. He is Clinical Professor of Orthopaedic Surgery at the University of Alabama Birmingham Medical School, the University of Virginia School of Medicine, University of South Carolina Medical School and Adjunct Professor in the Department of Orthopaedic Surgery at the University of South Alabama, Clinical Professor of Orthopaedics, Department of Orthopaedics, Tulane University School of Medicine. He has been awarded a Doctor of Laws Degree from Livingston University, Doctor of Science Degree from Troy University and a Doctor of Science Degree from Louisiana State University.

At present, Doctor Andrews serves as Medical Director for Auburn University Intercollegiate Athletics and Team Orthopaedic Surgeon; Senior Orthopaedic Consultant at the University of Alabama; and Orthopaedic Consultant for the athletic teams of Troy University, University of West Alabama, Tuskegee University and Samford University. Doctor Andrews serves on the Medical and Safety Advisory Committee of USA Baseball and on the Board of Little League Baseball, Inc.
In the professional sports arena, Doctor Andrews is Senior Consultant for the Washington Redskins Professional Football team; Medical Director for the Tampa Bay Rays Professional Baseball team; and team physician for the Birmingham Double A Professional baseball Team, an affiliate of the Chicago White Sox. Doctor Andrews is the Medical Director of the Ladies Professional Golf Association.

Previously, Doctor Andrews has been a member of the Sports Medicine Committee of the United States Olympic Committee having served during two previous quadrennial. He has also served on the NCAA Competitive Safeguards in Medical Aspects of Sports Committee.

Doctor Andrews serves as the National Medical Director for Physiotherapy Associates, a national outpatient rehabilitation provider. He serves on the Board of Directors of Fast Health Corporation and Robins Morton Construction Company. He has served as a member of Troy University’s Board of Trustees.

Doctor Andrews was inducted into the Alabama Sports Hall of Fame and was named recipient of their Distinguished Sportsman Award in 1992. In 1996, Doctor Andrews was inducted into the LSU Alumni Hall of Distinction. He was featured as one of the LSU’s 2007 Southeastern Conference Stories of Character. In 2008, Doctor Andrews received the LSU Cox Communication Academic Center for Student-Athletes Distinguished Alumnus of the Year Award and was inducted into the State of Louisiana Sports Hall of Fame and was named recipient of the prestigious Dave Dixon Louisiana Sports Leadership Award. Doctor Andrews is a 2009 recipient of the “Live the Dream” award presented by the Birmingham Regional Chamber of Commerce. Doctor Andrews was presented the 2009 Distinguished American Award by the Auburn Chapter of the National Football Foundation and College Hall of Fame. Doctor Andrews was the 2010 recipient of The Excellence in Sports Medicine Award presented by the Orthopaedic Foundation for Active Lifestyles. Doctor Andrews received the 2010 SEC Team Physician of the Year Award.

A native of Homer, Louisiana, Doctor Andrews has called Birmingham home since 1986. He and his wife Jenelle have six children, Andy, Amy, Archie, Ashley, Amber, Abby and six grandchildren.

Yacht racing is one of Doctor Andrews’ keen interests. His 50-foot racing sloop Abracadabra III, won the 1990 International 50-foot Yacht Association World Cup and was named the best off-shore racing sloop in the last 100 years by Sail Magazine. He has also won many other yacht racing offshore regattas. Doctor Andrews served as President and Chairman of the Board of Aloha Racing Foundation, an American Cup Syndicate based in Honolulu, Hawaii, which challenged for the 2000 America's Cup contested in Auckland, New Zealand. His other hobbies include golf and hunting.
Scientific Guest Speaker
Thay Q. Lee, PhD
Thursday, May 1st
4:00 PM – 4:15 PM

Dr. Lee received his undergraduate degree in Bioengineering and his Master of Science degree in Applied Mechanics from the University of California, San Diego. He completed his doctorate degree in Biomaterials at Gothenburg University in Sweden.

Dr. Lee has dedicated 30 years as a Biomedical Engineer to the United States Department of Veterans Affairs. He is the Director of the Orthopaedic Biomechanics Laboratory at the VA Long Beach Healthcare System in California. He was appointed Research Career Scientist in 2000 from the VA Rehabilitation Research and Development, and in 2010, he was promoted to Senior Research Career Scientist, the highest honor it bestows on a scientist.

During his career, he has made significant contributions in the field of orthopedic surgery and bioengineering. His main research area is in joint biomechanics. The main focus of his research is biomechanics of the shoulder and knee.

Dr. Lee has established one of the most productive and innovative orthopaedic biomechanics laboratories in the world, where he teaches and mentors residents, medical students and fellows. He also serves as Professor in Residence and Vice Chairman for Research at the Department of Orthopaedic Surgery at the University of California, Irvine.

Dr. Lee serves as a grant reviewer for many organizations and reviews for high quality journals in his field of expertise. He was elected “Fellow” for the American Society of Mechanical Engineers (ASME), which is the highest distinction that is awarded by the society. He was also elected as a “Fellow” in the American Institute for Medical and Biological Engineering (AIMBE), which recognizes individuals that have made significant contributions to the field of Biomedical Engineering.

He is a member of the Orthopaedic Research Society and the American Orthopaedic Society for Sports Medicine. He has published over 180 full-length manuscripts, 360 abstracts, and several book chapters. He gives invited lectures both nationally and internationally on shoulder and knee biomechanics.

Dr. Lee is a Reserve Deputy Sheriff for the Orange County Sheriff’s Department. He is an internationally traveled surfer and loves to hunt. When he’s not lecturing, surfing or hunting, his favorite stress reducers are playing basketball and tennis or playing with his two-year-old daughter.
WEDNESDAY, APRIL 30, 2014
3:00 pm – 6:30 pm Registration
The Westin Diplomat Resort & Spa

THURSDAY, MAY 1, 2014
7:00 am – 6:15 pm Registration
The Westin Diplomat Resort & Spa
7:00 am – 3:30 pm Exhibits
Great Hall, Salons 4-6
7:00 am – 8:00 am Continental Breakfast
Great Hall Salons 4-6
8:00 am – 8:10 am Welcome and Introduction
J.W. Thomas Byrd, MD – President
Matthew T. Provencher, MD, MC, USN – Program Chairman
8:10 am – 8:20 am Opening Ceremony
Introduction of International Society Presidents
International Presidents assemble at the entrance of the General Session Room
8:20 am – 8:30 am Societe Italiana Arthroscopia (SIA) Presentation: Arthroscopy in Italy – Then and Now
Raul Zini, MD – Past President of SIA
8:30 am – 9:05 am Scientific Session I: Knee Ligament
Moderators: John C. Richmond, MD & Steven E. Rokito, MD
8:30 am Surgical Treatment of Knee Dislocations: 5 to 22 Year Results SS-01
Gregory C. Fanelli, MD, Craig Edson, MS, PT, ATC
8:35 am Physeal-Sensitive MRI Analysis Shows that an All-inside, Anterior Cruciate Ligament Reconstruction in Skeletally Immature Athletes is Safe to the Physis SS-02
Danyal Nawabi, MD, Kristofer Jones, MD, Moira McCarthy, MD, Hollis Potter, MD, Daniel Green, MD, Frank Cordasco, MD
8:40 am Posterior Cruciate Ligament Reconstructions: Postoperative Disability in an Active Patient Population SS-03
Christopher Tucker, MD, Kenneth Cameron, PhD, MPH, Brian Waterman, MD, Kelly Kilcoyne, MD, Brett Owens, MD
8:45 am Strength of Arthroscopic Meniscal Root Repair Constructs SS-04
Adam Anz, MD, Eric Branch, BS, MS, Justin Saliman, MD
8:50 am Opening-Wedge High Tibial Osteotomy: Results of 102 Consecutive Cases SS-05
Steven Giuseffi, MD, Walter R. Shelton, MD
8:55 am Discussion
9:00 am Floor Questions and Answers
9:05 am Introduction of International Guest Speaker
Pietro M. Tonino, MD
9:05 am – 9:25 am Feature Lecture #1 (International Guest Speaker): From Injury to Return to Play – What I’ve Learned
Pier Paolo Mariani, MD
9:25 am – 10:05 am Scientific Session II: Shoulder Instability
Moderators: Richard KN Ryu, MD & John M. Tokish, MD
9:25 am   Arthroscopic Bankart Repair: Minimum 10 Year Follow-up with Emphasis on Survivorship SS-06
Stephen C. Weber, MD

9:30 am   Critical Bone Loss in Shoulder Instability Reconsidered: Subcritical Bone Loss Correlates to Worse Outcome in Arthroscopic Bankart Repair SS-07
James Shaha, MD, Jay Cook, MD, Daniel Song, MD, Douglas Rowles, MD, Craig Bottoni, MD, Steven Shaha, PhD, DBA, John M. Tokish, MD

9:35 am   Glenoid Bone Loss in Posterior Shoulder Instability: Prevalence, Quantity, and Implications in Arthroscopic Treatment. SS-08
Adam Hines, MD, James Shaha, MD, John M. Tokish, MD, Jay Cook, MD, Kevin Krul, MD

9:40 am   A Prospective Outcome Evaluation of Humeral Avulsions of the Glenohumeral ligament (HAGL) Tears in an Active Population SS-09
Matthew T. Provencher, MD, Frank McCormick, MD, Tistia Gaston, PA, Lance LeClere, MD, Daniel Solomon, MD, Christopher Dewing, MD

9:45 am   The Instability Severity Index Score in Arthroscopic Instability Surgery (ISIS): Failure to Validate Its Predictive Value in Arthroscopic Instability Surgery SS-10
Stephen C. Weber, MD, Carol Parise, PhD

9:50 am   Results of Revision Anterior Stabilization Surgery in Adolescent Athletes SS-11
Andrew Blackman, MD, Aaron Krych, MD, Scott Kuzma, MD, Roxanne Chow, MD, Diane Dahm, MD

9:55 am   Discussion

10:00 am   Floor Questions and Answers

10:05 am – 10:30 am Coffee Questions and Answers

10:30 am – 10:55 am Clinical Case Panel #1: Anterior Shoulder Instability in a 20 Year Old Male:
What to do in 2014? An International Treatment
Moderator: Anthony A. Romeo, MD
Panel: Stephen S. Burkhart, MD, Giovanni DiGiacomo, MD, Giuseppe Porcellini, MD, Matthew T. Provencher, MD

10:55 am   Introduction of Clinical Guest Speaker
J.W. Thomas Byrd, MD

11:00 am – 11:25 am Challenges Learned as a Team Physician
James R. Andrews, MD

11:25 am   Practical Pearls Spotlight #1:
USA Perspective: Arthroscopic State of the Art for Anterior Shoulder Instability
Jeffrey S. Abrams, MD

11:35 am   Practical Pearls Spotlight #2: Italy Perspective: Open Latarjet Shoulder Stabilization Tried and True
Giovanni Di Giacomo, MD

11:45 am – 12:20 pm Scientific Session III: Knee Ligament #2 and Meniscus? Cartilage?
Moderators: Marc R. Labbe, MD & Brian Wolf, MD

11:45 am   In-Vitro Anatomic Double-Bundle and Single-Bundle Anterior Cruciate Ligament Reconstructions Demonstrate Equivalent Laxity after Time Zero Cyclic Loading SS-12
Stephen Klinge, MD, Philip McClure, MD, Bryan Vopat, MD, David Paller, MS, Sarath Koruprolu, BS, Braden Fleming, PhD, Michael Hulstyn, MD, Paul Fadale, MD
11:50 am  Anterior Cruciate Ligament Injuries in a Pediatric Population:  
Delay to Reconstruction and Concomitant Pathology SS-13  
Justin Newman, MD, Patrick Carry, BA, Elizabeth Terhune, BA, Austin Heare, MD,  
Murray Spruiell, MD, Meredith Mayo, MD, Armando Vidal, MD

11:55 am  Success of High Tibial Osteotomy in the United States Military SS-14  
Jeffrey Hoffmann, MD, Brian Waterman, MD, Mark Pallis, DO, Philip Belmont, MD,  
Estephan Garcia, MD, Matthew Laughlin, DO

12:00 pm  Patient-Centered Outcomes 10 Years Following ACL Reconstruction SS-15  
Karen Briggs, MPH MBA, Rachel Abrams, MD, J. Richard Steadman, MD

12:05 pm  Allograft ACL Reconstruction in Patients Under 25 Years of Age SS-16  
Thomas R. Carter, MD, Michael Rabago, PA

12:10 pm  Floor Questions and Answers

12:15 pm  Discussion

12:20 pm - 1:10 pm  First Business Meeting – Active Members Only  
Box Lunch Included

1:15 pm - 2:45 pm  Instructional Course Lectures (101-108)  
See page 26 for course description

2:45 pm - 3:10 pm  Coffee Break  
Great Hall, Salons 4-6

3:10 pm - 4:00 pm  Scientific Session IV: The Biceps, AC Joint and Other Shoulder Disorders  
Moderators: Marc R. Labbe, MD & Nikhil N. Verma, MD

3:10 pm  Continuous Loop Double Endobutton Reconstruction for AC Joint Dislocation SS-17  
Steven Struhl, MD, Theodore Wolfson, MD

3:15 pm  Treatment for Failed Type II SLAP Repairs:  
A Prospective Outcome Analysis at Minimum Two-year Follow-up SS-18  
Matthew T. Provencher, MD, Frank McCormick, MD, Benedict Nwachukwu, BA,  
Daniel Solomon, MD, Christopher Dewing, MD, Shawn Anthony, MD, Daniel Gross, MD,  
Petar Golijanin, BS

3:20 pm  Arthroscopic Subdeltoid Transfer of the Long Head of the Biceps Tendon:  
Two to Ten Year Functional Outcomes and Clinical Results SS-19  
Samuel Taylor, MD, Peter Fabricant, MD, MPH, Nikolas Baret, BA, Ashley Newman, BS,  
Nicole Sliva, BA, Stephen O’Brien, MD, MBA

3:25 pm  Glenohumeral Osteoarthritis in Young Patients:  
When is Arthroscopic Management Indicated? A Markov Decision Analysis SS-20  
Ulrich Spleigl, MD, Scott Faucett, MD, Marilee Horan, MPH, Peter Millett, MD MSc

3:30 pm  Arthroscopic Examination May Underestimate Shoulder Long Head of the Biceps  
Tendon Pathology SS-21  
Brian Gilmer, MD, Ariana DeMers, DO, John Reid III, MD, James H. Lubowitz, MD,  
Dan Guttmann, MD

3:35 pm  Results of Biceps Tenodesis for the Treatment of Type II and IV SLAP Lesions SS-22  
Timothy Ghattas, BS, MD, Spero Karas, MD, Rachel Burdette, ATC, OTC

3:40 pm  Perioperative Changes in Driving Performance Following Arthroscopic Rotator Cuff  
Repair or Glenoid Labrum Repair Compared to Sling Immobilization SS-23  
Laith Jazrawi, MD, Saqib Hasan, M.D., Mathew Hamula, BA, BS, BA, Garret Garofolo, BS,  
Alan McGee, MD, Dylan Lowe, BA, Joseph Zuckerman, MD

ARThROSCOPY ASSOCIATION OF NORTH AMERICA  
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<tr>
<th>Time</th>
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<tr>
<td>3:45 pm</td>
<td>Outcomes After Arthroscopic Scapulothoracic Bursectomy and Partial Superomedial Angle Scapulectomy SS-24</td>
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<td>Robert Tashjian, MD, Erin Granger, MPH, Jacob Barney, BS, Devere Partridge, MS</td>
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<td>3:50 pm</td>
<td>Discussion</td>
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<td>3:55 pm</td>
<td>Floor Questions and Answers</td>
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<td>4:00 pm</td>
<td>Introduction of Scientific Guest Speaker</td>
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<td>Matthew T. Provenc, MD, MC, USN</td>
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<td>4:05 pm - 4:15 pm</td>
<td>Scientific Guest Speaker: The Top 10 Shoulder Biomechanics Studies You Need to Know That Translate Directly into Your Practice</td>
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<td>Thay Q. Lee, PhD</td>
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<td>4:15 pm - 4:25 pm</td>
<td>Practical Pearls Spotlight #3: Biceps Tenodesis: 5 Pearls to Make Reproducible</td>
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<td>Peter J. Millett, MD</td>
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<td>4:25 pm - 4:35 pm</td>
<td>Practical Pearls Spotlight #4: Posterolateral Corner State of the Art 2013</td>
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<td>Robert F. LaPrade, MD</td>
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<td>4:35 pm - 4:40 pm</td>
<td>J. Whit Ewing Resident/Fellow Essay Award (Clinical)</td>
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<td>4:40 pm - 5:10 pm</td>
<td>Clinical Case Panel #2: Microfracture for Chondral Injuries of the Knee: An Easy Out or a Cell-Based Real Solution</td>
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<td>Moderator: Brian J. Cole, MD, MBA</td>
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<td>Panel: Jack M. Bert, MD, Alberto Gobbi, MD, Elisavitta Kon, MD, Nicholas A. Sgaglione, MD</td>
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<td>5:10 pm - 5:40 pm</td>
<td>Spotlight Symposium: Patellofemoral Pain and Instability – State of the Art in 2014</td>
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<td>Moderator: John P. Fulkerson, MD</td>
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<td>Panel: Jack M. Bert, MD, Jack Farr, II, MD, Jason L. Koh, MD</td>
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<td>5:40 pm - 6:10 pm</td>
<td>Scientific Session V: Knee Patellofemoral</td>
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<td>Moderator: Donald C. Fithian, MD</td>
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<td>5:40 pm</td>
<td>Correlation Between Changes in TTTG Distance and Patellar Position During Active Knee Extension on Dynamic Kinematic CT Imaging SS-25</td>
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<td>Miho Tanaka, MD, Ariel Williams, MD, John Elias, PhD, John Carrino, MD, Andrew Cosgarea, MD</td>
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<td>5:45 pm</td>
<td>Combined MPFL Reconstruction and Tibial Tubercle Transfer for Patellofemoral Instability SS-26</td>
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<td>Chris Hadley, BA, Brandon Eck, B.S, Fotios Tjoumakaris, MD, Matthew Pepe, MD, Luke Austin, BS, MD, Robert Frederick, MD, Bradford Tucker, MD</td>
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<td>5:50 pm</td>
<td>Biomechanical Analysis of Current Medial Patellofemoral Ligament Reconstruction Techniques using Human Gracilis Allograft SS-27</td>
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<td>Patrick Joyner, MD, Travis Roth, MSIV, Scott Winnier, PhD, Luke Wilcox, DO, Ryan Hess, MD, Jeremy Bruce, MD, Tim Frerichs, MD, Aaron Mates, MD, Charles Roth, MD</td>
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<td>5:55 pm</td>
<td>Tibial Tuberosity-Trocchlear Groove Distance and Patellar Tracking in Symptomatic and Asymptomatic Knees in Patients with Unilateral Patellofemoral Instability SS-28</td>
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<td>Ariel Williams, MD, John Elias, PhD, Miho Tanaka, MD, Shadpour Demehri, MD, Gaurav Thawait, MD, John Carrino, MD, MPH, Andrew Cosgarea, MD</td>
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<td>6:00 pm</td>
<td>Floor Questions and Answers</td>
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<td>6:30 pm – 8:00 pm</td>
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<td>The Westin Diplomat Resort &amp; Spa – Great Hall, Salons 4-6</td>
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FRIDAY, MAY 2, 2014

7:00 am - 3:30 pm  Registration
The Westin Diplomat Resort & Spa

7:00 am - 1:00 pm  Exhibits
Great Hall, Salons 4-6

7:00 am - 7:45 am  Continental Breakfast and Exhibits
Great Hall, Salons 4-6

7:45 am - 9:15 am  Instructional Course Lectures (201-208)
See page 26 for course description

9:15 am - 9:45 am  Coffee Break and Visit the Exhibits
Great Hall, Salons 4-6

9:45 am - 10:20 am  Scientific Session VI: Rotator Cuff
Moderators: Jonathan B. Ticker, MD & Ilya Voloshin, MD

9:45 am  Long-Term Outcomes of Arthroscopic Revision Rotator Cuff Repair: Clinical Outcomes of Single-Row Arthroscopic Revision Rotator Cuff Repair SS-29
Wesley Nottage, MD, Jason Jancosko, DO, MPT

9:50 am  Influence of Preoperative Musculotendinous Junction (MTJ) Position on Rotator Cuff Healing SS-30
Robert Tashjian, MD, Man Hung, PhD, Robert T. Burks, MD, Patrick Greis, MD

9:55 am  Sleep Disturbance Associated with Rotator Cuff Tear: Correction with Arthroscopic Rotator Cuff Repair SS-31
Luke Austin, BS, MD, Fotios Tjoumakaris, MD, Bradford Tucker, MD, Alvin Ong, BA, MD, Brandon Eck, B.S, Matthew Pepe, MD

10:00 am  Is Transosseous-Equivalent Rotator Cuff Repair “Self-Reinforcing” Compared to Single-Row Repair? SS-31A
Maxwell Park, MD, Robert C. Gunzenhauser, BA, Michael K. Benefiel, BA,
Michelle H. McGarry, MS, Chong J. Park, PhD, Thay Q. Lee, PhD

10:05 am  Functional and Ultrasonography Imaging Outcomes of Arthroscopic Simultaneous Rotator Cuff and Bankart Repair after Shoulder Dislocation SS-31B
Edward Shields, MD, Mark Mirabelli, MD, Simon Amsdell, MD, Robert Thorsness, MD,
John Goldblatt, MD, Michael Maloney, MD, Ilya Voloshin, MD

10:10 am  Discussion

10:15 am  Floor Questions and Answers

10:20 am - 10:45 pm  Clinical Case Panel #3: SLAP Lesions: Fix it, Ignore it, or Do Something Else
Moderator: Richard KN Ryu, MD
Panel: Alexander Castagna, MD, John D. Kelly, IV, MD, Felix H. Savoie, III, MD,
Stephen J. Snyder, MD

10:45 am  Introduction of Presidential Guest Speaker
J.W. Thomas Byrd, MD

10:50 am - 11:40 am  Presidential Guest Speaker: What Keeps a Deadman Walking
Mark Calaway

11:40 am - 11:55 am  Feature Lecture #2: How Do We Best Educate and Train Arthroscopy?
Lessons Learned from the Copernicus Project
Richard L. Angelo, MD

ARTHROSCOPY ASSOCIATION OF NORTH AMERICA
Clinical Case Panel #4: Hip Arthroscopy: What to Do for Impingement and Labral Tears in 2014?

Moderator: Marc J. Philippon, MD
Panel: Asheesh Bedi, MD, Andrea Fontana, MD, Shane J. Nho, MD, Nicola Santori, MD

1:30 pm Golf Tournament

1:40 pm Concurrent Session A: Hip (SS-32 to SS-44)

The Effect of Acetabular Rim Recession on Anterior Acetabular Coverage: A Cadaveric Study Using the False Profile Radiograph SS-34
Michael Karns, MD, Scott Kling, MD, Jeremy Gebhart, MD, Christos Kosmas, MD, Mark Robbin, MD, Shane Nho, MD, MS, Michael Salata, MD

Effect of Capsulotomy, Capsulectomy, and Capsular Repair on Hip Stability SS-35
Geoff Abrams, MD, Michael Hart, BA, Kaosu Takami, BS, Christopher Bayne, MD, Michael Berman, BS, Alejandro Espinoza, PhD, Hal Martin, DO, Bryan Kelly, MD, Shane Nho, MD, MS

Arthroscopic Management of Femoroacetabular Impingement (FAI) in Adolescents SS-36
J.W. Thomas Byrd, MD, Kay Jones, MSN, RN

Patients with Back Pain Have Inferior Results Following Hip Arthroscopy: A Minimum Two-year Follow-up Match-paired Study SS-37
Benjamin Domb, MD, Rima Nasser, MD, Zachary Finley, BA, Itamar Botser, MD

2:00 pm Discussion

2:05 pm Floor Questions and Answers

2:20 pm – 3:05 pm Feature Lecture #3: Hip Injuries in Athletes: From High School to Pro – What I Have Learned
Bryan T. Kelly, MD

2:20 pm – 3:05 pm Scientific Session VIII: Hip Impingement
Moderators: Asheesh Bedi, MD & Benjamin Domb, MD

Defining Normal Acetabular Coverage: A CT-Based Study of Asymptomatic Hips and Correlation with Conventional Radiographic Measures of Acetabular Deformity SS-38
Christopher M. Larson, MD, Alexandre Moreau-Gaudry, MD, PhD, Bryan T. Kelly, MD, J.W. Thomas Byrd, MD, Jérôme Tonetti, MD, PhD, Stephane Lavallee, PhD, Laurence Chabanas, Engineer, Guillaume Barrier, Biomed Engineer, Asheesh Bedi, MD

Can False Profile View Radiographs of the Hip Accurately Identify CAM Lesions? A Retrospective Radiographic Analysis with Computed Tomography Comparison SS-39
Michael Hellman, MD, Randy Mascarenhas, MD, Yale Fillingham, MD, Anil Gupta, MD, MBA, Bryan Haughom, MD, Charles Bush-Joseph, MD, Shane Nho, MD, MS

Intraoperative Fluoroscopic Imaging to Accurately Treat Cam Deformities: Correlation with 3D Computed Tomography SS-40
James Ross, MD, Asheesh Bedi, MD, Rebecca Stone, MS, Bryan T. Kelly, MD, Christopher M. Larson, MD

Revision Hip Arthroscopy: Findings and Outcomes SS-41
J.W. Thomas Byrd, MD, Kay Jones, MSN, RN

Hip Arthroscopy in Patients with Recurrent Pain following Bernese Periacetabular Osteotomy for Acetabular Dysplasia: Operative Findings and Clinical Outcomes SS-42
Gregory Cvetanovich, MD, Benton Heyworth, MD, Kerri Murray, MPH, Yi-Meng Yen, MD, PhD, Mininder Kocher, MD, MPH, Michael Millis, MD
2:45 pm  The Prevalence of Abdominal Hernias in Patients with Symptomatic Femoroacetabular Impingement SS-43
Thomas Wuerz, MD, MSc, Francesco Dalla Riva, MD, Florian Naal, MD, Shane Nho, MD, MS, Beat Dubs, MD, Michael Leunig, MD

2:50 pm  Labral Reconstruction with ITB Autograft Normalizes Hip Contact Pressure after Antero-superior Labral Resection: An In-vitro Biomechanical Analysis SS-44
Frank McCormick, MD, Jacqueline Thomas, BS, Michael Salata, MD, Asheesh Bedi, MD, Marc J. Philippon, MD, Shane Nho, MD, MS

2:55 pm  Discussion

3:00 pm  Floor Questions and Answers

3:05 pm – 3:30 pm  Clinical Case Panel #5:
Cam, Pincer or Both – What to do with a High Level Athlete and Hip Pain in 2014?
Moderator: Benjamin Domb, MD
Panel: Asheesh Bedi, MD, Shane J. Nho, MD, Allston J. Stubbs, MD

1:30 pm – 3:25 pm  Concurrent Session B
Wrist Elbow / Foot Ankle (SS-45 to SS-55)

1:30 pm  Outcomes for Ulnar Collateral Ligament Reconstruction: A Retrospective Review Using a Validated Assessment Tool with 2 Year Follow-Up SS-45
Thomas OHagan, MD, Robert Stewart, MD, Alfred Atanda, MD, Daniel O’Brien, BA, Sommer Hammoud, MD, Steven Cohen, MD, Michael Ciccotti, MD

1:35 pm  Biomechanical Comparison of Ulnar Collateral Ligament Reconstruction Techniques: A Systematic Review SS-46
Jonathan Frank, MD, Joshua Harris, MD, Brandon Erickson, MD, Mark Cohen, MD, Charles Bush-Joseph, MD, Bernard Bach, MD, Anthony Romeo, MD

1:40 pm  Impact of Distal Ulnar Collateral Ligament Tear Pattern on Contact Forces and Valgus Stability in the Posteromedial Compartment of the Elbow SS-47
Sheref Hassan, MD, Brent Parks, MSc, Janet Yu-Yahiro, PhD, Wiemi Douoguih, MD, Daryl Osbahr, MD

1:45 pm  Valgus Stress Radiographs in 273 Baseball Players with Ulnar Collateral Ligament Injuries SS-48
Jeremy Bruce, MD, Patrick Joyner, MD, Ryan Hess, MD, Aaron Mates, MD, James Andrews, MD

1:50 pm  Radiofrequency Microtenotomy for Elbow Epicondylitis: Mid- to Long-Term Results SS-49
James Tasto, MD, John Richmond, MD, David Amiel, PhD

1:55 pm  Discussion

2:00 pm  Floor Questions and Answers

2:05 pm – 2:15 pm  Clinical Case Panel #6:
Elbow Instability – Case Presentations to Improve Care and Preserve Function
Moderator: Felix H. Savoie, III, MD
Panelists: James R. Andrews, MD, Larry D. Field, MD, Pederzini

2:15 pm – 2:55 pm  Scientific Session X: Ankle and Leg
Moderator: Richard D. Ferkel, MD

2:15 pm  Open vs. Posterior Arthroscopic Subtalar Arthrodesis: A Comparative Study SS-50
Chamnanni Rungrprai, MD, Annunziato Amendola, MD, Marut Arunakul, MD, Phinit Phisitkul, MD, John Femino, MD

2:20 pm  Outcomes Following Ankle Microfracture Surgery SS-51
Thomas Clanton, MD, Lauren Matheny, BA, Nicholas Johnson, MD

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6300 N. River Road Suite 600 Rosemont, IL 60018 | telephone - 847-292-2262 | fax - 847-292-2268 | website: www.aana.org 21
2:25 pm  Arthrobrostrom Lateral Ankle Stabilization Technique: An Anatomical Study SS-52
Jorge Acevedo, MD, Cristian Ortiz, MD, Pau Golano, MD

2:30 pm  An Arthroscopic Technique for the Excision of a Symptomatic Os Trigonum SS-53
William Weiss, MD MSc FRCS, John Crates, MD, F. Alan Barber, MD, FACS

2:35 pm  The Effect of Platelet Rich Plasma and Hyaluronic Acid on Autologous Osteochondral
Transplantation: An In Vivo Rabbit Model SS-54
Niall Smyth, MD, Keir Ross, BS, Amgad Haleem, MD, Charles Hannon, BS, Christopher Murawski, BS,
Huong Do, MA, John Kennedy, MD

2:40 pm  Functional and MRI Outcomes after Arthroscopic Bone Marrow Stimulation for Treatment of
Osteochondral Lesions of the Distal Tibial Plafond SS-55
Keir Ross, BS, Charles Hannon, BS, Timothy Deyer, MD, Niall Smyth, MD, MaCalus Hogan, MD,
Huong Do, MA, John Kennedy, MD

2:45 pm  Discussion

2:50 pm  Floor Questions and Answers

2:55 pm - 3:20 pm  Clinical Case Panel #7: Ankle Pain and Instability in High School Soccer Player
Moderator: James W. Stone, MD
Panel: Francesco Allegra, MD, Richard D. Ferkel, MD

End Concurrent Sessions

4:00 pm – 8:00 pm  Resident & Fellows Day – See Page 31 for Program Information

SATURDAY, MAY 3, 2014

7:00 am – 5:00 pm  Registration
The Westin Diplomat Resort & Spa

7:00 am – 12:00 pm  Exhibits
Great Hall, Salons 4-6

7:00 am – 7:45 am  Continental Breakfast and Exhibits
Great Hall, Salons 4-6

7:45 am – 9:15 am  Instructional Course Lectures (301-308)
See page 26 for course description

9:15 am – 9:40 am  Coffee Break and Visit the Exhibits
Great Hall, Salons 4-6

9:40 am – 9:55 am  Feature Lecture #4 Value Drive Care in Orthopaedics: What You Need to Know in 2014
Jon JP Warner, MD

9:55 am - 10:20 am  Scientific Session VI: Knee 2
Moderators: Gregory C. Fanelli, MD & Mary Lloyd Ireland, MD

9:55 am  Return to Duty After Autologous Chondrocyte Implantation SS-56
Jeanne Patzkowski, MD, Estephan Garcia, MD, Mark Pallis, DO, David Romano, MD, Travis Burns, MD

10:00 am  Effect of BMI on Patients with Multiligament Knee Injuries SS-57
TJ Ridley, BS, Shane Cook, MD, Matthew Bollier, MD, Mark McCarthy, MD, Brian Wolf, MD,
Annunziato Amendola, MD

10:05 am  Comparison of Stability and Slope Neutralization Between Closing Wedge and Opening Wedge High
Tibial Osteotomy in the ACL Deficient Knee SS-58
Anil Ranawat, MD, Kenneth Weeks, MD, Saker Khamsiy, MD, Benjamin Stone, BA, Andrew Pearle, MD
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<td>Jonathan Riboh, MD, Jonathan Godin, MD, MBA, Dean Taylor, MD, Richard Mather, MD</td>
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<td>10:10 am</td>
<td>Discussion</td>
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<td>Floor Questions and Answers</td>
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<td>10:20 am - 10:30 am</td>
<td>Feature Lecture # 5: Stem Cells, PRP, Anesthetics and Anti-Inflammatories: What Can I Safely Inject into My Patients in 2014?</td>
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<td>Jason Dragoo, MD</td>
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<td>10:30 am - 10:55 am</td>
<td>Clinical Case Panel #8: Rotator Cuff Tears State of the Art: What I Do in 2014</td>
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<td>Moderator: Russell F. Warren, MD</td>
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<td>Panelists: Giuseppe Milano, MD, Felix H. Savoie, III, MD, Benjamin Shaffer, MD</td>
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<td>10:55 am - 11:05 am</td>
<td>First Vice President’s Introduction of AANA President</td>
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<td>William R. Beach, MD</td>
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<td>11:05 am - 11:35 am</td>
<td>Grinders Are Good</td>
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<td>J.W. Thomas Byrd, MD</td>
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<td>11:35 am</td>
<td>Resident/Fellow Essay Award – Basic Science Award</td>
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<td>2014 AANA Traveling Fellowship</td>
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<td>Denver T. Stanfield, MD</td>
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<td>Jonathan B. Ticker, MD</td>
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<td>12:00 pm - 12:10 pm</td>
<td>Arthroscopy Journal Highlights from 2013 and a Tribute to Gary G. Poehling, MD</td>
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<td>James H. Lubowitz, MD</td>
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<td>12:10 pm - 12:40 pm</td>
<td>Second Business Meeting – Active Members Only</td>
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<td>12:15 pm - 1:00 pm</td>
<td>Arthroscopy Journal Lunch and Course</td>
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<td>Gary G. Poehling, MD – Editor-in-Chief, James H. Lubowitz, MD – Assistant Editor-in-Chief, Matthew T. Provencher, MD – Deputy Editor, Michael J. Rossi, MD – Deputy Editor, Associate Editors: Jefferson C. Brand, MD, Vipool K. Goradia, MD, J. Martin Leland, III, MD, Darius Moezzi, MD, Nikhil N. Verma, MD, Merrick J. Wetzler, MD</td>
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<td>1:00 pm - 1:40 pm</td>
<td>Scientific Session XII: Articular Cartilage</td>
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<td>Moderators: Brian J. Cole, MD, MBA &amp; Elisavetta Kon, MD</td>
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1:00 pm Cartilage Repair with or without Meniscal Transplantation and Osteotomy for Lateral Compartment Chondral Defects SS-60
Joshua Harris, MD, Kristen Hussey, BS, Bryan Saltzman, MD, Frank McCormick, MD, Hillary Wilson, MD, Geoff Abrams, MD, Brian J. Cole, MD, MBA

1:05 pm Distal Femoral Condyle Osteochondral Allograft Topography: Medial vs. Lateral Condyle SS-61
Adam Yanke, MD, Gregory Cvetanovich, MD, Jason Shin, MD, Erin Moran, MD, Anil Gupta, MD, MBA, Brian Cole, MD, Nozomu Inoue, MD, PhD, Nikhil Verma, MD

1:10 pm Long-term Results after Microfracture Treatment of Full-thickness Knee Chondral Lesions in Athletes SS-62
Alberto Gobbi, MD, Georgios Karnatzikos, MD, Dnyanesh Lad, MBBS, DNB, Sanyam Chaurasia, MD

1:15 pm Long-term Results of Untreated Articular Cartilage Defects at Anterior Cruciate Ligament Reconstruction SS-63
Rodney Benner, MD, K. Donald Shelbourne, MD, Tinker Gray, MA

1:20 pm The Effect of Platelet Rich Plasma Formulations and Blood Products on Human Synoviocytes SS-64
Jason Dragoo, MD, Hillary Braun, BA, Hyeon Joo Kim, PhD, Constance Chu, MD

1:25 pm Identification of Synovial Fluid Biomarkers for Cartilage Pathology and Associated Outcomes in Knee Arthroscopy SS-65
Vanessa Cuellar, MD, Jason Cuellar, MD, PhD, Thorsten Kirsch, PhD, Laith Jazrawi, MD, Eric Strauss, MD

1:30 pm Discussion

1:35 pm Floor Questions and Answers

1:40 pm – 1:50 pm Practical Pearls Spotlight #5: Articular Cartilage: What Will We Be Doing Soon
Elisavitta Kon, MD

1:50 pm – 2:15 pm Clinical Case Panel #9: Optimal ACL Solutions from Both Sides of the Pond
Moderator: Mark D. Miller, MD
Panelists: Thomas R. Carter, MD, James H. Lubowitz, MD, Pier Paolo Mariani, MD, Pier Volpi, MD

Moderator: Richard L. Angelo, MD & Robert A. Pedowitz, MD, PhD

2:15 pm Simulation Training Decreases Surgical Errors and Improves Performance During Diagnostic Shoulder Arthroscopy Performed by Residents in Training SS-66
Kevin Martin, DO, Brian Waterman, MD, Kenneth Cameron, PhD, MPH, Brett Owens, MD, Philip Belmont, MD

2:20 pm Defining Risk Factors for Perioperative Complications Following Shoulder Arthroscopy: An Analysis of the National Surgical Quality Improvement Program Database SS-67
Robert Thorsness, MD, Caroline Thirukumaran, MBBS, MHA, Linlin Zhang, MS, Katia Noyes, PhD, Brian Giordano, MD, Ilya Voloshin, MD

2:25 pm Arthroscopy Skills Development with a Surgical Simulator: A Comparative Study in Orthopaedic Surgery Residents SS-68
Brian Rebolledo, MD, Alejandro Leali, MD, Jennifer Hammann, CST, Anil Ranawat, MD

2:30 pm Enhancement of Arthroscopic Knot-Tying Performance with the FAST Workstation and FAST Knot-Tester SS-69
Robert Pedowitz, MD, PhD, Gregg Nicandri, MD, Richard Angelo, MD, Richard Ryu, MD, Anthony Gallagher, PhD, DSc

2:35 pm Utility of Modern Arthroscopic Simulator Training Models: A Systematic Review SS-70
Rachel Frank, MD, Brandon Erickson, MD, Jonathan Frank, MD, Charles Bush-Joseph, MD, Anthony Romeo, MD, Bernard Bach, MD, Brian Cole, MD, MBA, Matthew Provencher, MD, Nikhil Verma, MD
<table>
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<th>Time</th>
<th>Session</th>
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| 2:40 pm | Effect of Participation in an Arthroscopic Training Course on Arthroscopic Knot Tying Skills in Orthopaedic Residents SS-71  
Brian Gilmer, MD, Aaron Chamberlain, MD, Nathan Coleman, MD, Winston Warme, MD   |
| 2:45 pm | Discussion                                                             |
| 2:50 pm | Floor Questions and Answers                                           |
| 2:55 pm – 3:10 pm | Feature Lecture #6: What I Have Learned as an Arthroscopist and Sports Surgeon  
Russell F. Warren, MD   |
| 3:10 pm – 3:40 pm | Scientific Session XIV: Meniscus                                     |
| 3:10 pm | Moderator: Pietro M. Tonino, MD                                        |
| 3:10 pm | Arthroscopic Partial Meniscectomy vs. Sham for Degenerative Meniscus Tear SS-72  
Teppo Järvinen, MD, PhD, Raine Siilven, MD, Mika Paavola, MD PhD, Antti Malmivaara, MD PhD,  
Ari Itävä, MD, PhD, Antti Joukainen, MD, PhD, Heikki Nurmi, MD, Juha Kalske, MD   |
| 3:15 pm | The Effect of Medial Meniscal Injury on Rotational Instability Following ACL Reconstruction SS-73  
Jon Browne, MD, Thomas Branch, MD, Shaun Stinton, PhD   |
| 3:20 pm | Prospective Evaluation of Meniscal Allograft Transplantation Revision: A Minimum of Two-year Follow-up SS-74  
Rachel Frank, MD, Adam Yanke, MD, Peter Chalmers, MD, Nicole Friel, MD MS, Vasilis Karas, MD,  
Brian Cole, MD, MBA   |
| 3:25 pm | Biological Knee Reconstruction for Combined Malalignment, Meniscal Deficiency, and Articular Cartilage Disease SS-75  
Joshua Harris, MD, Kristen Hussey, BS, Hillary Wilson, MD, Kyle Piliz, MMS, PA-C, Anil Gupta, MD,  
MBA, Andreas Gomoll, MD, Brian Cole, MD, MBA   |
| 3:30 pm | Discussion                                                             |
| 3:35 pm | Floor Questions and Answers                                           |
| 3:40 pm – 4:00 pm | Clinical Case Panel #10: Challenging Shoulder Problems: What to Do With These Cases?  
Moderator: Robert T. Burks, MD   |
| 4:05 pm – 4:10 pm | Feature Lecture #7: What You Need to Know in 2014 for the Business of Arthroscopy  
Louis F. McIntyre, MD   |
| 4:10 pm – 4:15 pm | What Social Media Can Do for You and Your Practice  
J. Martin Leland, III, MD   |
Moderator: John M. Tokish, MD   |
| 4:35 pm | Closing Remarks                                                        |
| 4:40 pm – 6:10 pm | Instructional Course Lectures (401-408)  
See Page 26 for Course Description   |
| 5:00 pm | Adjourn                                                                |
THURSDAY, MAY 1, 2014
1:15 pm – 2:45 pm

COURSE 101
Current Health Care Policies and Their Impact on Your Practice
William R. Beach, MD – Coordinator
Louis F. McIntyre, MD

At the completion of this course, the participant will be able to:
1. summarize the specifics of ICD 10 substantiation of CPT codes;
2. prepare “short lists” of commonly used ICD 10 codes; and
3. identify the additional data requirements for Meaningful Use II.

COURSE 102
What’s New in Management of Foot and Ankle Problems?
Richard D. Ferkel, MD – Coordinator
Francesco Allegra, MD
John G. Kennedy, MD
Peter Mangone, MD
Phinit Phisitkul, MD
James W. Stone, MD

At the completion of this course, the participant will be able to:
1. identify the conventional arthroscopic anatomy, portals, alternative portals
   and positioning to perform ankle and foot arthroscopy;
2. determine when to do drilling/microfracture and when to do articular
   cartilage replacement for osteochondral lesions of the talus; and
3. determine the efficacy of arthroscopic lateral ankle stabilization in subtalar
   and midfoot arthrodesis.

COURSE 103
Partial Thickness Tears of the Rotator Cuff: Controversies, Cases and Calamity
Ian KY Lo, MD – Coordinator
Stephen S. Burkhart, MD
Anthony Miniaci, MD

At the completion of this course, the participant will be able to:
1. interpret the anatomy and pathology of partial thickness rotator cuff tears
   including subscapularis;
2. determine the best way to repair these tears;
3. summarize the consensus of colleagues for the repair of partial thickness
   rotator cuff tears.

COURSE 104
Anterior Shoulder Instability 2014: Dial 911 – We Have a Problem and We Need to Fix It. A Case-Based Approach
Richard KN Ryu, MD – Coordinator
Robert T. Burks, MD
Giuseppe Porcellini, MD
Felix H. Savoie, III, MD
John M. Tokish, MD

At the completion of this course, the participant will be able to:
1. illustrate the risk factors for failed Bankart surgery;
2. implement technical “pearls” to mitigate risk factors; and
3. identify and properly select and treat anterior instability cases.

COURSE 105
SLAP Lesions: Latest Repair Techniques and Role of Biceps Tenodesis: A Case-Based Approach
Benjamin Shaffer, MD – Coordinator
John E. Conway, MD
Allesandro Castagna, MD
Nikhil N. Verma, MD

At the completion of this course, the participant will be able to:
1. explain the general incidence, presentation, clinical evaluation, diagnostic
   imaging and operative techniques for SLAP lesions of the shoulder,
   enhancing patient outcomes.
2. classify outcome studies following SLAP repairs in different populations
   and be able to apply this information to their clinical practice; and
3. identify the current indications and technique for biceps tenodesis as
   salvage for failed SLAP repairs or possible primary treatment approach for
   SLAP lesions.

COURSE 106
How Do I Get There From Here?
Anatomic ACL Reconstruction in 2014
John C. Richmond, MD – Coordinator
James H. Lubowitz, MD
Pier Paolo Mariani, MD
Nicholas A. Sgaglione, MD

At the completion of this course, the participant will be able to:
1. identify the anatomy of the ACL and the historical evolution to today’s
   anatomic reconstructive techniques;
2. interpret the appropriate technical steps to achieve anatomic ACL
   reconstruction with either trans-tibial or medial portal approach; and
3. determine and interpret the evolution to an all inside ACL reconstruction.
COURSE 107
Arthroscopic Management of Wrist Problems: A Case-Based Approach

Kevin D. Plancher, MD – Coordinator
Marco Conca, MD
Mark Rekant, MD

At the completion of this course, the participant will be able to:
1. describe a safe practice to avoid complications and understand advantages for arthroscopically assisted distal radial fractures;
2. demonstrate with a case based approach, a facile way for treatment of carpal ligament injuries in an arthroscopic manner;
3. analyze injuries to the TFCC and discuss arthroscopic repair and debridement.

COURSE 108
Thursday Roundtable Discussion “Ask the Experts” Interactive Session: Rotator Cuff

Faculty: Jeffrey S. Abrams, MD
Robert A. Pedowitz, MD, PhD

FRIDAY, MAY 2, 2014
7:45 am – 9:15 am

COURSE 201
The Social Media Explosion: Why You Can’t Afford to NOT Be on Facebook and Twitter!

J. Martin Leland, III, MD – Coordinator
David Geier, MD
Kevin Marberry, MD

At the completion of this course, the participant will be able to:
1. explain the importance of using the Web and Social Media in promoting yourself and your practice;
2. define specific examples of how an Orthopaedic surgeon can set up and use a variety of different web-based platforms; and
3. answer questions related to using the Web and Social Media.

COURSE 202
Role of the Scapula in Shoulder Health and Injury

W. Benjamin Kibler, MD – Coordinator
Benjamin D. Rubin, MD
Trevor W. Wilkes, MD

At the completion of this course, the participant will be able to:
1. explain normal scapular mechanisms;
2. interpret the role of the scapula in shoulder pathology; and
3. identify the clinical exam and treatment for scapular dyskinesis associated with shoulder injury.

COURSE 203
Arthroscopic Cuff Repair in 2014: What Have We Learned, What Are We Doing? Case-Based Presentations

Jason L. Koh, MD – Coordinator
Stephen S. Burkhart, MD
Giovanni DiGiacomo, MD

At the completion of this course, the participant will be able to:
1. critically evaluate rotator cuff tears and assess appropriateness for non-operative or surgical management;
2. determine pre-operatively the likelihood of a single row, double row or graft augmented repair; and
3. understand the sequential releases that may enhance rotator cuff repair and when to employ ancillary procedures (i.e., Suprascapular Nerve Release) to optimize outcome.

COURSE 204
Anterior Shoulder Instability: Strategies for Addressing Bone Loss

Brian J. Cole, MD, MBA – Coordinator
John D. Kelly, IV, MD
Anthony A. Romeo, MD

At the completion of this course, the participant will be able to:
1. evaluate and identify a patient who would be considered a candidate for the treatment of bone loss associated with recurrent glenohumeral instability;
2. determine the best boney procedure for patients with anterior shoulder instability; and
3. identify and understand the technical aspects of the most common bone procedures used to restore stability in patients with recurrent anterior shoulder instability.

COURSE 205
New Strategies for Treating Less Common Conditions of the Hip: Arthroscopic Management of Bursitis, Abductor Tears and Hamstring Tears

J.W. Thomas Byrd, MD – Coordinator
Asheesh Bedi, MD
Michael B. Gerhardt, MD
Carlos A. Guanche, MD

At the completion of this course, the participant will be able to:
1. understand the endoscopic anatomy of the peritrochanteric space and understand disorders of this region including appropriate treatment methods;
2. recognize abductor lesions, understand conservative and endoscopic treatment methods; and
3. identify and understand various hamstring disorders and determine appropriate management strategy.
INSTRUCTIONAL COURSES

COURSE 206
Patellofemoral Pain and Instability: Case-Based Management

Jeffrey L. Halbrecht, MD – Coordinator
Jack Farr, II, MD
Jason L. Koh, MD
Anthony A. Schepsis, MD

At the completion of this course, the participant will be able to:
1. identify the indications and techniques for treating patella instability. Arthroscopic as well as open methods of MPFL reconstruction and tibial tubercle osteotomy;
2. determine the options available for the treatment of patellafemoral chondral injuries (cartilage resurfacing procedures, osteotomy and PF replacement); and
3. examine and understand indications and methods for treatment of patella baja, patella alta and trochlea dysplasia.

COURSE 207
Glenohumeral Arthritis in the Young Patient: Arthroscopic and Other Options

Alan S. Curtis, MD – Coordinator
Eric C. McCarty, MD
Peter Millett, MD
Felix H. Savoie, III, MD

At the completion of this course, the participant will be able to:
1. compare the etiology and treatment options for symptomatic shoulder arthritis in the young patient;
2. outline the arthroscopic options to treat shoulder arthritis; and
3. summarize options and results of shoulder replacement in the younger patient.

COURSE 208
Friday Roundtable Discussion “Ask the Experts” Interactive Session: Shoulder Instability

Faculty: Matthew T. Provencher, MD & Richard KN Ryu, MD

SATURDAY, MAY 3, 2014 (MORNING SESSION)
7:45 am – 9:15 am

COURSE 301
Orthopedic Innovation: From Inspiration to the OR

Raymond Thal, MD – Coordinator
Stewart Gitler, Esq
Jeffrey L. Halbrecht, MD
Alan Reznik, MD, MBA

At the completion of this course, the participant will be able to:
1. outline the dynamics of orthopedic product development;
2. define cultivation of the creative process, patent protection process, prototype development and commercialization options; and
3. define non-disclosure agreements (NDA), licensing agreements, royalty arrangements and alternative commercialization options.

COURSE 302
Shoulder and Knee Injuries in Military Personnel: What Can We Learn to Improve Care for all Patients. A Case-Based Approach.

Matthew T. Provencher, MD – Coordinator
Dana C. Covey, MD
Christopher B. Dewing, MD
John M. Tokish, MD

At the completion of this course, the participant will be able to:
1. explain current treatment strategies for challenging knee and shoulder disorders in military personnel;
2. demonstrate how orthopaedic injuries in many wounded warriors share common ground with injuries seen in elite civilian athletes; and
3. identify leading edge treatments for specific injuries that improve patient outcomes through case presentations.

COURSE 303
Management of the Massive Cuff Tear: Technical Considerations for Release, Patch, Transfer and Arthroplasty

Stephen S. Burkhart, MD – Coordinator
Anthony A. Romeo, MD
Stephen J. Snyder, MD

At the completion of this course, the participant will be able to:
1. determine which rotator massive cuff tears are amenable to repair, which ones need augmentation and which ones should be treated with arthroplasty and/or tendon transfer;
2. interpret and understand the technical details of doing interval slides, fixation of acellular dermal grafts and tendon transfers; and
3. outline the indications and techniques for arthroplasty with or without tendon transfer of certain massive irreparable rotator cuff tears.

COURSE 304
Arthroscopic Management of Posterior and Multidirectional Instability: A Case-Based Approach

Richard L. Angelo, MD – Coordinator
Larry D. Field, MD
Mark H. Getelman, MD

At the completion of this course, the participant will be able to:
1. understand the history, examination and imaging features characteristic of patients with MDI/posterior instability;
2. appreciate the specific arthroscopic techniques to address MDI/posterior instability including capsular plication, posterior Bankart repair and posterior HAGL lesions; and
3. understand the role of ancillary procedures including rotator interval closure and secondary capsular tightening.
COURSE 305
Arthroscopic Management of Hip Labral Pathology and Impingement: 2014
Marc J. Philippon, MD – Coordinator
Olufemi R. Ayeni, MD
Allston J. Stubbs, MD
S. Cliff Willimon, MD

At the completion of this course, the participant will be able to:
1. summarize the state of the current literature regarding labral pathology and treatment, including the level of evidence of current treatments;
2. describe the most current technique for labral repair, including detailed surgical information, including arthroscopic portals, suture techniques and post-operative protocol; and
3. demonstrate the treatment pathways for young athletes and individuals who have deficient or irreparable labrums.

COURSE 306
The Multiple-Ligament Injured Knee: Evaluation, Timing and Techniques for Anatomic Repair and Reconstructions
Gregory C. Fanelli, MD – Coordinator
Bruce A. Levy, MD
Robert G. Marx, MD
James P. Stannard, MD

At the completion of this course, the participant will be able to:
1. identify and understand the diagnostic evaluation methods of the acute and chronic multiple ligament injured knee, its associated pathology and complications that can occur in these areas;
2. determine the indications for surgical and non surgical treatment, surgical timing and graft selection in the treatment the multiple ligament injured knee;
3. examine and understand the surgical techniques and areas for potential complications in treating the multiple ligament injured knee (ACL PCL medial side, ACL PCL lateral side, global laxity).

COURSE 307
New Paradigms in Management of the Thrower’s Shoulder
John D. Kelly, IV, MD – Coordinator
W. Benjamin Kibler, MD
Craig D. Morgan, MD
Steven Thomas, MD

At the completion of this course, the participant will be able to:
1. elaborate on the new science related to the throwing shoulder;
2. identify the true role of scapular dyskinesis, GIRD and humeral retroversion as well as the emerging significance of the coracohumeral ligament; and
3. develop novel surgical means of addressing cuff, labral and capsular pathology.

COURSE 308
Saturday Morning Roundtable “Ask the Experts” Interactive Session: Knee ACL
Faculty: James H. Lubowitz, MD
Nicholas A. Sgaglione, MD

SATURDAY, MAY 3, 2014 (AFTERNOON SESSION)
4:40 pm – 6:10 pm

COURSE 401
Voluntary Missions in Orthopedic Practice: How Can I Make a Difference?
William B. Stetson, MD – Coordinator
Scott E. Powell, MD
Pietro M. Tonino, MD

At the completion of this course, the participant will be able to:
1. identify key concepts of volunteerism and stimulate interest to participate;
2. explore opportunities for volunteerism both domestically and internationally; and
3. apply a sustainable approach for volunteerism in one’s own practice domestically and internationally.

COURSE 402
Case-Based Presentations: Elbow Problems and Arthroscopic Management Strategies
Larry D. Field, MD – Coordinator
Michael J. Moskal, MD
Kevin D. Plancher, MD
Felix H. Savoie, III, MD

At the completion of this course, the participant will be able to:
1. identify the anatomy and risks of elbow arthroscopy and how to minimize complications;
2. improve recognition of the indications for and techniques involved in the arthroscopic management of lateral epicondyritis and osteochondritis dissecans; and
3. illustrate the indications for and arthroscopic techniques utilized in debridement of the arthritic and stiff elbow as well as ulnar nerve decompression.
COURSE 403
The Severely Compromised Cuff: Arthroscopic Reconstruction Using Allograft Matrix
Stephen J. Snyder, MD – Coordinator
Alex Castagna, MD
F. Alan Barber, MD
Joseph Ianotti, MD
At the completion of this course, the participant will be able to:
1. classify the many causes of degenerative rotator cuff disease and the reasons for the difficulty with healing when using standard surgical techniques;
2. interpret the latest information concerning the choices of available biologic grafting materials and the science and laboratory experiences to support the choice for use in surgery; and
3. identify the current indications and techniques for using a graft to augment or replace a massive, degenerative rotator cuff tear and the expected clinical goals of the surgery.

COURSE 404
Advanced Surgical Techniques in PCL Reconstruction
Gregory C. Fanelli, MD – Coordinator
Bruce A. Levy, MD
Jon K. Sekiya, MD
James P. Stannard, MD
At the completion of this course, the participant will be able to:
1. identify the four surgical techniques for posterior cruciate ligament reconstruction;
2. classify the indications for surgical and non surgical treatment, surgical timing and graft selection in the treatment of posterior cruciate ligament injuries; and
3. explain the arthroscopic trans-tibial tunnel, tibial inlay, arthroscopic tibial inlay and the all-inside surgical techniques of posterior cruciate ligament reconstruction and the technical pearls that will help the surgeon maximize success in these complex surgical procedures.

COURSE 405
The AC Joint: Indications and Evolving Techniques for Restoring Stability: A Case-Based Approach
Anthony A. Romeo MD – Coordinator
Matthew J. Matava, MD
Peter J Millett, MD
Nikhil N. Verma, MD
At the completion of this course, the participant will be able to:
1. identify the anatomy of the acromioclavicular (AC) joint and common pathoanatomy seen in AC joint injuries.
2. explain the surgical indications in acute AC joint injuries or chronic injuries that have failed nonoperative care.
3. develop an effective nonoperative or post-operative treatment strategy and timeline for return to sports, work, and recreational activities.

COURSE 406
New Horizons in Meniscal Preservation
Peter R. Kurzweil, MD – Coordinator
Thomas R. Carter, MD
Justin Saliman, MD
At the completion of this course, the participant will be able to:
1. identify best techniques and pearls for repairing the meniscus with suture (outside-in and inside-out) and fixators;
2. identify techniques for meniscal tears thought to be previously irreparable including root tears, tears in the white-white zone and flap tears – the role of biologic enhancement; and
3. replace and restore meniscal defects with allografts and scaffolds.

COURSE 407
Unusual Problems of the Shoulder and How to Deal with Them (Adhesive Capsulitis, Subscapularis Tears and Coracoplasty, and Suprascapular Nerve)
Stephen C. Weber, MD – Coordinator
William R. Beach, MD
Stephen S. Burkhart, MD
James C. Esch, MD
At the completion of this course, the participant will be able to:
1. identify diagnosis and treatment of suprascapular nerve problems;
2. identify and treat problems of adhesive capsulitis – both operative and non-operative;
3. interpret the diagnosis and treat suprascapular neuropathy of the shoulder and understand the role of suprascapular nerve release in the treatment of massive rotator cuff tears.

COURSE 408
Saturday Afternoon Roundtable “Ask the Experts” Interactive Session
Knee Articular Cartilage
Faculty: Brian J. Cole, MD, MBA & Scott Gillogly, MD
Resident and Fellows Day
Friday May 2, 2014
4:00 PM-8:00 PM

Description:
The AANA Resident and Fellows Day program has been developed for recent Fellowship graduates and current Resident and Fellows. The program has been designed to provide important information addressing the business of medicine and to help you transition into a new practice. The course begins with didactic lectures and then informal small group break-out sessions to discuss and share ideas with recent Fellowship graduates and faculty in different stages of their careers.

The program continues with an orthopedic Jeopardy contest where the Residents and Fellows will be given an opportunity to compete head to head with Resident and Fellows from other programs. The winner will receive the grand prize, free tuition to an AANA Masters Experience Course at the Orthopedic Learning Center in Rosemont, IL.

A BBQ Dinner will follow and will be attended by leaders in the field of arthroscopy and members of the Board of Directors of the Arthroscopy Association. The Resident and Fellows will have the opportunity to meet with faculty and AANA leadership in a casual relaxed environment and we will then adjourn to the Presidential Suite for more conversation and after dinner drinks.

You must be registered for the Annual Meeting in order to attend Resident & Fellows Day.

Course Objectives:
At the completion of this course, the participant will be able to:
1. identify the challenges of starting an Orthopedic Practice;
2. determine the basics of billing/coding, EMR, and detail the new Meaningful Use criteria; and
3. explain ancillary options and how to buy in detail future orthopedic practice trends including ACO's & "Obama"care.

Agenda

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<th>Time</th>
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<tr>
<td>4:00 pm</td>
<td>Welcome</td>
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<td>J.W. Thomas Byrd, MD - AANA President</td>
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<td>Denver T. Stanfield, MD - Chairman, Fellowship Committee</td>
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<td>4:10 pm</td>
<td>Conversion from ICD-9 to ICD-10: Need to Know Details</td>
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<td>Louis F. McIntyre, MD</td>
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<td>4:25 pm</td>
<td>Marketing Tips to Jumpstart Your New Practice</td>
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<td>Scott E. Powell, MD &amp; William B. Stetson, MD</td>
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<tr>
<td>4:40 pm</td>
<td>Current Orthopaedic Practice Trends: What the Future May Hold</td>
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<td>Denver T. Stanfield, MD</td>
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<td>4:50 pm</td>
<td>Surviving the Transition from Volume to Value</td>
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<td>Richard “Chad” Mather, III, MD</td>
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<td>5:00 pm</td>
<td>Breakout Sessions</td>
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<td>1. Building A Practice: Getting Patients in the Door – Do’s &amp; Don’ts</td>
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<td>2. Experience of Recent Fellows in the Job Market</td>
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<td>5:30 pm</td>
<td>Orthopedic Trivia: “Orthopaedic Jeopardy”</td>
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<tr>
<td>6:00 pm</td>
<td>*BBQ Dinner (Residents &amp; Fellows only)</td>
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<tr>
<td>7:00 pm</td>
<td>*Adjourn to Presidential Suite for after dinner drinks</td>
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*Fellows Day registered participants
IMPORTANT DATES

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<tr>
<th>Date</th>
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<tr>
<td>March 25, 2014</td>
<td>Housing Reservation Deadline</td>
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<tr>
<td>April 8, 2014</td>
<td>Registration fee increases</td>
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<tr>
<td>April 21, 2014</td>
<td>Registration closes</td>
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<tr>
<td>April 21, 2014</td>
<td>Cancellation and refund deadline.</td>
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<td>Refunds will not be made for no shows</td>
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ACCREDITATION

The Arthroscopy Association of North America is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

AMA/PRA

Scientific Session: AANA designates this live activity for a maximum of 17.75 *AMA PRA Category 1 Credits(s)*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Instructional Course: AANA designates this live activity for a maximum of 1.5 *AMA PRA Category 1 Credits(s)*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Roundtable Discussion: AANA designates this live activity for a maximum of 1.5 *AMA PRA Category 1 Credits(s)*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Resident/Fellows Day: AANA designates this live activity for a maximum of 2 *AMA PRA Category 1 Credits(s)*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Allied Health Professionals: AANA is not accredited to offer credit for Nurses and other Allied Health Professionals. To determine if activities offering Category 1 CME credit are acceptable for your licensing or certification needs, please contact the relevant organization directly.

REGISTRATION – The Westin Diplomat Resort & Spa – Great Hall Foyer

Only children 16 years or older will be admitted to the education programs including the exhibit hall.

**ADVANCE REGISTRATION**

Advance registration for the 2014 AANA Annual Meeting is now **ONLINE ONLY.** Please go to [www.aana.org](http://www.aana.org) to register. Contact the AANA Office if you need assistance (847-292-2262).

<table>
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<tr>
<th>Category</th>
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<tr>
<td>AANA Member (North American)</td>
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<tr>
<td>AANA Member (On-Site)</td>
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<td>$100 (On-site)</td>
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<tr>
<td>ICL Faculty &amp; AANA/Italian Faculty</td>
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<tr>
<td>Feature/Clinical Case Faculty</td>
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<td>Italian Society Member</td>
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<tr>
<td>Podium &amp; ePoster Presenters (non-members)</td>
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<td>U.S. Military – Full Time/Active Duty (with letter from Commanding Officer)</td>
<td>$345</td>
<td>$370</td>
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<tr>
<td>*Resident/Fellow (with letter from Chief of Orthopaedics)</td>
<td>No Fee</td>
<td>No Fee</td>
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<tr>
<td>Allied Health</td>
<td>$200</td>
<td>$250</td>
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Members and program participants must register even though no fee is required. Advanced Registration closes April 21, 2014.

*All Members are required to have paid all dues owed to AANA. If dues are not paid prior to registering, they will be requested at the time of registration.

*** IMPORTANT MEMBER INFORMATION***

The AANA Board of Directors has established a $100 on-site registration fee for all Member categories. If you are planning to attend the Annual Meeting, please register in advance of April 21, 2014 registration deadline at [www.aana.org](http://www.aana.org).
AANA GUEST NATION

Help us welcome Italy as the Guest Nation for the 2014 AANA Annual Meeting. AANA Welcomes Italy!

ARTHROSCOPY JOURNAL LUNCH AND COURSE
(for prospective reviewers and authors)

The editors of the Arthroscopy Journal will host a lunch for those interested in reviewing or writing papers for the Journal publication. Insight into the review process will be provided. Expectations for paper structure and content as well as reviewer objectives and responsibilities will be outlined. All registered participants will be provided with a booklet that summarizes the course and gives added instruction for both reviewers and authors. Limited to 75 participants, a box lunch will be provided.

Saturday, May 3   12:00 pm – 1:00 pm

BUSINESS MEETINGS

Active members are encouraged to attend the business meetings.

Thursday, May 1   12:20 pm – 1:10 pm*
Saturday, May 3   12:10 pm – 12:40 pm

*A box lunch is being provided to all Active Members who attend the Thursday Business Meeting.

CONTINENTAL BREAKFAST & COFFEE BREAKS

Continental breakfast and coffee breaks will be held in the Great Hall Ballroom, Salons 4-6 on Thursday, Friday and Saturday.

CURRENCY

Meeting registration fees are in U.S. dollars and registration must be paid in U.S. dollars.

DISCLAIMER FOR ALL PROGRAMS

The methods, techniques, and procedures demonstrated and views and opinions expressed by speakers, presenters and faculty are on their own, and do not necessarily represent those of the Arthroscopy Association of North America (AANA), nor does presentation on the program represent or constitute endorsement or promotion by AANA.

AANA expressly disclaims any warranties or guaranties, expressed or implied, and shall not be liable for damages of any kind in connection with the material, methods, information, techniques, opinions or procedures expressed, presented or demonstrated.

ePOSTERS

ePoster computer stations will be located in the registration area. ePosters will be given out to all meeting attendees on the meeting Flashdrive.

EXHIBITS

To complement the educational sessions, a variety of technical exhibits will be on display throughout the meeting.

Thursday, May 1   7:00 am – 3:30 pm
6:30 pm – 8:00 pm
Friday, May 2   7:00 am – 1:00 pm
Saturday, May 3   7:00 am – 12:30 pm

HOSPITALITY SUITE

A Hospitality Suite will be open at the The Westin Diplomat Resort & Spa. Please stop by and meet the spouses.

Thursday, May 1   8:00 am – 5:00 pm
Friday, May 2   8:00 am – 12:00 pm
Saturday, May 3   8:00 am – 5:00 pm

HOTEL RESERVATIONS – Book Early!

AANA has special rates at the Westin Diplomat Resort & Spa for the Annual Meeting. Room reservations should be made well in advance. Reservations can be made via telephone or online through the AANA website. Please tell the reservation agent that you are with “AANA” to receive the group room rate.

The Westin Diplomat Resort & Spa
3555 S. Ocean Drive
Hollywood, Florida 33019

Online at www.aana.org and follow the instructions

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Housing deadline: March 25, 2014 – or until the room block is sold out.

INSTRUCTIONAL COURSE LECTURES / ROUNDTABLE DISCUSSIONS

Attendance at an Instructional Course Lecture is by ticket only. The instructional course fee is $45 per course in advance and $55 per course on-site. Please see page 26 for more information.
INTERNET CAFÉ
Need to check your email? Want to show your friends the AANA website? Computers will be available for internet access in the Registration Area.

OPENING CEREMONY
AANA President J.W. Thomas Byrd, MD will preside over the Opening Ceremony on Thursday, May 1 at 8:00 AM. During this ceremony, AANA will welcome International Presidents as well as invited International colleagues.

REFUND POLICY
Refunds will be subject to a non-refundable $75 processing fee. Requests for refunds must be received in writing in the Association office by April 21, 2014. NO REFUNDS WILL BE ISSUED AFTER APRIL 21, 2014. Refunds will not be made for no shows.

AANA is not responsible for expenses incurred by an individual who is not confirmed and for whom space is not available at the meeting. Cost incurred by the registrant, such as airline or hotel fees or penalties are the responsibility of the registrant.

REGISTRATION
AANA has gone paperless. Please register ONLINE:
www.aana.org

Contact the AANA office (847-292-2262) if you need assistance.

SPECIAL EVENTS
Reception
The Westin Diplomat Resort & Spa
Great Hall Ballroom
Thursday, May 1st 6:30 pm – 8:00 pm
A reception is scheduled and hors d’oeuvres will be served. All registrants, guests and exhibitors are welcome. Please sign up for the reception when registering.

AANA GOLF TOURNAMENT
Friday, May 2 at 12:30 pm
Cost: $200.00
A shot-gun golf tournament has been scheduled for meeting participants on Friday, May 1st at The Diplomat Golf Course. A $200.00 green fee should be returned with the registration form. This includes your round of golf, range balls, cart, food, contests and much, much more.

AANA TENNIS TOURNAMENT
Sponsored by DJO Global
Friday, May 2 at 12:30 pm
Cost: $40
A Tennis Tournament has been scheduled for Annual Meeting participants at The Westin Diplomat. Advance registration will be required along with the court fee of $40 per person.

TRAVEL INFORMATION
Official Travel Agency: Gant Travel Management
Contact Gant Travel, AANA’s official travel agency or book online at United.com to receive special meeting discounts when you travel on United Airlines.

Exclusive discount off lowest published fare when you book and ticket through Gant Travel.
Terms and conditions apply. U.S. point of sale only.

Gant Travel Desk:
Toll-free: 877-924-0305
Email: AANA@ganttravel.com
Travel desk hours are Monday-Friday; 7:30 am to 6:00 pm Central Time. $25 service fee applies.
United Airlines offers discounts from 2% up to 10% off applicable fares. Discounts apply on United Airlines and flights operated by United or other airlines branded United Express, Lufthansa, and All Nippon Airways. Applicable restrictions apply.
Book online www.united.com and enter ZQT2427441 in the offer code box.
Support your Association by using Gant!

CAR RENTAL – HERTZ
Hertz has been appointed the official car rental company for the Annual Meeting. Special discounted rates with unlimited mileage have been negotiated and are available up to one week prior and one week after the dates of the Annual Meeting. Be sure to secure your transportation needs by making reservations at least 2 weeks in advance. Call the Hertz Meeting Sales Desk at 1-800-654-2240 and identify...
SPouse PROGRAM

Shopping in Miami!
(this is a transfer to the Bal Harbour Shops)
Thursday, May 1
Assemble: 9:15 am
Departure: 9:30 am
Return: 1:00 pm
Bal Harbour Shops was designed to celebrate the balmy beauty of South Florida. Ideally situated between the Atlantic Ocean and Biscayne Bay in the affluent village of Bal Harbour, the lushly landscaped, open-air mall doesn’t look or feel like any other center in America. This internationally renowned fashion mecca showcases a unique collection of fashion specialty boutiques, services, restaurants and charming Continental cafés in a lush, tropical setting. Specialty shops include Bulgari, Tiffany & Co., Louis Vuitton, Gucci, Cartier, Hermes, Fendi, and Florida’s largest Neiman Marcus and Saks Fifth Avenue.

Transportation will be provided.

Fee: $40 per person (based on a minimum of 22 people).

AANA PALS

Walk for Dr. Leslie Sgaglione Academic Scholarship Fund
Friday, May 2
8:45 am – Registration
9:00 am – Walk begins
Bring your walking shoes and your family to help us celebrate the life of Dr. Leslie Sgaglione. Join us for the AANA PALS Walk dedicated to her memory. All donations can be made to the Dr. Leslie Sgaglione Academic Scholarship Fund to benefit the students of the North Shore School District in Sea Cliff, NY. Donations will be collected at the time of the walk.

HOTEL INFORMATION

The Westin Diplomat Resort & Spa
3555 S. Ocean Drive
Hollywood, Florida 33019
Reservations: 1-866-627-9057

Single/Double $285
Check-in: 4:00 pm
Check-out: 12:00 pm
Housing Deadline: March 25, 2014 – or until the room block is sold out.

Early departure fee: In the event that a guest checks out prior to their reserved check-out date, The Westin Diplomat will add an early departure fee of one (1) night room and tax to the guest’s account. To avoid an early check-out fee, guests MUST advise The Westin Diplomat at or before check-in of any change in the scheduled length of stay.

Support AANA and book through the official housing site. Visit www.aana.org to make your reservations on-line!

GROUND TRANSPORTATION

Attendees have two options when flying to Hollywood, Florida:

1. The Ft. Lauderdale/Hollywood International Airport
   Price for taxi: $40 (approximate travel time is 20 minutes)
2. Miami International Airport
   Price for taxi: $60 (approximate travel time is 40 minutes)

GO-SHUTTLE-FT. LAUDERDALE ONLY

Price for Go Shuttle from Ft. Lauderdale is $13 each way per person. For further information call 954-561-8888.

SUPER SHUTTLE- MIAMI ONLY

Price for Super Shuttle from Miami is $31 each way per person. For further information call 305-871-2000. All prices are approximate and subject to change.

JOIN AANA TODAY!

Apply online at www.aana.org
Join the conversation.
Tweet about the AANA Annual Meeting! #AANAORG
JOIN THE CONVERSATION.
TWEET ABOUT THE AANA
ANNUAL MEETING!
#AANAORG