San Diego Shoulder

34th Annual Course
San Diego, California
June 14-17, 2017
Location: Hilton BayFront, San Diego

Arthroscopy
Arthroplasty
Fractures

Program Chairmen:
James C. Esch, M.D., SDSI President and C.E.O.
Jon “J.P.” Warner, M.D., SDSI Board Member
Your Partner In

TORNIER
BLUEPRINT™
3D Planning + PSI

TORNIER
AEQUALIS™ PERFORM™
REVERSED
Glenoid

Experience Tornier Technology at Booth
Shoulder

TORNIER SIMPLICITI™ Shoulder System

TORNIER AEQUALIS™ PERFORM™+ Shoulder System

wright.com
Pioneering Instability Solutions – from Repair to Reconstruction

Our shoulder instability instrumentation and disposables are designed to accommodate a wide variety of patient pathologies and surgeon preferences. Come by booth 200-202 to see our latest, pioneering solutions.

- SPIDER2 Limb Positioner
- SUTUREFIX ULTRA All-Suture Anchor
- MINI-OVPEN LATERJET Coracoid Prep Tool
- ACCU-PASS DIRECT Suture Passer
- SPEEDLOCK Knotless Suture Anchor
- Q-FIX All-Suture Anchor

Join us at our Lunchtime Symposium

Thursday June 15,
12:00 – 1:30 PM, Room 202a
“Complex Glenohumeral Instability, Identification and Management”

- Nikhil N. Verma, MD: “Glenoid Bone Loss: Successful Treatment Employing a Mini-Open Lateral technique”
- Felix Savole, MD: “Remplissage: When, Why, and How”
- Scott W. Trenhaile, MD: “Posterior Instability: Tackle the Issues”

In-booth Talk

Thursday June 15,
9:40 AM, Smith & Nephew Booth #200-202
“Genesis of the Q-FIX All-Suture Anchor”

- Nathaniel P. Cohen, MD: “The Need We Saw in the All-Suture Market and How We Filled It by Designing the Q-FIX Anchor”
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Specialized Break-out Sessions
Controversies in Instability, Latarjet Techniques,
Massive Rotator Cuff Repairs, Patient Specific Instrumentation,
and Tips for Reverse Shoulder Arthroplasty
Arthroscopy and Arthroplasty Cadaver Laboratories
Exclusive Personalized Instructional Cadaver Lab
James C. Esch, M.D. initiated the San Diego Shoulder Course in 1983. Having a passion to educate, mentor, and grow the standard of shoulder care, he continually pursued opportunities to advance educational offerings specific to the shoulder. Throughout the years, the course has continued to grow and is now recognized world-wide for quality and comprehensive education. As President and CEO, Dr. Esch continues to oversee the annual course to ensure fulfillment of our mission: to improve the competence, performance, and patient outcomes of shoulder care.

A LETTER FROM OUR CHAIRMAN

On behalf of San Diego Shoulder Institute’s (SDSI’s) Board of Directors and Program Planning Committee, I would like to welcome you to the 34th Annual San Diego Shoulder Course. I am proud that the SDSI course is historically recognized as the leading shoulder course in the world! We critically consider feedback from our faculty, registrants, and leaders in the field in order to improve the next course so that we will raise the bar of professional practice each year. We listen to you and have taken our educational offerings to the highest level possible. No other course offers the depth and breadth of the total spectrum of shoulder care as does SDSI. You will find our presentations balanced, stimulating, and presented in a format to identify your personal learning goals. I am confident you will identify real improvements to implement immediately into your practice. Whether you are novice or expert, our comprehensive four-day curriculum offers opportunities of interest to all. This year we have assembled an exceptional faculty. We have built upon our case-based discussion format, encouraging our audience and faculty to debate best practice approaches to a variety of treatment dilemmas. The 2017 program offers expanded opportunities for individualized laboratory sessions, focus demonstrations, and dynamic break-out sessions. We believe our 2017 course will be our best yet. Please take the time to provide your input into our course evaluations to allow us to improve our 2018 course.

In the spirit of exceptional learning,
Jon “J.P.” Warner, M.D., Course Chair
COURSE HIGHLIGHTS

The purpose of this course is to provide strategies to equip physicians to provide the highest level of analytical, diagnostic, and treatment practice modalities specific to shoulder arthroscopy, arthroplasty, fracture management, and complex shoulder etiologies. Bringing together expert faculty, course content focuses on known best practice, latest technological advances, and evidence-based research related to shoulder care. Physicians will benefit directly from the following formats of educational interaction:

FEATURING:

- World recognized leaders in the field presenting case-based lectures and discussions focusing on key practice gaps impacting shoulder care: Assimilate the evidence and hear practical implementation strategies from the leading experts in the field
- Dynamic panel discussions with opportunities for audience interaction
- Expanded opportunities to work in tandem with our expert faculty to perfect your surgical skills
- Expanded technical focus demonstrations detailing specific tips to perform challenging procedures
- An opportunity to practice and hone surgical skills utilizing realistic shoulder models
- Elective options to further enhance your surgical skills via cadaveric laboratories in a mock surgical environment
- Individualized break-out sessions: you choose your area of interest from the major topics facing shoulder care today
  ✓ Choosing the Right Humeral Stem: Does Length or Convertibility Matter?
  ✓ Controversies in Instability
  ✓ Essential Steps to Determine Primary Pathology: Test Your Expertise!
  ✓ Evaluation and Treatment of the Throwing Shoulder
  ✓ Focus Demonstrations:
    ▪ Latarjet Technique
    ▪ Massive Cuff Tear Options and SCR Demonstration
    ✓ Joint Preservation for Massive Rotator Cuff Tears
    ✓ Mini-Executive Fellowship: Rotator Cuff Repair
    ✓ Patient Specific Instrumentation and Planning
    ✓ Proximal Humerus Fractures
    ✓ Tips for Reverse Shoulder Arthroplasty

LECTURE SESSIONS:

- We have brought together the “best of the best” in the shoulder industry. You won’t want to miss our comprehensive and dynamic lecture format.

  ✓ Select a track of your interest to begin the session: Attend either arthroscopy or arthroplasty laboratory opening lectures
    ▪ The evolving role of pre-and intra-operative set up and planning
    ▪ Specific technique tips
    ▪ Focus demonstrations
  ✓ Course lectures address key topics facing the shoulder practitioner today:
    ▪ Arthroplasty
    ▪ Arthroscopy
    ▪ Glenoid Deformity
    ▪ Rotator Cuff Tears
    ▪ Treatment of the Subscapularis
    ▪ Instability
    ▪ Trauma
    ▪ Fracture Management
    ▪ Optimization of Data to Improve Care
    ▪ Evaluate specific “how to” approaches and technical pearls
  ✓ Discover how the experts handle complex problems and prevent complications
  ✓ Integrate evidence-based approaches into optimum clinical decision-making strategies

Laboratories/Workshops: All laboratories and workshops provide individualized instruction in a mock surgical environment. Participants customize the hands-on learning experience based on identified learning goals. Personalized sessions provide immediate critique and recommendations for technical improvement from our expert faculty.

- Arthroscopy Skills Practicum: New and Revamped! SDSI’s President states he cannot stress the importance of practice in a “clean” surgical environment enough as an effective means to improve skill. Watch our experts demonstrate specific procedures, then break out into two separate sessions to practice with expert faculty.
• **Cadaver Arthroscopy Surgical Laboratory:** This session allows participants to actively perform the arthroscopy techniques of Cuff Repair, Instability, and Biceps Repair. Expert faculty will guide students in essential arthroscopic diagnostic and operative techniques. Receive expert recommendations and practice on a cadaveric specimen. Sessions are customized based on individualized learning goals and current skill level.

• **Cadaver Total Shoulder Small-Group Laboratory:** This dynamic lab features world-recognized experts in total shoulder replacement/reverse total shoulder. A brief lecture covering technique essentials is followed by individualized instruction. Instruction is customized based on the learner’s skill level and identified educational goals.

• **Exclusive Personalized Instructional Cadaver Lab:** Don’t miss this educational chance of a lifetime! Receive one-on-one instruction from one of our expert faculty. You select the instructor and the procedure!

• **Mini-Executive Fellowship:** Arthroscopic Rotator Cuff Repair: This session is designed to teach the steps of arthroscopic rotator cuff repair using life-like models and a portable arthroscopic camera. Participants will have the opportunity to perform a complete rotator cuff repair following step-by-step demonstration by the instructor. Anchor insertion and knot tying will complete the session. Each student will receive supplemental instructional material prior to the course. Course requirements: You must bring a current laptop to the session.

• **Shoulder Arthroplasty and Fracture Fixation Workshop:** This session demonstrates current techniques to treat shoulder arthritis and trauma. Participants are exposed to multiple equipment options to practice arthroplasty and fracture fixation techniques. No pre-registration required. **You won’t want to miss this session!**

**BREAK-OUT SESSIONS:**
These customized sessions are specifically designed to allow participants to achieve individualized learning goals. Held in small-group settings, our expert faculty lead discussions and present specific information regarding high-end practice, tips and pearls to improve practice and prevent complications, and strategies to handle difficult cases. The sessions are dynamic and interactive.

• **Choosing the Right Humeral Stem: Does Length or Convertibility Matter?** There is increasing controversy about stem size and impact to patient outcomes. Our experts discuss current data results with long-stem, short stem, stemless, and SCR options.

• **Controversies in Instability:** Management of shoulder instability includes a broad spectrum of pathologies and treatment options. Surgeons report varied outcomes based on a variety of open, arthroscopic, and rehabilitative techniques. Ascertain best treatment options from our experts.

• **Essential Steps to Determine Primary Pathology:** Test Your Expertise! Featuring a “live” patient examination. How astute are your diagnostic skills? Take our challenge by participating in this dynamic session. This interprofessional session encompasses critical factors in comprehensive patient care from the healthcare team perspective. Physicians, Therapists, and Radiologists will lead you through key steps in patient history, examination, therapy interventions, imaging, and surgical planning for two “mystery” patients.

• **Evaluation and Treatment of the Throwing Shoulder:** We have assembled leading physicians, trainers, therapists, coaches, and major league players to bring you cutting edge information on the assessment, prevention, and treatment of throwing shoulder etiologies. Heniz Hoenecke, M.D. leads this innovative session, teamed with Trevor Hoffman, pitching coach and retired pitcher, and Chuck Thigpen, PhD, P.T. Dr. Hoenecke has developed an innovative three-dimensional computer-animated shoulder stimulator. The stimulator measures muscle stress, allowing physicians to perform virtual surgeries and examine factors such as accelerations, forces, displacements, impingements, muscle tension and muscle wrapping. Charles Thigpen, PT, PhD, ACT joins Dr. Hoenecke. Dr. Thigpen is a leading expert who developed a pitching assessment tool as a researcher and therapist with the Colorado Rockies and Kansas City Royals. Join our team for a didactic session in the San Diego Padres Clubhouse, followed by an on the field demonstration. Hone your skills by our “moneyball” interaction: learn first-hand how to implement a pitching assessment followed by video analysis.

**Bus leaves outside north entrance lower level lobby at 8:15am**
**NOTE:** ALL REGISTRANTS MUST BE ON BUS to gain access for this session!
**Session:** 8:30am - 12:00pm:
BREAKEOUT SESSIONS CONTINUED:

- Focus Demonstrations: These sessions provide detailed explanation of technique performance followed by a specific cadaveric demonstration.

  Latarjet Technique: Arthroscopy vs. Open: This dynamic discussion lead by leaders in the field reviews specific tips for selecting the Latarjet technique. The session moves on to demonstrate how to perform this demanding procedure, how to avoid complications, and how to safely navigate around the potentially perilous anatomy that surrounds the Latarjet “envelope.” This session will include a closed and open Latarjet technique demonstration with expert commentary.

  Massive Cuff Tear Options and SCR Demonstration: Considerations for massive cuff tear options and SCR. Hear specific considerations for patient selection, treatment approaches, and prevention of complications. Witness a specific SCR demonstration by Dr. Stephen Burkhart, a leading pioneer in the field.

- Joint Preservation for Massive Rotator Cuff Tears: Treatment options for rotator cuff tears are diverse. This dynamic discussion covers the current controversies challenging surgeons today. Hear our experts review pros and cons of treatment strategies, with an emphasis on joint preservation. The session will include arthroscopic repair, open tendon transfer, arthroscopic tendon patch grafting, and superior capsular reconstruction. Hear expert opinion and determine best practice for your patient population.

- Patient Specific Instrumentation and Planning: Use of 2D images presents challenges of finding the optimal location and orientation, and patient structural challenges. Current expansion of 3D imaging suggests accuracy of reproducing a surgical plan and improved outcomes. This session addresses how to optimize surgical time, techniques to manage surgically challenging steps, indications for pre-operative planning, and implementation of the 3D guide.

- Proximal Humerus Fractures: Successful treatment and reconstruction of proximal humerus fractures presents a challenge and technical expertise that few surgeons have the opportunity to develop. Our faculty will provide essential strategies to accurately assess, develop a plan of care, and implement technical interventions to positively affect patient outcome.

- Tips for Reverse Shoulder Arthroplasty: Reverse Shoulder Arthroplasty is growing in impact and use. How comfortable are you with this procedure and indications? Join our experts as they share insights on selection, implementation, tensioning, and tips to prevent the most frequent complications.

Luncheon Workshop Series: Presented by expert physicians in the field! No Charge!

Held Thursday and Friday, attendees will review current technological advances and surgical techniques in shoulder arthroplasty, arthroscopy, and special topics. Presented by the experts in the field. Register early!

San Diego Shoulder Institute would like to extend a warm welcome to the American Shoulder and Elbow Society Fellows who are participating in our course.

MCJ Consulting

SDSI would like to acknowledge MCJ Consulting Services for the onsite management of our course laboratories and workshops.
2017 COURSE OBJECTIVES

Lecture Objectives:
Upon completion of this CME activity, participants will be able to:
• Identify strategies to improve practice and outcomes of shoulder arthroplasty, arthroscopy, reverse total shoulder prosthesis, and shoulder fractures.
• Identify opportunities to implement evidenced-based techniques into current practice.
• Identify options for the treatment of complex shoulder disorders.
• Identify strategies for improved surgical techniques and use of appropriate technology in the treatment of shoulder disorders.
• Identify approaches to improve assessment and management of shoulder disorders in the clinical setting.
• Identify approaches to enhance the clinical diagnosis of shoulder disorders.
• Identify strategies to implement into the practice setting for immediate practice improvement and long-term patient outcome progression.

Laboratory/Workshop Objectives:
Upon completion of this CME activity, participants will be able to:
• Discuss specific steps to perform a complete procedure as covered in the session.
• State specific strategies that will be implemented in the practice setting as a result of session participation to improve practice and/or patient outcomes.

CME ACCREDITATION

This activity has been planned and implemented in accordance with the Accreditation Council for Continuing Medical Education (ACCME) and the American Medical Association (AMA) standards. San Diego Shoulder Institute is accredited with commendation by the ACCME to provide continuing medical education for physicians. San Diego Shoulder Institute takes responsibility for the content, quality, and scientific integrity of this CME activity.

San Diego Shoulder Institute designates this live educational activity for a maximum of 33.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CME CREDITS FOR THIS COURSE ARE CALCULATED AS FOLLOWS:

LECTURES: 19.5 AMA PRA Category 1 Credits™
Arthroscopy Skills Practicum:
• Lectures: 2.5 AMA PRA Category 1 Credits™
• Practice Session: 1 AMA PRA Category 1 Credits™ per session
Cadaver Arthroscopic Surgical Lab: 3.5 AMA PRA Category 1 Credits™
Mini-Executive Fellowship: Rotator Cuff Repair: 2 AMA PRA Category 1 Credits™
Total Shoulder Replacement/Reverse Total Shoulder Replacement Cadaver Lab:
• Lecture: 1.5 AMA PRA Category 1 Credits™
• Lab: 2.5 AMA PRA Category 1 Credits™
Exclusive Personalized Instructional Cadaver Laboratory:
2 AMA PRA Category 1 Credits™ per session
Total Shoulder and Fracture Fixation Workshop:
2 AMA PRA Category 1 Credits™
Special Break-Out Sessions:
2 AMA PRA Category 1 Credits™ per segment
• Choosing the Right Humeral Stem: Does Length or Convertibility Matter?
• Controversies in Instability
• Essential Steps to Determine Primary Pathology: Test Your Expertise!
• Focus Demonstrations:
  o Latarjet Technique
  o Massive Cuff Tear Options and SCR Demonstration
• Proximal Humerus Fractures
• Patient Specific Instrumentation and Planning
• Joint Preservation for Massive Rotator Cuff Tears
• Tips for Reverse Shoulder Arthroplasty
3.5 AMA PRA Category 1 Credits™
• American Shoulder and Elbow Society Fellow Paper Presentations
4 AMA PRA Category 1 Credits™
• Evaluation and Treatment of the Throwing Shoulder
San Diego Shoulder Institute’s 34th Annual Course
Development of Program Content

This activity is based on valid, reliable, and accurate information. All recommendations involving clinical medicine are based on evidence that is accepted within the profession of medicine as adequate justification for their indications and contraindications in the care of patients. All scientific research referred to, reported, or used in support or justification of a patient care recommendation conform to the generally accepted standards of experimental design, data collection, and analysis.

San Diego Shoulder Institute conducts extensive research and study of our learner’s practice and educational needs to format this course to raise the bar of professional practice. This course was developed as a specific result of:

- Analysis of current research, known best practices, and documented strategies to maximize patient outcomes
- Assimilation of the above-listed information to bridge the quality gap between existing clinical practice and potential/ideal performance (with specific reference to ABOS evidenced-based guidelines)
- Strategies to match learner’s scope of practice, designing curriculum to target learner’s practice-based needs, and intent to validate improvement in physician’s competence and performance
- Building a team of faculty recognized as current experts in the field
- Feedback from faculty and learners regarding current scope of practice, identified educational goals, and known learning potential
- Compilation of past course evaluative data
- Documented best practices, evidenced-based medicine, and desirable physician attributes by recognized Orthopaedic entities
- Professional expertise and interactions of course chairman and faculty to include:
  - Attendance at other meetings including AAOS, ASES, AANA, ISAKOS, Nice Shoulder Course and other National and International meetings
  - Information from the American Academy of Orthopaedic Surgeons, the American Board of Orthopaedic Surgeons, and other orthopaedic resources.

The goal of San Diego Shoulder Institute is to offer a premier course, to implement an approach to continual educational improvement, and to impact the competence and performance of our learners. If you have any recommendations for course improvement, we welcome your input.

Sincerely,

James C. Esch, M.D., SDSI President and C.E.O
Jon “J.P.” Warner, M.D., SDSI Board Member

Program Chairmen
Larky Blunck R.N.

Chief Operating Officer
Commercial Support

San Diego Shoulder Institute (SDSI) is committed to presenting CME activities that promote improvements or quality in healthcare and are independent of the control of commercial interests. Commercial support is defined as financial, or in-kind, contributions given by a commercial interest and used to pay all or part of the costs of a CME activity. The source of all support from commercial interests is disclosed in a handout included in course materials. SDSI makes all decisions regarding use and disbursement of commercial support in compliance with the Accreditation Council for Continuing Medical Education’s (ACCME) Standards for Commercial Support, the American Medical Association’s (AMA) ethical opinion on gifts to physicians, AdvaMed and PharMa standards, and other regulatory standards.

Faculty Disclosure of Relevant Financial Relationships

SDSI requires all faculty members to disclose all relevant financial relationships with any commercial interest(s). Disclosure includes documentation of any relevant financial interests within the past 12 months, the name of the commercial interest, and the nature of the relationship. This information is disclosed in the form of a slide prior to each lecture presentation and in the course syllabus. The information also lists those individuals with no financial relationships to disclose. All conflicts of interest potentially impacting educational content have been resolved prior to this course.

Accommodations for Individuals with Disabilities

San Diego Shoulder Institute complies with the Americans with Disabilities Act. Should you need any special assistance, please contact a member of our staff at 760-940-2066 or sdsi_info@shoulder.com. Every reasonable effort will be made to accommodate your needs.

San Diego Shoulder Institute is an approved International Society of Arthroscopy, Knee Surgery, and Orthopaedic Sports Medicine (ISAKOS) Teaching Center. Please notify our registration staff if you are interested in completing an ISAKOS evaluation form or obtaining ISAKOS certification for this course.
San Diego Shoulder Institute recognizes that you are a life-long learner who has chosen to engage in continuing medical education to identify or fill a gap in knowledge, skill, or performance. As part of San Diego Shoulder Institute’s duty to you as a learner, you have the right to expect that your continuing medical education experience with San Diego Shoulder Institute includes:

- **Content that:**
  - Promotes improvements or quality in healthcare;
  - Is valid, reliable, and accurate;
  - Offers balanced presentations that are free of commercial bias for or against a product/service;
  - Is vetted through a process that resolves any conflicts of interests of planners, teachers, or authors;
  - Is driven and based on learning needs, not commercial interests;
  - Addresses the stated objectives or purpose; and
  - Is evaluated for its effectiveness in meeting the identified educational need.

- **A learning environment that:**
  - Supports learners’ ability to meet their individual needs;
  - Respects and attends to any special needs of the learners;
  - Respects the diversity of groups of learners; and
  - Is free of promotional, commercial, and/or sales activities.

- **Disclosure of:**
  - Relevant financial relationships planners, teachers, and authors have with commercial interests related to the content of the activity; and
  - Commercial support (funding or in-kind resources) of the activity.
WEDNESDAY | JUNE 14, 2017

Registration opens Tuesday, June 13, 2017: 3:00 – 6:00pm - Hilton Foyer
6:30am – 6:00pm Course Registration
7:00am – 8:00am Visit Exhibits - Continental Breakfast

LAB SESSIONS

Arthroscopy: Opening Lectures  Indigo Lecture Hall
Director: Jonathan Ticker, M.D.
Moderator: Jonathan Ticker, M.D.

<table>
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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>7:45</td>
<td>Lecture Series: Arthroscopy: Key Concepts to Enhance Your Skills</td>
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| 8:00  | Essential Considerations: Optimizing Your Arthroscopic Set Up  
      | Scott Trenhaile, M.D.                                  |
| 8:15  | A Systematic Approach to Arthroscopy: The Big Picture  
      | Jonathan Ticker, M.D.                                  |
| 8:30  | The Basics for Labrum Repair  
      | Mark Getelman, M.D.                                    |
| 8:45  | Essential Considerations for Rotator Cuff Repair  
      | Patrick Denard, M.D.                                   |
| 9:00  | Focus Demonstrations Using Realistic Shoulder Models:  
      | Labrum Repair | Don Buford, M.D.                                      |
| 9:15  | Single Row Repair | Mark Getelman, M.D.                                  |
| 9:30  | Double Row Repair | Stephen Burkhart, M.D.                               |
| 9:45  | SCR | Scott Trenhaile, M.D.                               |
| 9:45  | Biceps Tendonosis | Seth Gamradt, M.D.                                   |

Break-Out Sessions: Enhancing Your Skills:
Interactive Practicum Using Realistic Shoulder Models
10:15 – 11:15am and 11:25am – 12:25pm
(Note: To increase exposure, attendees may register for 2 sessions)

INDIGO LEVEL

Arthrex:  Stephen Burkhart, M.D., Tal David, M.D., Patrick Denard, M.D., Markus Scheibel, M.D., Eric Stark, M.D.
ConMed:   Don Buford, M.D., Joseph Burns, M.D., Marc Labbé, M.D., Jovan Laskovski, M.D.
DePuy Synthes Mitek Sports Medicine:  
William Ciccone, M.D., Mark Getelman, M.D., Frank Petriglano, M.D.
Smith & Nephew:  
Gregory Alberton, M.D., Larry Field, M.D., Scott Trenhaile, M.D.
Zimmer Biomet:  
Gregory Carolan, M.D., Seth Gamradt, M.D.

Cadaver Total Shoulder/Reverse Total Shoulder Small Group Laboratory
Exclusive Personalized Instructional Cadaver (EPIC) Laboratories
(Room 310: Lectures  Aqua Salon: Lab)

Shoulder Arthroplasty Basics: Opening Lectures  Moderator: Ronald Navarro, M.D.

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<tr>
<th>Time</th>
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| 8:00  | The Evolving Role of Preoperative Planning – Why Is This Essential?  
      | George Athwal, M.D.                          |
| 8:15  | The Keys to a Perfect View: Steps for Exposure Including  
      | Tips for Dealing with Difficult Problems  
      | Laurence Higgins, M.D.                      |
| 8:30  | Revision Arthroplasty: What I’ve Learned to  
      | Do to Make This Less Painful for You and Your Patient  
      | Joseph Zuckerman, M.D.                      |
| 8:45  | Surgical Improvisation When You Have to Change Your Plan  
      | Lawrence Gulotta, M.D.                      |
| 9:00  | Final Thoughts on Optimizing Your Lab Experience  
      | Ronald Navarro, M.D.                        |
**WEDNESDAY** Continued

**Cadaver Laboratory: Individualized instruction in Arthroplasty/Reverse Arthroplasty (Session Includes Exclusive Personalized Instruction (EPIC) Cadaver Laboratory opportunities)**

| Labs: 9:15 am – 11:45 am | Lab Director: William Stetson, M.D.  
| | Co-Director: Darius Moezzi, M.D. |

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<tr>
<td><strong>Arthrex:</strong></td>
<td>Laurence Higgins, M.D., Anthony A. Romeo, M.D.</td>
<td>Evan Lederman, M.D., Andrew Hartman, M.D., Bradford Parsons, M.D., Matthew Provencher, M.D.</td>
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<td><strong>DePuy Synthes:</strong></td>
<td>John Costouros, M.D., Eric Ricchetti, M.D.</td>
<td>Shariff K. Bishai, D.O., Russell Petrie, M.D., Peter Veziris, M.D., Benjamin Widmer, M.D.</td>
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<td><strong>DJO:</strong></td>
<td>Mark A. Frankie, M.D., Patrick St. Pierre, M.D., Eric Ricchetti, M.D.</td>
<td>Ben Dubois, M.D., Jonathan Levy, M.D.</td>
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<td><strong>Exactech:</strong></td>
<td>Sean Grey, M.D., Joseph Zuckerman, M.D.</td>
<td>Emilie Cheung, M.D., Ron Navarro, M.D., Howard Routman, M.D.</td>
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<td><strong>FH Orthopedics:</strong></td>
<td>Philippe Valenti, M.D.</td>
<td>Reza Omid, M.D.</td>
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<td><strong>Integra:</strong></td>
<td>Joaquim Sanchez-Sotelo, M.D.</td>
<td>Mark Mighell, M.D., Stefan Tolan, M.D.</td>
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<td><strong>Stryker:</strong></td>
<td>George Athwal, M.D., Jon “J.P.” Warner, M.D.</td>
<td>Heinz Hoenecke, M.D., Alexandre Ladermann, M.D., Tom Norris, M.D., Mark Schrumpf, M.D.</td>
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<td><strong>Zimmer Biomet:</strong></td>
<td>Lawrence Gulotta, M.D., Tim Harthorn, M.D.</td>
<td>Bryan Leek, M.D., Erich Lingenfelter, M.D., Thomas Throckmorton, M.D., Ed Yian, M.D.</td>
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11:45am **Lab ends**

12:00 – 1:00 **Visit Exhibits | Lunch | Refreshments**

**TOTAL SHOULDER & FRACTURE FIXATION EQUIPMENT WORKSHOP**

7:30pm – 9:00pm | Indigo Foyer  
Open session: Pre-Registration is not required

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### LECTURES

#### Arthroplasty

**Moderator: Joseph Zuckerman, M.D.**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>1:00</td>
<td>Welcome: SDSI 2017</td>
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<tr>
<td></td>
<td>James C. Esch, M.D.</td>
</tr>
<tr>
<td>1:10</td>
<td>Arthroplasty Session Overview</td>
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<td></td>
<td>Joseph Zuckerman, M.D.</td>
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</table>

#### Case Presentation: 1:15 – 1:19

**Moderator: Joseph Zuckerman, M.D.**

The young patient with OA: What to do?

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>1:19</td>
<td>Arthroscopic Debridement Alone or with Resurfacing: How is the Evidence and How I Do it?</td>
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<tr>
<td></td>
<td>Felix Savoie, M.D.</td>
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<tr>
<td>1:25</td>
<td>The Role of Hemiarthroplasty Alone: There is Still a Role!</td>
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<td>Sumant “Butch” Krishnan, M.D.</td>
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<td>1:31</td>
<td>TSA: The Evidence for Survival is Clear</td>
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<td>Robert Cofield, M.D.</td>
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<td>1:37</td>
<td>Stemless TSA will be his Best Chance for Longevity and Future Revision Needs</td>
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<td></td>
<td>Markus Scheibel, M.D.</td>
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<tr>
<td>1:43</td>
<td>Short Stem Selection is the Best Approach</td>
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<td>Anthony Romeo, M.D.</td>
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<td>1:49</td>
<td>Panel Discussion with Audience Participation: Case Outcome: Young Patient with OA</td>
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<td></td>
<td>Joseph Zuckerman, M.D.</td>
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<td>PANEL: Cofield</td>
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#### Case Presentation: 2:10 – 2:14

**Moderator: Joaquin Sanchez-Sotelo, M.D.**

Presentation and Workup of an Infected TSA

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>2:14</td>
<td>How to Avoid this in the First Place: Using Registry Data as Evidence</td>
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<td>Ed Yian, M.D.</td>
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<td>2:20</td>
<td>Considerations of Antibiotic Cement Spacers: Clinical Applications and Decisions</td>
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<td>Evan Lederman, M.D.</td>
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<td>2:26</td>
<td>One Stage Revision</td>
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<td>Mark Frankle, M.D.</td>
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<td>2:32</td>
<td>Two Stage Revision</td>
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<td>Joseph Zuckerman, M.D.</td>
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<tr>
<td>2:38</td>
<td>Panel Discussion with Audience Participation: Case Outcome: Infected TSA</td>
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<tr>
<td></td>
<td>Joaquin Sanchez-Sotelo, M.D.</td>
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<td>PANEL: Frankle</td>
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</table>

**3:00 – 3:40pm**  
Visit Exhibits | Refreshments
WEDNESDAY Continued

Arthroplasty Session: B-2 Glenoid: What to Do to Improve Outcomes?  
Moderator: George Athwal, M.D.

Case Presentation: 3:40 – 3:44  
Moderator: George Athwal, M.D.
50-60 year old with a B-2 Glenoid

3:44  
My Solution is with PSI  
Jon “J.P.” Warner, M.D.

3:50  
What’s all the Fuss about? No PSI needed & Modularity is Not Important  
Robert Cofield, M.D.

3:56  
Have You Considered Glenoid Augmentation?  
Eric Ricchetti, M.D.

4:02  
Reverse Would be My Solution  
Alexandre Lademann, M.D.

4:08  
Biomechanical Considerations  
Howard Routman, M.D.

4:14  
Panel Discussion with Audience Participation:  
Case Outcome: 50-60 year old with a B-2 Glenoid  
George Athwal, M.D.  

Panel: Cofield | Lademann | Ricchetti | Routman | Warner

Reverse Arthroplasty Session  
Moderator: Laurence Higgins, M.D.

KNOWLEDGE GAP: Severe Glenoid Deformity and the RSP

Case Presentation: 4:30 – 4:34  
Moderator: Jon “J.P.” Warner, M.D.
Severe glenoid deformity with RCTA

4:34  
How Do I Minimize Notching and Optimize Stability in this Case?  
Mark Frankle, M.D.

4:40  
What is the Limit to Use of Reverse Prosthesis in This and Other Challenging Cases?  
Joaquin Sanchez-Sotelo, M.D.

4:46  
Asymmetric Baseplate Solves Most Problems  
Sean Grey, M.D.

4:52  
Panel Discussion with Audience Participation:  
Case Outcome: Severe Glenoid Deformity with RCTA  
Jon “J.P.” Warner, M.D.  

Panel: Frankle | Grey | Sanchez-Sotelo

KNOWLEDGE GAP: The Failed Reverse: How to Treat it and How to Avoid It

Case Presentation: 5:10 – 5:14  
Moderator: Laurence Higgins, M.D.
Failed Reverse Prosthesis

5:14  
My Approach Overall and Specific to this Case  
Mark Frankle, M.D.

5:20  
My Solution Overall and the French Experience with 10 Year Survival  
Jon “J.P.” Warner, M.D.

5:26  
What if the Patient has Marked Loss of ER?  
Philippe Valenti, M.D.

5:32  
Panel Discussion with Audience Participation:  
Case Outcome: Failed Reverse Prosthesis  
Laurence Higgins, M.D.  

Panel: Frankle | Valenti | Warner

Chairmen’s Reception Exhibit Area 6:00pm – 7:30pm  
Network with SDSI’s Board of Directors and our faculty  
Light dinner will be served along with beer and wine
THURSDAY | JUNE 15, 2017

Moderator: Jonathan Ticker, M.D.
GAP IN KNOWLEDGE: Rotator Cuff Tear and Biceps Disease

Case Presentation: 8:00 – 8:04
Moderator: Jonathan Ticker, M.D.
Patient with a Medium Size Tear Involving Supraspinatus and with Biceps Symptoms

8:04  The Case for Double Row Repair
Brian Cole, M.D.
8:10  The Case for Single Row Repair
Mark Getelman, M.D.
8:16  How I Do a Biceps Tenodesis: All Arthroscopic
Stephen Burkhart, M.D.
8:22  How I Do a Biceps Tenodesis: Subpectoral
Anthony Romeo, M.D.
8:28  Just Do a Biceps Tenotomy and Get On With the Cuff
Felix Savoie, M.D.
8:34  Panel Discussion with Audience Participation:
Case Conclusion: Patient with a Medium Size Tear Involving Supraspinatus and with Biceps Symptoms
Jonathan Ticker, M.D.
PANEL: Burkhart | Cole | Getelman | Romeo | Savoie

GAP IN KNOWLEDGE: Partial Thickness Rotator Cuff Tear
Moderator: Richard K.N. Ryu, M.D.

Case Presentation: 9:00 – 9:04
Moderator: Lawrence Gulotta, M.D.
Partial Thickness RCT-Bursal or articular

9:04  PASTA Repair is All That is Needed With or Without Acromioplasty?
Larry Field, M.D.
9:10  Take Down and Direct Repair of the Partial Tear is Better
Richard K.N. Ryu, M.D.
9:16  Panel Discussion with Audience Participation:
Case Conclusion: Partial Thickness RCT-Bursal or articular
Lawrence Gulotta, M.D.
PANEL: Field | Ryu

9:30 – 10:15  Visit Exhibits | Refreshments

Moderator: Joseph Zuckerman, M.D.
GAP IN KNOWLEDGE: Massive RCT

Case Presentation: 10:15 – 10:19
Moderator: Joseph Zuckerman, M.D.
Massive Rotator Cuff Tear

10:19  Keynote Lecture: The Mayo Experience with Open Repair
Robert Cofield, M.D.
10:35  How I Determine If it is Repairable and How I Fix It
Stephen Burkhart, M.D.
10:41  Panel Discussion with Audience Participation:
Case Conclusion: Massive Rotator Cuff Tear
Joseph Zuckerman, M.D.
PANEL: Burkhart | Cofield
GAP IN KNOWLEDGE:
Science Transforms Science Fiction Into Reality for Cuff Treatment
Moderator: Asheesh Bedi, M.D.

11:00 Keynote: “Basic Science Rationale for Current Treatment Options in Cuff Tendinopathy: Why Nothing Works All the Time”
Steven Arnoczky, DVM

11:15 Panel Discussion:
Cuff Treatment Options
Brain Cole, M.D.

Panel: Arnoczky | Bedi | Field | Routman | Scheibel

11:35 Keynote: “The Next Horizon of Tendon Healing”
Steven Arnoczky, DVM

12:00 – 1:30pm Company Sponsored Luncheon Workshops. Excellent faculty. Lunch provided. Limited Registration! Sign up on our website early to secure your place.

OR 12:00 – 1:30pm (in lieu of attending workshop session): Lunch on your own.

1:30 – 2:00pm Visit Exhibits | Refreshments

Rotator Cuff Part III  Moderator: Jon “J.P.” Warner, M.D.
GAP IN KNOWLEDGE: Irreparable RCT & Subscapularis

Case Presentation: 2:00 - 2:04  Moderator: Jon “J.P.” Warner, M.D.
Posterosuperior Irreparable RCT (Involves Supra & Infraspinatus and also Teres Minor)

2:04 I Will Repair and This is Usually Sufficient
Stephen Burkhardt, M.D.

2:10 I Will Do a Patch Graft
Asheesh Bedi, M.D.

2:16 I Will Do an Arthroscopic Latissimus dorsi Transfer
Philippe Valenti, M.D.

2:22 I Will Do a Lower Trapezius Transfer
Bassem Elhassan, M.D.

2:28 Biomechanical Rationale for SCR
Thay Lee, PhD

2:34 SCR Really Works and Here is How I Do It (Focused Demo)
Patrick Denard, M.D.

2:54 Panel Discussion with Audience Participation:
Case Conclusion & Discussion
Jon “J.P.” Warner, M.D.

Panel: Bedi | Burkhardt | Denard | Elhassan | Lee | Valenti
THURSDAY Continued

GAP IN KNOWLEDGE: Complete Supraspinatus Tendon Tear
Case Presentation: 3:10 – 3:14
Complete Subscapularis Tendon Tear

Moderator: Anthony Romeo, M.D.
Moderator: Markus Scheibel, M.D.

3:14 A Case to do This Arthroscopically
Laurence Higgins, M.D.

3:20 A Case to do This Open
Nikhil Verma, M.D.

3:26 What if it is Irreparable? How to Tell in Advance and Best Treatment
Bassem Elhassan, M.D.

3:32 Panel Discussion with Audience Participation:
Case Conclusion: Complete Subscapularis Tendon Tear
Anthony Romeo, M.D.
PANEL: Elhassan | Higgins | Scheibel | Verma

3:55 – 4:15pm Visit Exhibits | Refreshments

Instability
GAPS IN KNOWLEDGE: Recurrent Traumatic Anterior Instability in the Young Athlete
Case Presentation: 4:15 - 4:19
Athlete with Recurrent Traumatic Instability with Minimal Bone Loss

Moderator: Matthew Provencher, M.D.

4:19 Arthroscopic Bankart Works with a High Degree of Reliability:
Steps for Success
Matthew Provencher, M.D.

4:25 Open Latarjet is the Most Reliable Method
Nikhil Verma, M.D.

4:31 Arthroscopic Latarjet Works Best
George Athwal, M.D.

4:37 The Learning Curve is Very Steep for Arthroscopic Latarjet
Alexandre Ladermann, M.D.

4:43 Panel Discussion with Audience Participation:
Case Outcome: Athlete with Recurrent Traumatic Instability with Minimal Bone Loss
Matthew Provencher, M.D.
PANEL: Athwal | Cole | Ladermann | Verma

GAP IN KNOWLEDGE: Posterior & Inferior MDI...What is it and How to Treat it?
Case Presentation: 5:00 – 5:04
Patient with Recurrent Posterior Instability with Significant Inferior Laxity
With or Without a Labrum Tear

Moderator: Jeffrey Abrams, M.D.

5:04 How Do I Evaluate this Patient and Decide What is Best Before Going to the Operating Room?
Scott Trenhaile, M.D.

5:10 Open Posterior-Inferior Capsular Shift with Graft Augmentation is Best
Matthew Provencher, M.D.

5:16 Arthroscopic Posterior-Inferior Capsular Shift Gives Durable Results
Felix Savoie, M.D.

5:22 Panel Discussion with Audience Participation:
Case Outcome: Patient with Recurrent Posterior Instability
Jeffrey Abrams, M.D.
PANEL: Provencher | Savoie | Trenhaile

6:00 – 7:30pm Company Sponsored Dinner with Focus Demonstration.
FRIDAY | JUNE 16, 2017

6:45am – 5:30pm Registration
6:45am – 7:30am Continental Breakfast

Cadaveric Labs: Arthroscopy
   (Cuff Repair, Instability, Biceps Repair) 7:30 – 11:00am
EPIC LAB: Arthroscopy or Arthroplasty (Registrant Choice) 8:00 – 9:30am

AQUA SALON
   Director: William Stetson, M.D. | Co-Director: Darius Moezzi, M.D.

Arthrex:
   EPIC: Matthew Provencher, M.D., Anthony Romeo, M.D.
   LAB: Brian Cole, M.D., Tal David, M.D., Andrew Hartman, M.D., Laurence Higgins, M.D.
ConMed:
   EPIC: Jeffrey Abrams, M.D., Don Buford, M.D., Stephen Snyder, M.D.
   LAB: Joseph Burns, M.D., Marc Labbé, M.D., Jovan Laskovski, M.D.
DePuy Synthes:
   EPIC: Shariff K. Bishai, D.O., Mark Getelman, M.D., Benjamin Widmer, M.D.
   LAB: William Ciccone, M.D., Peter Vezeridis, M.D.
DJO:
   EPIC: Mark Frankle, M.D., Jonathan Levy, M.D., Eric Ricchetti, M.D., Patrick St. Pierre, M.D.
Exactech:
   EPIC: Sean Grey, M.D, Howard Routman, M.D., Felix Savoie, M.D.
S&N:
   EPIC: Larry Field, M.D, Scott Trenhaile, M.D., Nikhil Verma, M.D.
   LAB: Greg Alberton, M.D., Erik Stark, M.D.
Stryker:
   EPIC: Joaquin Sanchez-Sotelo, M.D.
   LAB: Stefan Tolan, M.D.
Wright:
   EPIC: Sumant “Butch” Krishnan, M.D., Jon “J.P.” Warner, M.D.
Zimmer Biomet:
   LAB: Gregory Carolan, M.D., Tim Hartshorn, M.D., Ed Yian, M.D.

EPIC LAB: Arthroscopy or Arthroplasty (Registrant Choice)
2:00 – 3:30pm

AQUA SALON
   Director: William Stetson, M.D. | Co-Director: Darius Moezzi, M.D.

Arthrex:
   EPIC: Laurence Higgins, M.D., Evan Lederman, M.D.
ConMed:
   EPIC: Jeffrey Abrams, M.D., Don Buford, M.D.
DePuy Synthes:
   EPIC: Shariff K. Bishai, D.O., Benjamin Widmer, M.D.
DJO:
   EPIC: Jonathan Levy, M.D., Patrick St. Pierre, M.D.
Exactech:
   EPIC: Sean Grey, M.D, Howard Routman, M.D.
S&N:
   EPIC: Philippe Valenti, M.D.
   LAB: Scott Trenhaile, M.D., Nikhil Verma, M.D.
Stryker:
   EPIC: Joaquin Sanchez-Sotelo, M.D., Stefan Tolan, M.D.
   LAB: Tom Norris, M.D., Mark Schrumpf, M.D.
Wright:
   EPIC: Sumant “Butch” Krishnan, M.D., Jon “J.P.” Warner, M.D.
Zimmer Biomet:
   LAB: Gregory Carolan, M.D., Tim Hartshorn, M.D.
FRIDAY Continued

Evaluation and Treatment of the Throwing Shoulder

Bus leaves outside north entrance lower level lobby at 8:15am
NOTE: ALL REGISTRANTS MUST BE ON BUS to gain access for this session!
Session: 8:30am - 12:00pm:
The purpose of this session is to: 1) Develop strategies to assess and manage the throwing athlete from a physician, trainer, therapist, coach, and athlete perspective. 2) Dissect the mechanics of pitching to identify potential errors that affect durability or lead to injury 3) Identify and document key components of an individual’s pitching style via use of an innovative pitching assessment tool.

Join Heniz Hoenecke, M.D., retired Padres Head Physician, Catherine Robertson, M.D. Padres Head Physician, Trevor Hoffman, Pitching Coach and Hall of Champions Candidate, Chuck Thigippen, PhD, P.T., Research Scientist and Physical Therapist for the Colorado Rockies and Kansas City Royals, and other therapists, trainers, and athletes. This session includes a tour of the Padre training room, a didactic session in the Padres Clubhouse, and an interactive informative on the field demonstration of throwing mechanics. Return to the clubhouse to review integration of a pitching assessment tool. Learn essential components of a hip examination associated with a throwing injury, PRB and UCL injuries on the MLB database, throwing shoulder mechanics, trainer and therapy recommendations for evaluation and treatment, and the benefits of video analysis.

Special Dynamic Break-Out Sessions:

These customized sessions are specifically designed to allow participants to achieve individualized learning goals. Held in small-group settings, our expert faculty lead discussions and present specific information regarding high-end practice, tips and pearls to improve practice and prevent complications, and strategies to handle difficult cases. The sessions are dynamic and interactive.

7:30 – 9:30am  Proximal Humerus Fractures  Director: Bradford Parsons, M.D.
7:30 – 9:30am  Joint Preservation for Massive Rotator Cuff Tears  Director: Patrick Denard, M.D.

9:30 – 10:00am  Visit Exhibits (Final chance to visit our Vendors)  Refreshments

10:00am – 12:00pm  Tips for Reverse Shoulder Arthroplasty  Mark Frankle, M.D., Lawrence Gulotta, M.D., Sean Grey, M.D., Sumant “Butch” Krishnan, M.D.
10:00am – 12:00pm  Controversies in Instability  Asheesh Bedi, M.D., Felix Savoie, M.D., Scott Trenhaile, M.D.
10:00am – 12:00pm  Choosing the Right Humeral Stem: Does Length or Convertibility Matter?  Director: Patrick Denard, M.D.
10:00  A long stem is the Gold Standard: Robert Cofield, M.D.
10:15  A short Revisable Stem is Ideal: Evan Lederman, M.D.
10:30  Convertibility is the Key: Howard Routman, M.D.
10:45  Stemless is the Future: Markus Scheibel, M.D.
Panel Discussion and Audience Questions: Patrick Denard, M.D.
FRIDAY  Continued

10:00am – 12:00pm

Latarjet Technique: FOCUS DEMONSTRATION:
Arthroscopic & Open:
  10:00  Open Technique, Why I Abandoned Arthroscopic Latarjet: Alexandre Ladermann, M.D.
  10:15  Open Latarjet Focus Demonstration: Anthony Romeo, M.D.
  10:45  Arthroscopic Technique: Arthroscopy is the Future: Mark Getelman, M.D.
  11:00  Arthroscopic Technique Demonstration: George Athwal, M.D., Joaquin Sanchez-Sotelo, M.D. assisting

12:15 – 1:45pm  Company Sponsored Luncheon Workshops.
                 Excellent faculty.
                 Lunch provided. Limited Registration!
                 Sign up on our website early to secure your place.

OR 12:00 – 2:00pm (in lieu of attending workshop session): Lunch on your own.

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2:00 – 4:00pm  Mini-Executive Fellowship: Rotator Cuff Repair
Using the SCOI ROW TECHNIQUE
Stephen Snyder, M.D., Joseph Burns, M.D., Gregory Loren, M.D.
You will be required to bring your own current laptop to this session.

2:00 – 4:00pm  Patient Specific Instrumentation and Planning
Mark Frankle, M.D., Lawrence Gulotta, M.D., Eric Ricchetti, M.D.,
Anthony Romeo, M.D., Jon “J.P.” Warner, M.D.

2:00 – 4:00pm  Massive Cuff Tear Options and SCR FOCUS DEMONSTRATION:
  2:00: Repair vs. SCR: When and How: Patrick Denard, M.D.
  2:45: SCR Focus Demonstration
     (includes commentary and audience Q&A):
     Stephen Burkhart, M.D.

2:00 – 4:00pm  Essential Steps to Determine Primary Pathology:
  Test Your Expertise: Featuring A “Live” patient examination.
  Includes: History, Examination, Therapy Interventions,
  Imaging and Surgical Planning for two “mystery” patients.
  Moderator: Provencehcer/McDonald
  Panel: Jason McMillian, PT | Michael Gibson, M.D. (Radiologist
        MSK) | Luke McDonald, M.D. |
        Mike Rosenthal, DPT | Larry Field, M.D. |
        Chuck Thigpen, PhD, PT

2:00 – 5:30pm  ASES Fellow Paper Presentations:
  Moderator: Felix Savoie, M.D.
SATURDAY | JUNE 17, 2017

7:00am – 1:30pm Registration
7:00am – 8:00am Continental Breakfast

Using Data to Improve Outcomes  
Moderator: Jon “J.P.” Warner, M.D.

8:00  
Keynote Lecture: The Mayo Shoulder Arthroplasty Registry: What Have We Learned That Works and What Does Not?  
Robert Cofield, M.D.

8:20  
The Kaiser Permanente Shoulder Arthroplasty Registry: What I Now Know that I did Not Before and How This has Made me a Better Shoulder Surgeon  
Ed Yian, M.D.

8:35  
Using Your Data for Systematic Improvement: Codman’s Methodology  
Laurence Higgins, M.D.

8:45  
What I’ve Learned from Patient Recorded Outcomes Measures (PROM’s)  
Patrick Denard, M.D.

8:55  
Panel Discussion with Audience Participation  
Jon “J.P.” Warner, M.D.  
Panel: Cofield | Denard | Higgins | Yian

GAPS IN KNOWLEDGE: Trauma & Miscellaneous Soft-Tissue Injuries  
Moderator: Sumant “Butch” Krishnan, M.D.

Case Presentation: 9:20 – 9:24
3 or 4 part Proximal Humerus Fracture

9:24  
The Case for ORIF - Plate  
Seth Gamradt, M.D.

9:30  
Management of Failed Proximal Humerus Fixation  
Bradford Parsons, M.D.

9:36  
The Case for Hemiarthroplasty  
Sumant “Butch” Krishnan, M.D.

9:42  
The Case for 3 Dimensional Intramedullary Support  
Patrick St. Pierre, M.D.

9:48  
The Case for Immediate Reverse Prosthesis  
John Costouros, M.D.

9:54  
Panel Discussion with Audience Participation: Proximal Humerus Fractures  
Sumant “Butch” Krishnan, M.D.  
Panel: Costouros | Gamradt | Parsons | St. Pierre

10:15 – 10:45am  
Break | Refreshments

10:45  
Recognition of ASES Fellows  
Esch | Warner | Savoie

GAPS IN KNOWLEDGE: A.C. Joint and Clavicle Fractures  
Moderator: Felix Savoie, M.D.

10:55  
Distal Clavicle Fractures – When and When Not To and How to Operate  
Laurence Gulotta, M.D.

11:01  
Midshaft Clavicle – What is the Evidence for ORIF & How Should We Fix It?  
Emilie Cheung, M.D.

11:07  
A.C. Joint Dislocation – Who Needs Surgery and What Do They Need?  
Larry Field, M.D.

11:13  
Panel Discussion with Audience Participation  
Felix Savoie, M.D.  
Panel: Cheung | Field | Gulotta
11:28  
Pectoralis Major Injuries: When and How to Operate  
Matthew Provencher, M.D.

11:34  
Scapular Winging: How to Recognize and Treat It  
Bassem Elhassan, M.D.

11:40  
Suprascapular Neuropathy: Is it Real, Is it Rare, How is it Treated  
Jon “J.P.” Warner, M.D.

11:46  
Panel Discussion with Audience Participation  
Matthew Provencher, M.D.  
PANEL: Elhassan | Warner

12:00 – 1:00  
Session Overview  
Jon “J.P.” Warner, M.D.

Independent table workshops: Roam between our expert faculty to discuss your most pressing case-related questions. Our faculty will also have specific topic-related cases prepared for dynamic discussion.

Table 1: Gulotta | Burns  
Table 2: Krishnan | Gamradt  
Table 3: Burkhart  
Table 4: St. Pierre | Ladermann  
Table 5: Grey | Ricchetti  
Table 6: Savoie | Scheibel  
Table 7: Costouros  
Table 8: Sanchez-Sotelo | Elhassan  
Table 9: Higgins  
Table 10: Parsons | Tolan  
Table 11: Getelman | Widmer  
Table 12: Labbé  
Table 13: Provencher  
Table 14: Field | Schrumpf  
Table 15: Laskovski | Hoenecke  
Table 16: Warner | Cheung  
Table 17: Athwal | Yian  
Table 18: Snyder | Carolan  
Table 19: Verma | Hartshorn  
Table 20: Denard  
Table 21: Frankie | Valenti  
Table 22: Routman  
Table 23: Alberton | Bishai  
Table 24: Vezeridis  
Table 25: Bedi | Ciccone

1:00 – 1:10  
Closing course comments – Esch | Warner

1:10  
Adjourn – See you next year – June 20-23, 2018
James C. Esch, M.D.  
Voluntary Clinical Professor  
Department of Orthopaedics  
University of California, San Diego, School of Medicine  
San Diego Shoulder Institute, President and CEO  
Oceanside, CA

Jon J.P. Warner, M.D.  
Lecture Faculty  
Harvard Medical School  
Chief of Shoulder Service and Professor Massachusetts General Hospital  
San Diego Shoulder Institute, Board Member  
Boston, MA

Gregory Alberton, M.D.  
Sharp Rees-Stealy Medical Group  
San Diego Shoulder Institute, Board Member  
San Diego, CA

Stephan S. Burkhart, M.D.  
Lecture Faculty  
Clinical Assistant Professor of Orthopaedic Surgery  
University of Texas Health Science Center  
San Diego Shoulder Institute, Board Member  
San Antonio, TX

Matthew Provencher, M.D.  
Lecture Faculty  
The Steadman Clinic  
Steadman Philippon Research Institute  
San Diego Shoulder Institute, Board Member  
Vail, CO

Felix H. Savioe III, M.D.  
Lecture Faculty  
Lee Schlesinger Professor of Shoulder, Elbow, Sports Surgery  
Tulane University New Orleans, LA  
Academic practice  
San Diego Shoulder Institute, Board Member  
New Orleans, LA

Stephen J. Snyder, M.D.  
Lecture Faculty  
Director CLASroom at SCOI  
Southern California Orthopaedic Institute  
San Diego Shoulder Institute, Board Member  
Van Nuys, CA

Patrick J. Denard, M.D.  
Southern Oregon Orthopaedics  
Medford, OR

Ronald Navarro, M.D.  
Kaiser Permanente South Bay Medical Center  
Harbor City, CA

Mark Getelman, M.D.  
Co-Director, Sports Medicine Fellowship  
Southern California Orthopaedic Institute  
Van Nuys, CA

Jonathan Ticker, M.D.  
Orlin and Cohen Orthopaedic Group  
Rockville Centre, NY

Jeffrey S. Abrams, M.D.  
Medical Director, Princeton Orthopaedic and Rehabilitative Associates, Attending Surgeon University Medical Center of Princeton, and Clinical Professor Seton Hall University, School of Graduate Medicine  
Princeton, NJ

Steven Arnoczky, DVM  
Wade O. Brinker Endowed Professor of Veterinary Surgery  
Director, Laboratory for Comparative Orthopaedic Research  
Professor of Orthopaedic Surgery, College of Human Medicine  
Professor of Surgery, College of Osteopathic Medicine  
East Lansing, MI
George Athwal, M.D.
Roth/McFarlane Hand and Limb Centre
St. Joseph’s Health Centre
London, Ontario, Canada

Asheesh Bedi, M.D.
Assistant Professor, Sports Medicine
University of Michigan Health System
Ann Arbor, MI

Don A. Buford, Jr., M.D.
Sports Medicine Clinic of North Texas
Baylor University Medical Center, Dallas
Dallas, TX

Emilie Cheung, M.D.
Associate Professor and Chief of Shoulder Elbow Service, Stanford University
Stanford, CA

Robert Cofield, M.D.
Mayo Clinic
Rochester, NY

Brian Cole, M.D., MBA
Professor, Department of Orthopaedics, Department of Anatomy and Cell Biology; Section Head, Cartilage Restoration Center at Rush, Rush University Medical Center
Team Physician, Chicago Bulls and Chicago White Socks
Chicago, IL

John Costouros, M.D.
Assistant Professor
Stanford University
Redwood City, CA

Bassem Elhassan, M.D.
Mayo Clinic
Rochester, NY

Larry D. Field, M.D.
Director, Upper Extremity Service
Mississippi Sports Medicine
Jackson, MS

Mark A. Frankle, M.D.
Chief of Shoulder and Elbow Surgery
Florida Orthopaedic Institute
Tampa, FL

Seth Gamradt, M.D.
USC Keck Medical Center
Director of Orthopaedic Athletic Medicine for USC Athletics
Los Angeles, CA

Sean Grey, M.D.
Poudre Valley Hospital
Team Physician Colorado State University
Team Physician Colorado Eagles Hockey Orthopaedic Center of the Rockies
Fort Collins, CO

Lawrence Gulotta, M.D.
Hospital of Special Surgery
New York, NY

Laurence Higgins, M.D.
Brigham and Women’s Hospital
Boston, MA

Sumant "Butch" Krishnan, M.D.
Director, Shoulder Fellowship
Baylor University Medical Center
Dallas, TX

Alexandre Ladermann, M.D.
La Tour Hospital
Meyrin, Switzerland

Evan Lederman, M.D.
The Orthopedic Clinic Association, PC
Clinical Associate Professor Department of Orthopedic Surgery, University of Arizona
Head Team Physician, Phoenix Mercury WNBA
Phoenix, AZ

Thay Lee, PhD
Senior Research Career Scientist - VA Long Beach Healthcare System Professor and Vice Chairman for Research - Department of Orthopaedic Surgery Professor - Department of Biomedical Engineering
University of California Irvine
Long Beach, CA

Tom Norris, M.D.
California Pacific Medical Center
San Francisco, CA

Bradford Parsons, M.D.
Mount Sinai
Associate Professor Orthopaedics
New York, NY

Eric Ricchetti, M.D.
Cleveland Clinic
Cleveland, OH

Anthony A. Romeo, M.D.
Professor, Department of Orthopaedic Surgery
Director, Shoulder Service
Rush University Medical Center
Chicago, IL

Howard Routman, M.D.
Atlantis Orthopaedics
Palm Beach Gardens, FL
Richard K.N. Ryu, M.D.
Attending Surgeon
Ryu Hurvitz Orthopedic Clinic
Santa Barbara, CA

Joaquin Sanchez-Sotelo, M.D.
Professor of Orthopedics
Director, Adult Upper Extremity Reconstructive Fellowship Mayo Clinic
Rochester, MN

Markus Scheibel, M.D.
University Professor
Chief Physician Shoulder and Elbow Surgery
Center for Musculoskeletal Surgery (CMSC)
Charité - University Medicine Berlin
Berlin, Germany

Patrick St. Pierre, M.D.
Chief of Orthopaedic Surgery
Eisenhower Medical Center
Rancho Mirage, CA

Scott W. Trenhaile, M.D.
University of Illinois College of Medicine,
Assistant Clinical Professor
Rockford, IL

Philippe Valenti, M.D.
Institut de la Main
Paris, France

Nikhil N. Verma, M.D.
Assistant Professor, Rush University Medical Center
Chicago, IL

Ed Yian, M.D.
Kaiser Permanente
Anaheim, CA

Joseph Zuckerman, M.D.
Professor & Chairman Dept of Orthopaedic Surgery
NYU Hospital for Joint Diseases
NYU Langone Medical Center
New York, NY
San Diego, CA
Upper Pitching Coordinator
Retired Major League Player,
Hall of Champions Candidate
San Diego Padres

Joseph P. Burns, M.D.
Southern California Orthopedic Institute
Los Angeles, CA

Gregory F. Carolan, M.D.
Section Chief Orthopaedic Sports and Shoulder
Associate Residency Program Director
St. Luke’s University Health Network
Bethlehem, PA

William J. Ciccone II, M.D.
Sports Medicine and Shoulder Surgery
Cornerstone Orthopaedics
Wheat Ridge, CO

Tal David, M.D.
SportsMed Surgery
Head Team Physician, San Diego Chargers
Medical Director, San Diego Gulls
San Diego, CA

Ben Dubois, M.D.
Grossmont Orthopaedic Medical Group
San Diego, CA

Jan Fronek, M.D.
Scripps Clinic Medical Group
San Diego, CA

Michael Gibson, M.D., CRD
MCUSN Radiology
San Diego, CA

Andrew P. Hartman, M.D.
Orthopaedic Specialists of North County
Oceanside, CA

Tim Hartshorn, M.D.
Beach Cities Orthopedics & Sports Medicine
Manhattan Beach, CA

Heinz R. Hoenecke Jr., M.D.
Scripps Clinic Orthopaedics
San Diego, CA

Trevor Hoffman
Upper Pitching Coordinator
Retired Major League Player,
San Diego Padres
Hall of Champions Candidate
San Diego, CA

Todd Hutcheson, ATC
Head Trainer, Retired
San Diego Padres
San Diego, CA

San Diego, CA
Medical Director, San Diego Gulls

San Diego, CA
Head Team Physician, San Diego Chargers

Bethlehem, PA
Associate Residency Program Director

Scripps Clinic Orthopaedics

Beach Cities Orthopedics & Sports Medicine

Orthopaedic Specialists of North County

Grossmont Orthopaedic Medical Group

SportsMed Surgery

Flagstaff Bone and Joint Center

University of South Florida

St. Luke’s University Health Network

San Diego, CA

Clinical Instructor, Department of Orthopaedics
University of California, San Diego, School of Medicine

Clinical Instructor, Department of Orthopaedic Surgery,
Dartmouth, MA

Associated Orthopedists of Detroit
St. Clair Shores, MI

San Diego Padres

San Diego, CA

Matthew Kippe, M.D.
Hawthorne Medical Associates
Dartmouth, MA

Gail Kuwatani, P.T.
Supervisor Outpatient Sports and Physical Therapy
Scripps Health System
San Diego, CA

Marc Labbe’, M.D.
Sports Medicine & Arthroscopic Surgery
Bone & Joint Clinic of Houston
Houston, TX

Jovan Laskovski, M.D.
Crystal Clinic Orthopaedic Center
Akron, OH

Bryan Leek, M.D.
Scripps Memorial Center
Alvarado Hospital
San Diego, CA

Jonathan Levy, M.D.
Holy Cross Hospital
Fort Lauderdale, FL

Erich Lingenfelter, M.D.
Northland Bone and Joint
Kansas City, MO

Gregory J. Loren, M.D.
CORE Orthopaedic Medical Center
Team Physician, California State University San Marcos
Clinical Instructor, Department of Orthopaedics
University of California, San Diego, School of Medicine
Encinitas, CA

Luke McDonald, M.D., LCDR
MCUSN Orthopaedics
San Diego, CA

Jason McMillian, PT, CRD
MCUSN Orthopaedics
San Diego, CA

Mark Mighell, M.D.
University of South Florida
Temple Terrace, FL

Darius Moezzi, M.D.
Flagstaff Bone and Joint Center
Flagstaff, AZ

Jonathan J. Myer, M.D.
San Diego Sports Medicine and Orthopaedic Center
Clinical Instructor, Department of Orthopaedic Surgery,
University of California, San Diego School of Medicine
San Diego, CA
OTHER FACULTY INCLUDE (continued):

**Reza Omid, M.D.**
Assistant Professor  
University of Southern California, Department of Orthopaedic Surgery  
Los Angeles, CA

**Russell S. Petrie, M.D.**
Sports Medicine, Arthroscopic Surgery of the Knee and Shoulder  
Newport Orthopedic Center  
Newport Beach, CA

**Frank Petriglano, M.D.**
Assistant Professor  
UCLA Orthopedic Center  
Santa Monica, CA

**Mark Prior**
Assistant, Baseball Operations  
San Diego Padres Baseball Club  
San Diego, CA

**Catherine M. Robertson, M.D.**
Associate Professor of Orthopaedic Surgery UCSD  
Head Team Physician, San Diego Padres  
La Jolla, CA

**Mike Rosenthal, DPT, CAPT**
MCUSN, Orthopaedics  
San Diego, CA

**Mark Schrumpf, M.D.**
San Francisco Shoulder, Elbow & Hand Clinic  
San Francisco, CA

**Erik Stark, M.D.**
Orthopaedic Specialists of North County  
Oceanside, CA

**Rick Stauffer, PT**
Retired Therapist, San Diego Padres  
San Diego, CA

**William Stetson, M.D.**
Stetson Powell Orthopedics and Sports Medicine  
Burbank, CA

**Chuck Thigpen, PhD, PT**
Research Scientist  
ATI Physical Therapy  
Greenville, SC

**Thomas (Quin) Throckmorton, M.D.**
Professor  
Shoulder and Elbow Surgery  
Residency Program Director  
University of Tennessee-Campbell Clinic  
Department of Orthopaedic Surgery  
Germantown, TN

**Stefan Tolan, M.D.**
Steadman Hawkins Clinic of the Carolinas  
Greenville, SC

**Peter S. Vezeridis, M.D.**
Assistant Professor of Orthopaedic Surgery  
Sports Medicine and Shoulder Surgery  
University of California, Los Angeles  
Los Angeles, CA

**Benjamin Widmer, M.D.**
Shoulder and Elbow Surgery  
The Orthopaedic Specialty Hospital  
Murray, UT

**SDSI STAFF**

**Larky Blunck, R.N.**
Chief Operating Officer

Lead Executive Assistant:  
**Leslie Lebitski**

Executive Assistants:
**Kelly Blunck**  
**Jenny Blumenthal**  
**Wendy Sommers**
NOTES:
SAVE THE DATE
For Future Courses:

June 20-23, 2018
June 19-22, 2019
June 17-20, 2020
June 23-26, 2021

San Diego Shoulder
P.O. Box 890850  Temecula, CA 92589-0850  760-940-2066
The American Shoulder and Elbow Surgeons has partnered with the San Diego Shoulder Institute on a new symposium for graduating Shoulder & Elbow and Sports Fellows. **The first ASES Fellow’s Symposium** features short abstract presentations by fellows as well as presentations by established ASES members with guidance for fellows moving forward in their careers.

**Symposium Highlights**

- Abstract Presentations by Shoulder & Elbow and Sports Fellows
- A Focus on Getting Started in Practice
- 401(k), Deferred Income, Insurance, Trusts, Etc.
- Poster presentations by Shoulder & Elbow and Sports Fellows

**Friday, June 16th**

2:00-5:30pm

Level 3, Room 310

Felix H. Savoie, III, MD, ASES President
Larry D. Field, MD, Co-Chair
Mark A. Mighell, MD, Co-Chair
Mark C. Pinto, MD, Co-Chair
Matthew T. Provencher, MD, Co-Chair
Richard K.N. Ryu, MD, Co-Chair
Nikhil N. Verma, MD, Co-Chair

American Shoulder and Elbow Surgeons
9400 W. Higgins Rd., Ste. 500
Rosemont, IL 60018
Phone: (847) 698-1629
www.ases-assn.org
<table>
<thead>
<tr>
<th></th>
<th>Wednesday, June 14</th>
<th>Thursday, June 15</th>
<th>Friday, June 16</th>
<th>Saturday, June 17</th>
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<tbody>
<tr>
<td><strong>REGISTRATION</strong></td>
<td>6:30am – 6:00pm</td>
<td>6:45am – 6:00 pm</td>
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<td><strong>LECTURES</strong></td>
<td>1:00 – 6:00pm</td>
<td>8:00 – 11:50am</td>
<td>7:45am – 11:00 am</td>
<td>8:00 – 10:15am</td>
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<td><strong>Indigo Lecture Hall</strong></td>
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<td><strong>LABS</strong></td>
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<tr>
<td><strong>ARTHROSCOPY SKILLS PRACTICUM</strong></td>
<td>7:45am Opening lecture followed by Focus Demonstrations</td>
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<td><strong>Break-Out Sessions:</strong></td>
<td>10:15 – 11:15am and 11:25am – 12:25pm</td>
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<td><strong>ARTHREX 204A</strong></td>
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<td><strong>CONMED 204B</strong></td>
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<td><strong>DEPUY 202B</strong></td>
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<td><strong>S&amp;N 202A</strong></td>
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<td><strong>ZIMMERBIOMET 206</strong></td>
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<td><strong>CADAVER/EPIC LABS:</strong></td>
<td>8:00 – 11:45am</td>
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<td><strong>Opening Lecture:</strong></td>
<td>310 Labs: Aqua Salon</td>
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<td><strong>TOTAL SHOULDER AND FRACTURE FIXATION WORKSHOP</strong></td>
<td>7:30 – 9:00pm Indigo Foyer</td>
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<td><strong>EXHIBITS</strong></td>
<td>7:00 – 8:00am</td>
<td>7:00 – 8:00am</td>
<td>6:45 – 7:30am</td>
<td>12:00 – 1:30pm</td>
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<tr>
<td><strong>Indigo Exhibit Hall</strong></td>
<td>12:00 – 1:00pm</td>
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<td><strong>LUNCHEONS</strong></td>
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<td>3:00 – 3:40pm</td>
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<td><strong>BREAKOUT SESSIONS/WORKSHOPS</strong></td>
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<td><strong>FOOD &amp; BEVERAGE</strong></td>
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