OFFICIAL SPONSOR OF THE COMEBACK

SPORTS MEDICINE FOR GROWING ATHLETES

- 9 Sports Medicine Doctors and Surgeons
- 25+ Locations
- 35+ Sports Physical Therapists
- 50+ Certified Athletic Trainers
- 40+ High Schools and Club Sports Affiliations

Learn more about our current sports medicine research projects at choa.org/sportsresearch
Welcome to Atlanta!
We are delighted to have you join us for the 6th Annual Meeting of the Pediatric Research in Sports Medicine Society. This year’s scientific program features the presentation of nearly 200 original abstracts, with athletic trainers, orthopaedic surgeons, physical therapists, primary care sports medicine physicians, radiologists, scientists (and more!) coming from far and wide for the opportunity to share ideas with one another.

In addition to the record-breaking number of scientific research presentations, particular highlights of the 2019 PRiSM meeting include: three outstanding keynote speakers; a new collaboration with the Gait and Clinical Movement Analysis Society (GCMAS); a breakfast forum for advanced practice providers; a robust Pre-Course focused on care of young athletes in the post-operative setting; the introduction of a student research workshop; and a variety of lunch sessions whose content runs the gamut from social media savvy to surgical skills to special athletes.

Our objective in creating the scientific program for the 2019 Annual Meeting was to take PRiSM and its members a step closer to our shared goal of achieving excellence in pediatric sports medicine research. We recognize that this would not be possible without the incredible commitment and enthusiasm of our members and for this, we thank you! In closing, we hope that each of you is able to take advantage of the many learning opportunities that this year’s scientific program has to offer; equally important, we hope that you also find occasion to meet some new PRiSM colleagues and have a bit of “Hotlanta” fun!

Your 2019 Scientific Program Chairs,

Cordelia Carter, MD  Michael Busch, MD
ACKNOWLEDGEMENTS
The Pediatric Research in Sports Medicine Society would like to thank the following organizations for their generous support of the Society and 6th Annual Meeting...

EXHIBITORS
We would like to thank the following companies for exhibiting at PRiSM’s 6th Annual Meeting. Tabletop displays are located in the foyer outside of Salons I-VI. The following companies and organizations help to make our Annual Meeting possible, and we encourage you to visit them all.

ANNOUNCEMENTS
Mobile Devices
As a courtesy to others, please silence your mobile devices during all presentations.

Internet Access
Complimentary internet is available throughout the conference center and hotel.
Conference center login: JWMarriott_conference
Conference center password: prism2019

Meals
Breakfast and lunch will be provided on Friday, January 18th and Saturday, January 19th. Continental breakfast and lunches will be available in the Salon foyer.

Networking Reception- Friday, January 18th
A one-hour networking reception will be held in the Charleston Room at 6:15pm. Participants will have a chance to speak with colleagues, exhibitors and poster presenters.

SECOND FLOOR

Arthrex
Brightlamp, Inc.
Ceterix Orthopaedics
Medi/Topical Gear
Wednesday, January 16, 2019
5:00 - 7:00 pm REGISTRATION

Thursday, January 17, 2019
6:30 am - 9:30 pm REGISTRATION
7:00 - 8:00 am BREAKFAST
8:00 am - 1:00 pm PRE-COURSE: A Unique Approach to the Post-Op Patient

Program Chairs: Kristina Johnson, ATC, OPA-C and Mark Paterno, PT, PhD, SCS
Program Faculty: John Erickson, DO, Cheryl Hartzell, MD, Chris Hendley, DPT, Melissa Christino, MD, Katherine Shary, RD, LD

AGENDA
8:00 - 8:05 am Introduction
8:05 - 8:45 am Post-op Skin: Red Flags and Optimal PO Management
I. Skin Reactions
   • Cleaning prep dermatitis
   • Allergic reaction to steri-strips
   • Medication reactions
II. Infections
   • Red flags
   • Wound care & antibiotics
   • How does this affect-post-op rehab
8:45 - 8:50 am Q&A
8:50 - 9:50 am Alternative Management of Pain Control Post-Operatively
I. Medical Management
   • Increase in pain?
   • Opioid epidemic?
II. The Effect of Nerve Blocks on Po Outcomes
III. Alternative Pain Management: Is There a Role?
   • Science behind manual techniques
   • When is it used?
   • Benefits and risks?
9:50 - 9:55 am Q&A
9:55 - 10:10 am BREAK
10:10 - 10:50 am Managing the Mental Health of the Athlete: Sports Psychology
I. Stages of grief
II. How to approach/speak to patients under the depression umbrella
10:50 - 10:55 am Q&A
10:55 - 11:35 am Post-Op Wellness
I. How to Get Back to the Pre-Injury Level of Sport
   • Nutrition
   • Supplements
   • Recommendations on sleep and recovery
11:35 - 11:40 am Q&A
11:40 - 12:35 pm I. Return to Sport Testing
   • Consensus on what is an acceptable pass?
   • How good is the predictive reliability?
   • Can this be a multi-center group effort?
   • Discussion
12:35 - 1:00 pm Wrap up/Final thoughts/Discussion
2:00 - 3:30 pm  PRISM RESEARCH INTEREST GROUP MEETINGS (Group 1)
Meniscus
Female Athlete
Tibial Spine
Shoulder Instability
Spine/Spondy
Concussion
Outcome Measures
Injury Prevention

LOCATION
Nashville
Atlanta
Atlanta
Jackson
Charlotte
Columbia
Columbia
Raleigh

3:30 - 5:00 pm  PRISM RESEARCH INTEREST GROUP MEETINGS (Group 2)
Patella
Stress Fractures/Overuse
UCL/Medial Epicondyle
Sports Specialization
MSK Ultrasound
Rehabilitation
Hip Disorders
Knee Multi-Ligament Injury

LOCATION
Nashville
Atlanta
Raleigh
Jackson
Columbia
Atlanta
Charlotte
Columbia

5:00 - 7:00 pm  PRISM COMMITTEE MEETINGS & DINNER
Education
Membership
Research

LOCATION
Columbia
Atlanta
Raleigh

7:00 - 7:05 pm WELCOME
Phoenix Salons I-IV
Ted Ganley, MD and Andrew Gregory, MD

7:05 - 8:00 pm  KEYNOTE PRESENTATION - NUTRITION STRATEGIES FOR THE YOUNG ATHLETE: MYTHS AND REALITIES
Phoenix Salons I-IV
Dan Benardot, PhD, DHC, RD, LD, FACSM

Dr. Benardot received his PhD from Cornell University, is a Registered and Licensed Dietitian/Nutritionist, and is a Fellow of the American College of Sports Medicine. He is also recipient of a Doctor of Humane Letters (DHC-Doctoria Honoris Causa) from Marywood University for his accomplishments in the area of sports nutrition. He recently retired as Professor of Nutrition, and Professor of Kinesiology and Health at Georgia State University, where he served as Director of the Laboratory for Elite Athlete Performance. He is now Professor Emeritus at Georgia State University, and Visiting Professor in the Center for the Study of Human Health at Emory University. Dr. Benardot is the inventor of NutriTiming® web-based and Apple iOS software, which provides real-time actionable advice on energy balance to improve body composition and athletic performance. He is the author of several books, including “Advanced Sports Nutrition-2nd Edition” and many book chapters refereed journal articles. His most recent book, “Nutrition for Exercise Science”, is due to be published November, 2018. He has worked for many years with Olympic athletes, including power athletes and endurance athletes, and he was also the team nutritionist for the 5 years leading up to the Atlanta Falcons 2017 NFC Championship.

8:00 - 9:30 pm SHOULDER INJURIES IN YOUNG ATHLETES
Phoenix Salons I-IV
8:00 - 8:30 pm MY APPROACH TO SHOULDER INSTABILITY
Spero Karas, MD

8:30 - 9:30 pm CASE PRESENTATION and PANEL DISCUSSION
Moderator: Philip Wilson, MD
Faculty: Elliot Greenberg, MD, Kristina Johnson, ATC, OPA-C, Keith May, PT, DPT, ATC, Stephanie Mayer, MD, Donna Merkel, PT, MS, SCS, CSC, Cliff Willimon, MD
Friday, January 18, 2019

6:00am - 7:00 pm  REGISTRATION
6:30 - 7:30 am  BREAKFAST
7:15 - 7:45 am  PRISM BUSINESS MEETING

1. State of the Society  Theodore Ganley, MD, PRiSM President
2. Financial Report  John Polousky, MD, PRiSM Treasurer
3. Committees Reports
   Education  Matthew Milewski, MD/ Matthew Schmitz, MD
   Membership  Mike Busch, MD/ Kristina Johnson, ATC, OPA-C
   Research  Benton Heyworth, MD/ Jeffrey Nepple, MD
4. Vote on Proposed Bylaw Changes  Theodore Ganley, MD, PRiSM President
5. Election Results  Kevin Shea, PRiSM Immediate Past President/Nominating Committee Chair
6. Thank you to Departing Board Members
   Kenneth Rogers - Director At Large
   Philip Wilson - Director At Large
   Christina Master - Director At Large
   Mininder Kocher - Past Past President
7. Adjourn

7:45 - 11:30am  GENERAL SESSION

7:45 - 8:00 am  WELCOME & INTRODUCTION TO SCIENTIFIC PROGRAM
8:00 - 8:45 am  SCIENTIFIC PAPERS – INJURY PREVENTION A
   Moderator: Tim McGuine, PhD, ATC
8:00 - 8:07 am  RESEARCH UPDATE & LITERATURE HIGHLIGHTS
   Kevin Latz, MD and Lauren Butler, DPT
8:08 - 8:13 am  EFFECT OF PENALTY MINUTE RULE CHANGE ON INJURIES AND GAME DISQUALIFICATION PENALTIES IN HIGH SCHOOL ICE HOCKEY
   Peter Kriz, MD
8:14 - 8:19 am  REAL-TIME BIOFEEDBACK INTEGRATED INTO NEUROMUSCULAR TRAINING INCREASES BRAIN FUNCTIONAL CONNECTIVITY AND REDUCES HIGH-RISK KNEE BIOMECHANICS
   Jed A. Diekfuss, PhD
8:20 - 8:25 am  BIOMECHANICAL SYMMETRY DURING DROP JUMP AND SINGLE-LEG HOP LANDING IN UNINJURED ADOLESCENT ATHLETES
   Curtis VandenBerg, MD
8:26 - 8:31 am  MAPPING COMPRESSION STRAINS OF THE PATELLAR TENDON IN OSGOOD-SCHLATTER DISEASE USING ULTRASOUND ELASTOGRAPHY
   Katherine Rizzone, MD, MPH
8:32 - 8:45 am  DISCUSSION

8:45 - 9:30 am  SCIENTIFIC PAPERS – ACL A
   Moderator: Eric Edmonds, MD
8:45 - 8:52 am  Research Update & Literature Highlights
   Mark Paterno, PT, PhD, MBA, SCS, ATC
8:53 - 8:58 am  GRAFT CHOICE FOR ADOLESCENT ATHLETES RETURNING TO HIGH-RISK SPORTS: A MATCHED COHORT ANALYSIS OF PATELLAR TENDON AND HAMSTRING AUTOGRRAFTS
   Crystal Perkins, MD
8:59 - 9:04 am  OUTCOMES FOLLOWING ACL RECONSTRUCTION USING PATELLAR TENDON VERSUS HAMSTRING TENDON AUTOGRRAFT IN ADOLESCENT ATHLETES: AN AGE-MATCH, SEX-MATCHED, AND BODY MASS INDEX-MATCHED COHORT STUDY
   Benton E. Heyworth, MD
9:05 - 9:10 am  THE PHYSEAL-SPARING COMBINED EXTRA-/INTRA-ARTICULAR ILIOTIBIAL BAND ACL RECONSTRUCTION IN CHILDREN: A LONG-TERM STRENGTH, BALANCE, AND FUNCTIONAL ANALYSIS
   Elizabeth Liotto, MBBS
9:11 - 9:16 am  IS EARLY EXCELLENT ISOKINETIC AND FUNCTIONAL TESTING FOLLOWING ACL RECONSTRUCTION IN PATIENTS WITH OPEN-PHYSES PREDICTIVE OF SUBSEQUENT ACL DISRUPTION?
   Todd A. Milbrandt, MD
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:17 - 9:30 am</td>
<td>DISCUSSION</td>
<td>Foyer &amp; Phoenix Salons V/VI</td>
</tr>
<tr>
<td>9:30 - 9:45 am</td>
<td>EXHIBIT AND POSTER/E-POSTER VIEWING BREAK</td>
<td></td>
</tr>
<tr>
<td>9:45 - 10:00 am</td>
<td>SPONSOR HIGHLIGHT: SPORTS MEDICINE PROGRAM AT CHILDREN’S HEALTHCARE OF ATLANTA</td>
<td>Phoenix Salons I-IV</td>
</tr>
<tr>
<td>10:00 - 10:30 am</td>
<td>PRISM UPDATE: PARTNERSHIP WITH THE GAIT AND CLINICAL MOVEMENT ANALYSIS SOCIETY</td>
<td>Phoenix Salons I-IV</td>
</tr>
<tr>
<td>10:30 - 11:30 am</td>
<td>KEYNOTE PRESENTATION – MUSCLE FAILURE IN MODERN DAY YOUTH</td>
<td>Phoenix Salons I-IV</td>
</tr>
<tr>
<td>11:30 - 11:45 am</td>
<td>EXHIBIT AND POSTER/E-POSTER VIEWING BREAK</td>
<td>Foyer &amp; Phoenix Salons V/VI</td>
</tr>
<tr>
<td>11:45 am - 12:45 pm</td>
<td>CONCURRENT INSTRUCTIONAL COURSES 1&amp;2</td>
<td></td>
</tr>
<tr>
<td>12:45 - 1:15 pm</td>
<td>LUNCH BREAK</td>
<td>Foyer/Columbia</td>
</tr>
<tr>
<td>1:15 - 2:15 pm</td>
<td>LUNCH AND LEARN SESSIONS 1-3</td>
<td></td>
</tr>
<tr>
<td>2. RADIOLOGY CLINICAL CASE CORRELATES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. ABC’S OF PEDIATRIC SPORTS RESEARCH</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Avery Faigenbaum is a Full Professor in the Department of Health and Exercise Science at The College of New Jersey. His research interests focus on youth resistance training, pediatric exercise science and preventive medicine. He has co-authored over 200 peer-reviewed publications, 40 book chapters and 10 books, and has been an invited speaker at more than 300 national and international conferences. He is a Fellow of the National Strength and Conditioning Association and of the American College of Sports Medicine, and was awarded the 2017 Boyd Epley Award for Lifetime Achievement from the National Strength and Conditioning Association.

1. SURGICAL TECHNIQUE: QUADRICEPS TENDON ACL RECONSTRUCTION
   Michael Busch, MD, Cliff Willimon, MD, Jay Albright, MD, Benton Heyworth, MD, Crystal Perkins, MD

2. HIGHLIGHTS OF THE 2018 GCMAS MEETING: SPORTS AND 3D MOTION ANALYSIS
   Moderator: Jason Rhodes, MD
   Faculty: Eric Dugan, PhD, Emily Dooley, Nicholas Giampetruzi, MS, PT, Xue-cheng Liu, Curtis Vanden Berg, MD

1. THE ROLE OF SOCIAL MEDIA IN A PEDIATRIC SPORTS MEDICINE PRACTICE: TIPS AND TRICKS OF THE TRADE
   • Social Media Bootcamp: How to Use # Hashtags and How to Set Up a Profile
     Katherine Rizzone, MD
   • Time Management for Social Media and its Effective Use
     Jim MacDonald, MD
   • Social Media DON’Ts
     Aaron Gray, MD
   • Mentoring and Teaching: Social Media as an Education Tool
     Christina Master, MD
   • Q&A

2. RADIATION CLINICAL CASE CORRELATES
   Moderators: Melissa Christino, MD, Kelley Marshall, MD
   Panelists: Kathy Emery, MD, Jie Nguyen, MD, MS, Todd Lawrence, MD, David Marshall, MD, Cliff Willimon, MD

3. ABC’S OF PEDIATRIC SPORTS RESEARCH
   Moderator: Corinna Franklin, MD
   • Research Building Blocks: Getting Started
     Cordelia Carter, MD
   • Conducting Research in a Busy Clinical Practice
     Neeru Jayanthi, MD
   • Getting Started with Basic Science and Biomechanics Research
     Christopher Kuenze, PhD
   • Using Big Data in Pediatric Sports Research
     Neeraj Patel, MD
   • Securing Research Funding
     Corinna Franklin, MD
   • Q&A
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30 - 3:15 pm</td>
<td>SCIENTIFIC PAPERS: HIP A</td>
</tr>
<tr>
<td></td>
<td>Phoenix Salons I/III</td>
</tr>
<tr>
<td></td>
<td>Moderator: Allison Crepeau, MD</td>
</tr>
<tr>
<td>2:30 - 2:37 pm</td>
<td>RESEARCH UPDATE &amp; LITERATURE HIGHLIGHTS</td>
</tr>
<tr>
<td></td>
<td>Jeffrey Nepple, MD</td>
</tr>
<tr>
<td>2:38 - 2:44 pm</td>
<td>WHAT NEUROMONITORING CHANGES CAN BE EXPECTED DURING HIP ARTHROSCOPY IN</td>
</tr>
<tr>
<td></td>
<td>THE PEDIATRIC POPULATION?</td>
</tr>
<tr>
<td></td>
<td>Brian Haus, MD</td>
</tr>
<tr>
<td>2:45 - 2:50 pm</td>
<td>ACETABULAR VERSION INCREASES DURING ADOLESCENCE SECONDARY TO A REDUCTION</td>
</tr>
<tr>
<td></td>
<td>IN ANTERIOR FEMORAL HEAD COVERAGE</td>
</tr>
<tr>
<td></td>
<td>Sasha Carsen, MD</td>
</tr>
<tr>
<td>2:51 - 2:56 pm</td>
<td>PEDIATRIC PATIENTS WITH FAI AND INFLAMMATORY COMORBIDITIES HAVE A</td>
</tr>
<tr>
<td></td>
<td>CHARACTERISTIC CAM DEFORMITY: A PILOT STUDY</td>
</tr>
<tr>
<td></td>
<td>Sasha Carsen, MD</td>
</tr>
<tr>
<td>2:57 - 3:02 pm</td>
<td>THE RISE AND FALL OF DGEMRIC EVALUATION IN THE ADOLESCENT HIP</td>
</tr>
<tr>
<td></td>
<td>Kelley W. Marshall, MD</td>
</tr>
<tr>
<td>3:03 - 3:15 pm</td>
<td>DISCUSSION</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:15 - 4:00 pm</td>
<td>SCIENTIFIC PAPERS: ELBOW</td>
</tr>
<tr>
<td></td>
<td>Phoenix Salons II/IV</td>
</tr>
<tr>
<td></td>
<td>Moderator: Stephanie Mayer, MD</td>
</tr>
<tr>
<td>3:15 - 3:22 pm</td>
<td>RESEARCH UPDATE &amp; LITERATURE HIGHLIGHTS</td>
</tr>
<tr>
<td></td>
<td>J. Todd Lawrence, MD</td>
</tr>
<tr>
<td>3:23 - 3:28 pm</td>
<td>HOW DO IMAGING PRACTICES VARY ACROSS THE UNITED STATES WHEN DIAGNOSING</td>
</tr>
<tr>
<td></td>
<td>A MEDIAL EPICONDYLE FRACTURE</td>
</tr>
<tr>
<td></td>
<td>Neeraj M. Patel, MD, MD, MPH, MBS</td>
</tr>
<tr>
<td>3:29 - 3:34 pm</td>
<td>DECELERATION PHASE MOMENTS: A POTENTIAL CAUSE FOR ELBOW INJURY IN</td>
</tr>
<tr>
<td></td>
<td>COLLEGIATE LEVEL BASEBALL PITCHERS</td>
</tr>
<tr>
<td></td>
<td>Carl W. Nissen, MD</td>
</tr>
<tr>
<td>3:35 - 3:40 pm</td>
<td>MAGNETIC RESONANCE IMAGING FINDINGS ASSOCIATED WITH ULNAR COLLATERAL</td>
</tr>
<tr>
<td></td>
<td>LIGAMENT TEARS IN ADOLESCENT BASEBALL PITCHERS</td>
</tr>
<tr>
<td></td>
<td>Michael Saper, DO, ATC, CSCS</td>
</tr>
<tr>
<td>3:42 - 3:46 pm</td>
<td>IMPACT OF DISTAL ULNAR RESECTION AND ELBOW JOINT POSITIONS IN RELATION</td>
</tr>
<tr>
<td></td>
<td>TO LOAD TRANSMISSION ACROSS THE RADIOCAPITELLAR JOINT</td>
</tr>
<tr>
<td></td>
<td>Shivani Sadwal, BS</td>
</tr>
<tr>
<td>3:47 - 4:00 pm</td>
<td>DISCUSSION</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30 - 2:37 pm</td>
<td>RESEARCH UPDATE &amp; LITERATURE HIGHLIGHTS</td>
</tr>
<tr>
<td></td>
<td>Peter Fabricant, MD</td>
</tr>
<tr>
<td>2:38 - 2:44 pm</td>
<td>DELIVERY OF COMMON KNEE PATIENT-REPORTED OUTCOME INSTRUMENTS</td>
</tr>
<tr>
<td></td>
<td>BY AUTOMATED MOBILE PHONE TEXT MESSAGING IN PEDIATRIC SPORTS MEDICINE</td>
</tr>
<tr>
<td></td>
<td>Xochitl Mellor, BS</td>
</tr>
<tr>
<td>2:45 - 2:50 pm</td>
<td>POSTOPERATIVE AND POST-DISCHARGE PAIN OUTCOMES AND OPIOID REQUIREMENTS</td>
</tr>
<tr>
<td></td>
<td>IN PEDIATRIC ARTHROSCOPIC ACL</td>
</tr>
<tr>
<td></td>
<td>RECONSTRUCTION AND/OR MENISCUS PROCEDURES MANAGED WITH PERIPHERAL NERVE</td>
</tr>
<tr>
<td></td>
<td>JULIEN AYAMA, BA</td>
</tr>
<tr>
<td>2:51 - 2:56 pm</td>
<td>DOES ACL TUNNEL PLACEMENT AFFECT QUALITY OF LIFE IN ADOLESCENTS?</td>
</tr>
<tr>
<td></td>
<td>Eric Fornari, MD</td>
</tr>
<tr>
<td>2:57 - 3:02 pm</td>
<td>VALIDITY, MEANS, AND DISTRIBUTION OF THE HSS PED-FABS IN PEDIATRIC</td>
</tr>
<tr>
<td></td>
<td>ATHLETES AND IN COMMON SPORTS</td>
</tr>
<tr>
<td></td>
<td>K. John Wagner, III, BS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:15 - 3:22 pm</td>
<td>RESEARCH UPDATE &amp; LITERATURE HIGHLIGHTS</td>
</tr>
<tr>
<td></td>
<td>David Howell, MD</td>
</tr>
<tr>
<td>3:23 - 3:28 pm</td>
<td>VESTIBULAR AND OCULAR MOTOR FINDINGS</td>
</tr>
<tr>
<td></td>
<td>IN ACUTELY INJURED 8-12-YEAR-OLD PATIENTS FOLLOWING CONCUSSION</td>
</tr>
<tr>
<td></td>
<td>Scott O. Burkhart, PsyD</td>
</tr>
<tr>
<td>3:29 - 3:34 pm</td>
<td>THE ASSOCIATION OF HISTORY OF CONCUSSION WITH BASELINE SCORES ON THE</td>
</tr>
<tr>
<td></td>
<td>SPORT CONCUSSION ASSESSMENT TOOL (SCATS) IN HIGH SCHOOL RUGBY PLAYERS</td>
</tr>
<tr>
<td></td>
<td>Amanda Black, CAT(c), PhD</td>
</tr>
<tr>
<td>3:35 - 3:40 pm</td>
<td>CLINICAL PREDICTORS OF SYMPTOM RESOLUTION FOR CHILDREN AND ADOLESCENTS</td>
</tr>
<tr>
<td></td>
<td>WITH SPORT-RELATED CONCUSSION</td>
</tr>
<tr>
<td></td>
<td>David Howell, PhD</td>
</tr>
<tr>
<td>3:42 - 3:46 pm</td>
<td>MECHANISM OF INJURY AND POST-CONCUSSION SYMPTOMS IN ADOLESCENT SOCCER</td>
</tr>
<tr>
<td></td>
<td>PLAYERS</td>
</tr>
<tr>
<td></td>
<td>Stephen C. Bunt, EdD</td>
</tr>
</tbody>
</table>

4:00 - 4:30 pm EXHIBIT AND POSTER/EPOSTER VIEWING BREAK
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Presenter/Title</th>
</tr>
</thead>
</table>
| 4:30 - 5:15 pm | **SCIENTIFIC PAPERS: MENISCUS**  
Phoenix Salons I/II  
Moderator: Marie-Lynn Nault, MD | Phoenix Salons I/II/IV  
Moderator: Andy Pennock, MD |  
4:30 - 4:37 pm RESEARCH UPDATE & LITERATURE HIGHLIGHTS  
Benton Heyworth, MD  
4:38 - 4:43 pm DOES DISCOID MORPHOLOGY AFFECT PERFORMANCE ON RETURN-TO-SPORT TESTING AFTER MENISCUS REPAIR?  
Michael Saper, DO, ATC, CSC  
4:44 - 4:49 pm OUTCOMES OF DISCOID MENISCUS REPAIRS IN CHILDREN AND ADOLESCENTS  
Cliff Willimon, MD  
4:50 - 4:55 pm PREVALENCE OF CONCOMITANT PATHOLOGY IN SKELETALLY IMATURE PATIENTS WITH ANTERIOR CRUCIATE LIGAMENT TEARS  
Carl W. Nissen, MD  
4:56 - 5:01 pm MENISCUS ROOT TEARS IN CHILDREN AND ADOLESCENTS  
Cliff Willimon, MD  
5:02 - 5:15 pm DISCUSSION |  
4:30 - 4:37 pm RESEARCH UPDATE & LITERATURE HIGHLIGHTS  
Henry Ellis, MD  
4:38 - 4:43 pm CONCOMITANT POSTEROLATERAL CORNER INJURIES IN SKELETALLY IMMATURE PATIENTS WITH ACUTE ANTERIOR CRUCIATE LIGAMENT INJURIES  
Mininder S. Kocher, MD, MPH  
4:44 - 4:49 pm AVULSIONS OF THE DISTAL FEMUR AND PROXIMAL TIBIA: RARE LIGAMENTOUS INJURIES IN CHILDREN AND ADOLESCENTS  
Crystal Perkins, MD  
4:50 - 4:55 pm RELIABILITY IN RADIOGRAPHIC REVIEW OF Tibial SPINE FRACTURES IN A Tibial Spine RESEARCH INTERGROUP  
Henry B. Ellis, MD  
4:56 - 5:01 pm FUNCTIONAL POPULITEAL ARTERY ENTRAPMENT SYNDROME: INVESTIGATION WITH DYNAMIC AND DOPPLER ULTRASOUND  
Patricia B. Delzell, MD  
5:02 - 5:15 pm DISCUSSION |  
5:15 - 6:05 pm **SCIENTIFIC PAPERS: SPORTS SPECIALIZATION**  
Phoenix Salons I/II/IV  
Moderator: David Bell, PhD, ATC |  
5:15 - 5:22 pm RESEARCH UPDATE & LITERATURE HIGHLIGHTS  
Scott McKay, MD  
5:23 - 5:28 pm FEMORAL NERVE BLOCK VERSUS ADDUCTOR CANAL BLOCK FOR ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION IN PEDIATRIC AND ADOLESCENT PATIENTS  
Orlando D. Sabbag, MD  
5:29 - 5:34 pm OVERUSE INJURY RISK INCREASES WITH YEAR-ROUND SPORT PARTICIPATION IN MIDDLE SCHOOL AGED ATHLETES  
Kevin M. Biese, MA, ATC  
5:35 - 5:40 pm SAFETY IN OUTPATIENT SURGICAL PROCEDURES – A REVIEW OF EARLY COMPLICATION RATES OF AMBULATORY SPORTS MEDICINE CASES  
Angelina Iyinbor, BA  
5:41 - 5:46 pm PROGRESSIVE ELBOW MRI ABNORMALITIES IN LITTLE LEAGUE BASEBALL PLAYERS: ARE COMMON: A 3-YEAR LONGITUDINAL EVALUATION  
Andrew Pennock, MD  
5:47 - 5:52 pm A COMPARISON OF EMERGENCY PREPAREDNESS AND MEDICAL COVERAGE BETWEEN HIGH SCHOOL AND CLUB SPORT COACHES  
Eric G. Post, PhD, ATC  
5:53 - 6:05 pm DISCUSSION |  
5:15 - 6:05 pm **SCIENTIFIC PAPERS: OVERUSE**  
Phoenix Salons I/II/IV  
Moderator: Naomi Brown, MD |  
5:15 - 5:22 pm RESEARCH UPDATE & LITERATURE HIGHLIGHTS  
Kathryn Ackerman, MD, MPH, FACSM  
5:23 - 5:28 pm THE EPIDEMIOLOGY OF BACK PAIN IN CHILDREN AND ADOLESCENTS: A CROSS-SECTIONAL STUDY OF 2,001 AMERICAN YOUTH  
Peter D. Fabricant, MD, MPH  
5:29 - 5:34 pm YOUTH MARATHON TRAINING: INJURY EPIDEMIOLOGY & RISK FACTORS  
Joshua Goldman, MD, MBA  
5:35 - 5:40 pm GYMNAST'S WRIST: A RETROSPECTIVE ANALYSIS OF DESCRIPTIVE EPIDEMIOLOGY, CLINICAL & RADIOLOGIC FEATURES, TREATMENT & OUTCOMES  
Nicholas Sullivan, BS  
5:41 - 5:46 pm FINGER STRESS FRACTURES IN YOUTH ELITE ROCK CLIMBERS  
Aaron Provance, MD  
5:47 - 5:52 pm SENSITIVITY AND SPECIFICITY OF PHYSICAL EXAMINATION TESTS FOR SACROILIAC PAIN IN THE ADOLESCENT AND YOUNG ATHLETES  
Pierre d’Hemecourt, MD  
5:53 - 6:05 pm DISCUSSION |  
5:15 - 6:05 pm **SCIENTIFIC PAPERS: KNEE ZEBRAS**  
Phoenix Salons I/II/IV  
Moderator: Andy Pennock, MD |  
4:30 - 4:37 pm RESEARCH UPDATE & LITERATURE HIGHLIGHTS  
Henry Ellis, MD  
4:38 - 4:43 pm CONCOMITANT POSTEROLATERAL CORNER INJURIES IN SKELETALLY IMMATURE PATIENTS WITH ACUTE ANTERIOR CRUCIATE LIGAMENT INJURIES  
Mininder S. Kocher, MD, MPH  
4:44 - 4:49 pm AVULSIONS OF THE DISTAL FEMUR AND PROXIMAL TIBIA: RARE LIGAMENTOUS INJURIES IN CHILDREN AND ADOLESCENTS  
Crystal Perkins, MD  
4:50 - 4:55 pm RELIABILITY IN RADIOGRAPHIC REVIEW OF Tibial SPINE FRACTURES IN A Tibial Spine RESEARCH INTERGROUP  
Henry B. Ellis, MD  
4:56 - 5:01 pm FUNCTIONAL POPULITEAL ARTERY ENTRAPMENT SYNDROME: INVESTIGATION WITH DYNAMIC AND DOPPLER ULTRASOUND  
Patricia B. Delzell, MD  
5:02 - 5:15 pm DISCUSSION |  
6:15 – 7:15 pm **NETWORKING RECEPTION** | Charleston 1/2 |
### Saturday, January 19, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00 am</td>
<td>REGISTRATION</td>
<td>2nd Floor</td>
</tr>
<tr>
<td>6:15 am</td>
<td>BREAKFAST</td>
<td>Foyer/Charleston</td>
</tr>
<tr>
<td>6:30 am</td>
<td>COFFEE TALKS</td>
<td>Jackson</td>
</tr>
<tr>
<td></td>
<td>ADVANCED PRACTICE PROVIDER FORUM</td>
<td>Atlanta</td>
</tr>
<tr>
<td></td>
<td>Moderators: Kristina Johnson, ATC, OPA-C, Ben Forst, PA</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STUDENT RESEARCH WORKSHOP</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderators: Cordelia Carter, MD, Nirav Pandya, MD</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:45 am</td>
<td>GENERAL SESSION</td>
<td>Phoenix Salons I-IV</td>
</tr>
<tr>
<td>7:45 - 8:00 am</td>
<td>RIG UPDATES</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ultrasound RIG – Research Update and Literature Review</td>
<td>Phoenix Salons I-IV</td>
</tr>
<tr>
<td></td>
<td>Andrea Stracciolini, MD</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Multi-ligament Knee Injury RIG – Research Update and Literature Review</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cliff Willimon, MD</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Spondylolysis RIG – Research Update and Literature Review</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Andrew Gregory, MD</td>
<td></td>
</tr>
<tr>
<td>8:00 - 8:38 am</td>
<td>SCIENTIFIC PAPERS – CONCUSSION A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderator: Christina Master, MD</td>
<td>Phoenix Salons I-IV</td>
</tr>
<tr>
<td></td>
<td>COMPARISON OF HEAD IMPACT BIOMECHANICS BETWEEN TACKLE AND FLAG YOUTH FOOTBALL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Landon B. Lempke, MEd, ATC</td>
<td></td>
</tr>
<tr>
<td>8:06 - 8:11 am</td>
<td>REPETITIVE HEAD IMPACTS IN YOUTH FOOTBALL: DESCRIPTION AND RELATIONSHIP TO WHITE MATTER STRUCTURE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Kurt Nilsson, MD</td>
<td></td>
</tr>
<tr>
<td>8:12 - 8:17 am</td>
<td>THE DEVELOPMENT AND READABILITY OF THE CONCUSSION QUALITY OF LIFE SCALE-YOUTH FOR ASSESSING HEALTH-RELATED QUALITY OF LIFE FOLLOWING SPORT-RELATED CONCUSSION.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tamara C. Valovich McLeod, PhD, ATC, FNATA</td>
<td></td>
</tr>
<tr>
<td>8:18 - 8:23 am</td>
<td>DOCOSAHEXAENOIC ACID (DHA) FOR THE TREATMENT OF PEDIATRIC SPORT-RELATED CONCUSSION: RESULTS OF A FEASIBILITY TRIAL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Shane M. Miller, MD</td>
<td></td>
</tr>
<tr>
<td>8:24 - 8:37 am</td>
<td>DISCUSSION</td>
<td></td>
</tr>
<tr>
<td>8:38 - 9:30 am</td>
<td>SCIENTIFIC PAPERS – PATELLAR INSTABILITY</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderator: Eric Wall, MD</td>
<td>Phoenix Salons I-IV</td>
</tr>
<tr>
<td>8:38 - 8:45 am</td>
<td>RESEARCH UPDATE &amp; LITERATURE HIGHLIGHTS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Daniel Green, MD</td>
<td></td>
</tr>
<tr>
<td>8:46 - 8:51 am</td>
<td>MPFL SURGICAL SIMULATION WITH FEMORAL DRILL HOLE ALLOWING FOR ADJUSTABLE GRAFT TENSION</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cooper Shea, BS</td>
<td></td>
</tr>
<tr>
<td>8:52 - 8:57 am</td>
<td>INCREASED LIKELIHOOD OF PEDIATRIC RECURRENT PATELLAR DISLOCATIONS BASED ON SEVERITY OF RADIOGRAPHIC MEASURES</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pat Riley, MD</td>
<td></td>
</tr>
<tr>
<td>8:58 - 9:03 am</td>
<td>DESCRIPTIVE EPIDEMIOLOGY STUDY OF THE JUSTIFYING PATELLAR INSTABILITY TREATMENT BY EARLY RESULTS (JUPITER) COHORT</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Meghan E. Bishop, MD</td>
<td></td>
</tr>
<tr>
<td>9:04 - 9:09 am</td>
<td>PATELLAR FACET MORPHOLOGY IN EARLY PEDIATRIC DEVELOPMENT</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Philip Wilson, MD</td>
<td></td>
</tr>
<tr>
<td>9:10 - 9:15 am</td>
<td>THE EFFECT OF TROCHLEAR DYSPLASIA ON COMMONLY USED RADIOGRAPHIC PARAMETERS TO ASSESS PATELLAR INSTABILITY</td>
<td></td>
</tr>
<tr>
<td></td>
<td>J. Lee Pace, MD</td>
<td></td>
</tr>
<tr>
<td>9:16 - 9:30 am</td>
<td>DISCUSSION</td>
<td></td>
</tr>
<tr>
<td>Time</td>
<td>Event</td>
<td>Location</td>
</tr>
<tr>
<td>--------------</td>
<td>----------------------------------------------------------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>9:30 - 10:00 am</td>
<td>PRISM GAVEL EXCHANGE &amp; UPDATES</td>
<td>Phoenix Salons I-IV</td>
</tr>
<tr>
<td>10:00 - 10:25 am</td>
<td>EXHIBIT AND POSTER/E-POSTER VIEWING BREAK</td>
<td>Foyer &amp; Phoenix Salons V/VI</td>
</tr>
<tr>
<td>10:25 - 11:00 am</td>
<td>SCIENTIFIC PAPERS – OUTCOME MEASURES A</td>
<td>Phoenix Salons I-IV</td>
</tr>
<tr>
<td>10:25 - 10:30 am</td>
<td>THE USE OF PATIENT REPORTED OUTCOME MEASURES BY PHYSICAL THERAPISTS IN THE PEDIATRIC SPORTS POPULATION</td>
<td>Phoenix Salons I-IV</td>
</tr>
<tr>
<td>10:31 - 10:36 am</td>
<td>VALIDATION OF A COMPUTER-BASED SYSTEM FOR THE COLLECTION OF PATIENT REPORTED OUTCOME MEASURES IN PEDIATRIC SPORTS MEDICINE</td>
<td>Phoenix Salons I-IV</td>
</tr>
<tr>
<td>10:37 - 10:42 am</td>
<td>EVALUATION OF THE UTILITY OF THE ANTERIOR CRUCIATE LIGAMENT RETURN TO SPORT AFTER INJURY (ACL-LSI) SCALE WITHIN PEDIATRIC ATHLETES</td>
<td>Phoenix Salons I-IV</td>
</tr>
<tr>
<td>10:43 - 10:48 am</td>
<td>ARE SELF-REPORTED PAIN SCALES IN PEDIATRICS VALID?</td>
<td>Phoenix Salons I-IV</td>
</tr>
<tr>
<td>10:49 - 11:00 am</td>
<td>DISCUSSION</td>
<td>Phoenix Salons I-IV</td>
</tr>
<tr>
<td>11:00 am - 12:00 pm</td>
<td>ALLEN ANDERSON LECTURESHIP – PREVENTING SUDDEN DEATH IN SPORT: BEST PRACTICES AND POLICY CHANGES FOR THE HIGH SCHOOL ATHLETE</td>
<td>Phoenix Salons I-IV</td>
</tr>
<tr>
<td>12:00 - 12:30 pm</td>
<td>LUNCH BREAK</td>
<td>Foyer</td>
</tr>
<tr>
<td>12:30 - 1:30 pm</td>
<td>LUNCH AND LEARN SESSIONS 4-6</td>
<td>Phoenix Salons I/III</td>
</tr>
<tr>
<td>4. SPECIAL INJURIES IN SPECIAL ATHLETES</td>
<td>• Introduction to Special Athletes – The Pre-Participation Physical Jason Rhodes, MD</td>
<td>Atlanta</td>
</tr>
<tr>
<td>5. ARTHREX INNOVATIONS: EMERGING TECHNOLOGY IN TREATING YOUTH SPORTS MEDICINE INJURIES</td>
<td>• All-inside, All-epiphyseal ACL Reconstruction Frank Cordasco, MD</td>
<td>Atlanta</td>
</tr>
<tr>
<td></td>
<td>• Treating Typical and Atypical Meniscus Pathology in the Young Athlete Paul Saluan, MD</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Knotless Labral Repair in the Young Contact Athlete Michael Busch, MD</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Q&amp;A Discussion</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderator: Dan Green, MD</td>
<td></td>
</tr>
</tbody>
</table>
6. NINE WHILE YOU DINE: MEET THE TOP POSTER PRESENTERS OF 2019

**Moderator: Greg Schmale, MD, Pamela Lang, MD**

- Recovery of Lower Extremity Strength and Function Following ACL Reconstruction in Skeletally Immature Patients
  *Dai Sugimoto, PhD*
- ACL Growth With Age in Pediatric Patients: An MRI Study
  *Danielle Putur, BA*
- Sex Differences in Quadriceps Strength Among Adolescents Within 1 Year of ACL Reconstruction
  *Christopher Kuenze, PhD, ATC*
- Current Practice Trends in the Surgical Management of Patellofemoral Instability; A Survey of the Pediatric Research in Sports Medicine (Prism) Society
  *Curtis VandenBerg, MD*
- Lateral Patellar Inclination in Children And Adolescents: Modified Measurement Technique to Characterize Patellar Instability
  *Christopher Cheng, BS*
- The Relationship Between Perceived Social Support and Psychological Factors Related to Returning to Sport in Adolescents Following Anterior Cruciate Ligament Reconstruction
  *Aubrey Armento, MD*
- Systematic Review of Surgical Indications For Tibial Derotational Osteotomy
  *Yushane Shih, MD*
- The Size And Positional Relationship of the Medial Patellofemoral Ligament in Early Pediatric Development
  *Philip Wilson, MD*
- The Evaluation of Supratrochlear Osseous Morphology: An Epidemiologic Study
  *Gabriel Onor, BS*
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:45 - 2:22 pm</td>
<td><strong>SCIENTIFIC PAPERS: INJURY PREVENTION B</strong></td>
<td>Phoenix Salons I/III</td>
</tr>
<tr>
<td>1:45 - 1:50 pm</td>
<td>JUMP LANDING MECHANICS OF ADOLESCENT ATHLETES DURING AGES OF PEAK ACL INJURY RISK: IDENTIFYING SEX DIFFERENCES WITH A PORTABLE MOTION SENSOR</td>
<td></td>
</tr>
<tr>
<td>1:51 - 1:56 pm</td>
<td>EFFECTIVENESS OF HIGH SCHOOL GIRLS LACROSSE HEADGEAR MANDATE IN THE REDUCTION OF HEAD AND FACE INJURIES</td>
<td></td>
</tr>
<tr>
<td>1:57 - 2:02 pm</td>
<td>INFLUENCE OF A PRE-SEASON COACHES’ EDUCATION WORKSHOP STRATEGY ON ATHLETE INJURY RISK ASSESSMENT</td>
<td></td>
</tr>
<tr>
<td>2:03 - 2:08 pm</td>
<td>EFFECT OF STATIC ANATOMIC ALIGNMENT ON DYNAMIC LIMB VALGUS DURING SIDE-STEP CUTTING IN UNINJURED ADOLESCENT ATHLETES</td>
<td></td>
</tr>
<tr>
<td>2:09 - 2:22 pm</td>
<td>DISCUSSION</td>
<td></td>
</tr>
<tr>
<td>2:23 - 3:15 pm</td>
<td><strong>SCIENTIFIC PAPERS: SHOULDER</strong></td>
<td>Phoenix Salons I/IV</td>
</tr>
<tr>
<td>2:23 - 2:30 pm</td>
<td>RESEARCH UPDATE &amp; LITERATURE HIGHLIGHTS</td>
<td></td>
</tr>
<tr>
<td>2:31 - 2:36 pm</td>
<td>SLAP TEARS IN THE PEDIATRIC PATIENT: WHO IS TREATING THEM AND WHERE?</td>
<td></td>
</tr>
<tr>
<td>2:37 - 2:42 pm</td>
<td>RISK FACTORS PREVENTING RETURN TO BASELINE ACTIVITY LEVEL AFTER BANKART REPAIR</td>
<td></td>
</tr>
<tr>
<td>2:43 - 2:48 pm</td>
<td>ANALGESIC EFFECTIVENESS OF CONTINUOUS INTERSCALENE CATHETER USE FOR AMBULATORY SHOULDER SURGERY IN PEDIATRIC AND ADOLESCENT PATIENTS</td>
<td></td>
</tr>
<tr>
<td>2:49 - 2:54 pm</td>
<td>INCREASING VALUE: CAN MIDSHAFT CLAVICLE FRACTURES BE SURGICALLY TREATED AS AN OUTPATIENT?</td>
<td></td>
</tr>
<tr>
<td>2:55 - 3:15 pm</td>
<td>DISCUSSION</td>
<td></td>
</tr>
<tr>
<td>3:15 - 3:45 pm</td>
<td><strong>EXHIBIT AND POSTER/E-POSTER VIEWING BREAK</strong></td>
<td></td>
</tr>
<tr>
<td>2:23 - 2:30 pm</td>
<td>RESEARCH UPDATE &amp; LITERATURE HIGHLIGHTS</td>
<td></td>
</tr>
<tr>
<td>2:23 - 2:28 pm</td>
<td>DO ALTERATIONS IN PELVIC ROTATION ON THE FALSE PROFILE RADIOGRAPH EFFECT THE APPARENT AIIS MORPHOLOGY?</td>
<td></td>
</tr>
<tr>
<td>2:29 - 2:34 pm</td>
<td>BORDERLINE ACETABULAR DYSPLASIA: INDEPENDENT PREDICTORS OF HIP INSTABILITY VERSUS IMPINGEMENT</td>
<td></td>
</tr>
<tr>
<td>2:35 - 2:40 pm</td>
<td>FAI SURGERY IN THE ADOLESCENT POPULATION: MILD DEFORMITIES AND LACK OF SPORTS PARTICIPATION ARE ASSOCIATED WITH AN INCREASED RISK OF TREATMENT FAILURE</td>
<td></td>
</tr>
<tr>
<td>2:41 - 2:46 pm</td>
<td>ISCHIOFEMORAL IMPINGEMENT IN ADOLESCENTS: FROM CLINICAL PRESENTATION TO RETURN TO SPORTS</td>
<td></td>
</tr>
<tr>
<td>2:47 - 3:15 pm</td>
<td>DISCUSSION</td>
<td></td>
</tr>
</tbody>
</table>

**LOCATION**

Foyer & Phoenix Salons V/VI
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:45 - 4:30 pm</td>
<td>SCIENTIFIC PAPERS: REHABILITATION</td>
<td>Phoenix Salons II/IV</td>
<td>Moderator: Donna Merkel, PT, MS, SCS, CSC</td>
</tr>
<tr>
<td>3:45 - 3:52 pm</td>
<td>RESEARCH UPDATE &amp; LITERATURE HIGHLIGHTS</td>
<td></td>
<td>Elliot Greenberg, MD</td>
</tr>
<tr>
<td>3:53 - 3:58 pm</td>
<td>HEALTHY PEDIATRIC ATHLETES HAVE SIGNIFICANT BASELINE LIMB ASYMMETRIES ON COMMON RETURN TO SPORT PERFORMANCE TESTS</td>
<td></td>
<td>John Magill, PT, DPT</td>
</tr>
<tr>
<td>3:59 - 4:04 pm</td>
<td>RETURN TO SPORT PHYSICAL PERFORMANCE TESTING IN CHILDREN - BUILDING POPULATION NORMS</td>
<td></td>
<td>Heather Myers, PT, DPT</td>
</tr>
<tr>
<td>4:05 - 4:10 pm</td>
<td>RELIABILITY AND STABILITY OF THE Y BALENCE TEST IN HEALTHY EARLY ADOLESCENT FEMALE ATHLETES</td>
<td></td>
<td>Eric T. Greenberg, DPT, SCS, CSCS</td>
</tr>
<tr>
<td>4:11 - 4:16 pm</td>
<td>LESS THAN HALF OF YOUTH ATHLETES CAN ACHIEVE 90% LIMB SYMMETRY ON A BATTERY OF SINGLE LEG HOP TESTS</td>
<td></td>
<td>Elliot Greenberg, PT, PhD</td>
</tr>
<tr>
<td>4:17 - 4:30 pm</td>
<td>DISCUSSION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4:30 - 5:15 pm</td>
<td>SCIENTIFIC PAPERS: OCD</td>
<td>Phoenix Salons I/II</td>
<td>Moderator: Kevin Shea, MD</td>
</tr>
<tr>
<td>4:30 - 4:35 pm</td>
<td>ADOLESCENT OBESITY IS ASSOCIATED WITH MORE SEVERE PRESENTATIONS OF OSTEOCHONDROSIS DISSECVANS OF THE KNEE</td>
<td></td>
<td>Davis L. Rogers, BA</td>
</tr>
<tr>
<td>4:36 - 4:41 pm</td>
<td>RACE INDEPENDENTLY PREDICTS UNSUCCESSFUL HEALING OF OSTEOCHONDROSIS DISSECVANS IN THE PEDIATRIC KNEE</td>
<td></td>
<td>Jigar S. Gandhi, PharmD</td>
</tr>
<tr>
<td>4:42 - 4:47 pm</td>
<td>RETROGRADE DRILLING FOR OSTEOCHONDROSIS DISSECANS OF THE TALUS IN A PEDIATRIC POPULATION: A RETROSPECTIVE STUDY</td>
<td></td>
<td>Marie-Lyne Nault, MD</td>
</tr>
<tr>
<td>4:48 - 5:07 pm</td>
<td>DISCUSSION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4:54 - 5:07 pm</td>
<td>DISCUSSION</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Moderator: Bianca Edison, MD MS FAAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:45 - 3:52 pm</td>
<td>RESEARCH UPDATE &amp; LITERATURE HIGHLIGHTS</td>
<td></td>
<td>Katherine Rizzone, MD, MPH</td>
</tr>
<tr>
<td>3:53 - 3:58 pm</td>
<td>ANTERIOR CRUCIATE LIGAMENT INJURIES IN HIGH SCHOOL FEMALE AND MALE SOCCER ATHLETES: ARE MATCH ACL RATES BEING UNDERESTIMATED?</td>
<td></td>
<td>Aaron D. Gray, MD</td>
</tr>
<tr>
<td>3:59 - 4:04 pm</td>
<td>SEX-BASED DIFFERENCES IN THE OUTCOMES OF ACL RECONSTRUCTION WITH QUADRICEPS TENDON – PATELLAR AUTOGRAGT IN ADOLESCENT PATIENTS</td>
<td></td>
<td>Alexia G. Gagliardi, BA</td>
</tr>
<tr>
<td>4:05 - 4:10 pm</td>
<td>RELATIONSHIP BETWEEN AGE AND RED-S OR FEMALE ATHLETE TRIAD RISK LEVEL</td>
<td></td>
<td>Bryan Holtzman, BA</td>
</tr>
<tr>
<td>4:11 - 4:16 pm</td>
<td>NEURAL CORRELATES OF KNEE MOTOR CONTROL FOR YOUNG FEMALES WITH PATELLOFEMORAL PAIN</td>
<td></td>
<td>Jed A. Diekfuss, PhD</td>
</tr>
<tr>
<td>4:17 - 4:30 pm</td>
<td>DISCUSSION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4:30 - 5:15 pm</td>
<td>SCIENTIFIC PAPERS: SLEEP, PILLS AND ROCK N ROLL</td>
<td>Phoenix Salons I/II</td>
<td>Moderator: Jane Chung, MD</td>
</tr>
<tr>
<td>4:30 - 4:35 pm</td>
<td>SPORTS PERFORMANCE, SLEEP AND ANXIETY IN CHILDREN AND ADOLESCENTS: PRELIMINARY RESULTS OF A LONGITDUINAL STUDY</td>
<td></td>
<td>Nataliya Sarkisova, BS</td>
</tr>
<tr>
<td>4:36 - 4:41 pm</td>
<td>SIGNIFICANT NATIONWIDE VARIATION EXISTS IN OPIOID PRESCRIPTION RATES AMONGST PEDIATRIC PATIENTS WITH ACL INJURIES: A RETROSPECTIVE COHORT STUDY</td>
<td></td>
<td>Dharman Anandarajan, BS</td>
</tr>
<tr>
<td>4:42 - 4:47 pm</td>
<td>OPIOID USE IN ADOLESCENTS FOLLOWING HIP AND KNEE ARTHROSCOPY</td>
<td></td>
<td>Cliff Willimon, MD</td>
</tr>
<tr>
<td>4:48 - 5:07 pm</td>
<td>LACK OF SLEEP AMONG YOUTH ATHLETES IS ASSOCIATED WITH A HIGHER PREVALENCE OF SELF-REPORTED HISTORY OF ANXIETY AND DEPRESSION</td>
<td></td>
<td>Andrea Straccioli, MD</td>
</tr>
<tr>
<td>4:54 - 5:07 pm</td>
<td>DISCUSSION</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
AWARDS CEREMONY
Andrew Gregory, MD

Achievement Award for Athletic Training (national) - Tamara McLeod Valovich, PhD, ATC, FNATA
Achievement Award for Athletic Training (local) - Julianne Schmidt, PhD, ATC
Achievement Award for Physical Therapy (national) - Joe Molony, PT, MS, SCS, CSCS
Achievement Award for Physical Therapy (local) - Julie Johnson, PT, MPT, SCS, CSCS
Hank Chambers Award for Best Scientific Paper
  Specialty Award for Physical Medicine or Surgery - TBD
  Specialty Award for Physical Therapy - TBD
  Specialty Award for Athletic Training - TBD
Kevin G. Shea Award for Best Scientific Poster
  Specialty Award for Physical Medicine or Surgery - TBD
  Specialty Award for Physical Therapy - TBD
  Specialty Award for Athletic Training - TBD
Mininder S. Kocher Award for Most Promising Career - TBD

CLOSING REMARKS AND ADJOURNMENT
Andrew Gregory, MD

BOARD OF DIRECTORS MEETING
<table>
<thead>
<tr>
<th>Number</th>
<th>Title</th>
<th>Author(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Recovery of Lower Extremity Strength and Function Following ACL Reconstruction in Skeletally Immature Patients</td>
<td>Dai Sugimoto, PhD</td>
</tr>
<tr>
<td>2</td>
<td>ACL Growth with Age in Pediatric Patients: An MRI Study</td>
<td>Danielle Putur, BA</td>
</tr>
<tr>
<td>3</td>
<td>Sex Differences in Quadriceps Strength Among Adolescents Within 1 Year of ACL Reconstruction</td>
<td>Christopher Kuenze, PhD, ATC</td>
</tr>
<tr>
<td>5</td>
<td>Lateral Patellar Inclination in Children and Adolescents: Modified Measurement Technique to Characterize Patellar Instability</td>
<td>Christopher Cheng, BS</td>
</tr>
<tr>
<td>6</td>
<td>The Relationship Between Perceived Social Support and Psychological Factors Related to Returning to Sport in Adolescents Following Anterior Cruciate Ligament Reconstruction</td>
<td>Aubrey Armento, MD</td>
</tr>
<tr>
<td>7</td>
<td>Systematic Review of Surgical Indications for Tibial Derotational Osteotomy</td>
<td>Yushane Shih, MD</td>
</tr>
<tr>
<td>8</td>
<td>The Size and Positional Relationship of the Medial Patellofemoral Ligament in Early Pediatric Development</td>
<td>Philip Wilson, MD</td>
</tr>
<tr>
<td>9</td>
<td>The Evaluation of Supratrochlear Osseous Morphology: An Epidemiologic Study</td>
<td>Gabriel Onor, BS</td>
</tr>
<tr>
<td>10</td>
<td>Reliability of a New Landing Error Scoring System: The LESS-RMC</td>
<td>Ryan Wexler, BS</td>
</tr>
<tr>
<td>11</td>
<td>Quadriceps Tendon Turndowns for MPFL Reconstruction: An Anatomical Difference Between the Origins of the Quadriceps Tendon and MPFL on the Patella</td>
<td>Audrey Rustad, BS</td>
</tr>
<tr>
<td>12</td>
<td>Quadriceps Strength Changes Across the Continuum of Care Following Anterior Cruciate Ligament Injury in Adolescent Males and Females</td>
<td>Shiho Goto, PhD, ATC</td>
</tr>
<tr>
<td>13</td>
<td>“Relative” Risk of ACL Re-Injury</td>
<td>Joshua T. Bram, BS</td>
</tr>
<tr>
<td>14</td>
<td>Iliotibial Band Autograft: What Size is the Graft? A Mathematical and Cadaveric Model</td>
<td>Jennifer Beck, MD</td>
</tr>
<tr>
<td>15</td>
<td>Inconsistent 6-Month Function and Isokinetic Test Results Following ACL Reconstruction in a Group of Skeletally Immature Pediatric Patients</td>
<td>Todd A. Milbrandt, MD</td>
</tr>
<tr>
<td>16</td>
<td>ACL Graft Failure in Professional Athletes Compared to the Pediatric Population</td>
<td>Nirav K. Pandya, MD</td>
</tr>
<tr>
<td>17</td>
<td>Return to Sport and Reoperation Rates in Patients Under the Age of 20 Following Primary Anterior Cruciate Ligament Reconstruction: Risk Profile Comparing Three Patient Groups Predicated Upon Skeletal Age</td>
<td>Daniel W. Green, MD</td>
</tr>
<tr>
<td>18</td>
<td>An Investigation of the Surgical Anatomy of the Pediatric Iliotibial Band</td>
<td>Philip Wilson, MD</td>
</tr>
<tr>
<td>19</td>
<td>Biomechanic Data-Driven Behavior Modification to Reduce Concussion Risk in High School Football Athletes</td>
<td>Patricia R. Combs, Med, ATC</td>
</tr>
<tr>
<td>20</td>
<td>Assessing Patient Outcomes Following a Fracture</td>
<td>Emily A. Sweeney, MD</td>
</tr>
<tr>
<td>21</td>
<td>The Use of Patient Reported Outcome Measures by Primary Medical Providers in the Pediatric Sports Population</td>
<td>Jamila N. Aberdeen, PT, DPT, OCS</td>
</tr>
<tr>
<td>22</td>
<td>Readability of the Disablement of the Physically Active (DPA) Scale in Pediatric Athletes</td>
<td>Ashley N. Marshall, PhD, ATC</td>
</tr>
<tr>
<td>23</td>
<td>A Biomechanical Comparison of Suture Anchor vs. Interference Screw Technique for Patellar Fixation for Medial Patellofemoral Ligament Reconstruction</td>
<td>Kunal Kafr, MD</td>
</tr>
<tr>
<td>24</td>
<td>Increased Incidence of Acute Patellar Instability and Patellar Instability Surgery Across the United States in Pediatric &amp; Adolescent Patients</td>
<td>Matthew D. Milewski, MD</td>
</tr>
<tr>
<td>25</td>
<td>Sport Specialization is a Risk Factor for Overuse, But Not Acute, Lower Extremity Injuries: A Prospective Study</td>
<td>David Bell, PhD, ATC</td>
</tr>
<tr>
<td>26</td>
<td>Variation in Preferred Technique for Anterior Cruciate Ligament Reconstruction in the Skeletally Immature: Where Do We Stand?</td>
<td>Neeraj M. Patel, MD, MPH, MBS</td>
</tr>
<tr>
<td>27</td>
<td>Post Operative Pain Assessment and Opioid Use Following ACL Reconstruction with Quadriceps Versus Hamstring Tendon Autograft in Adolescents and Young Adults</td>
<td>Elizabeth S. Liotta, MBBS</td>
</tr>
</tbody>
</table>
2019 SCIENTIFIC POSTERS, continued

28 PATIENT REPORTED OUTCOME SCORES DIFFER IN ADOLESCENTS WHO DISCONTINUE ATHLETIC PARTICIPATION FOLLOWING CONCUSSION
Regina O. Kostyun, MSed, ATC

29 URINARY INCONTINENCE IS MORE COMMON IN ADOLESCENT FEMALE ATHLETES WITH LOW ENERGY AVAILABILITY
Kristin E. Schwarz, MD, MA

30 THE NATURAL HISTORY OF TYPE VII ALL INTRA-EPIPHYSEAL FRACTURES OF THE LATERAL MALLEOLUS
James Gamble, MD

31 ARE THERE SIDE-TO-SIDE DIFFERENCES IN KNEE MORPHOLOGY IN PATIENTS WITH BILATERAL PATELLAR INSTABILITY
Shital Parikh, MD

32 MIDDLE AND LOWER BODY BONE STRESS INJURIES IN THE PEDIATRIC POPULATION
Jane Chung, MD

33 DO Tibial Eminence Fractures and Anterior Cruciate Ligament Tears Have Similar Outcomes?
Todd Milbrandt, MD

34 REDUCTION IN HAMSTRING AUTOGRAFT DIAMETER AS A RESULT OF ACL RECONSTRUCTION PREPARATION USING LONGITUDINAL TENSION AND CIRCUMFERENTIAL COMPRESSION
Calvin Chan, BS

35 LONG-TERM FOLLOW-UP OF SKELETALLY IMMATURE PATIENTS WITH THE PHYSEAL-SPARING COMBINED EXTRA-/INTRA-ARTICULAR HIOTIBIAL BAND ACL RECONSTRUCTION: KINEMATIC AND KINETIC RESULTS
Dai Sugimoto, PhD

36 COMPLICATION ANALYSIS OF PEDIATRIC AND ADOLESCENT ACL RECONSTRUCTIONS IN THE ABOS DATABASE
Henry B. Ellis, MD

37 NOVEL TECHNIQUE FOR REPAIRING PARTIAL ACL TEARS: BIOMECHANICAL ANALYSIS OF AN OSTEOTOMY USING A CADAVERIC MODEL
R. Jay Lee, MD

38 CAN A WEARABLE NEUROMUSCULAR DEVICE REPLACE NEUROMUSCULAR TRAINING PROGRAMS?
Sean Higinbotham, BS

39 AGE, BODY MASS INDEX AND SEX RELATED TO DYNAMIC KNEE VALGUS AND SHOCK ABSORPTION DURING SINGLE LEG LANDING IN UNINJURED ADOLESCENT ATHLETES
Bianca Edison, MD, MS, FAAP

40 USING AN INTEGRATED KNOWLEDGE TRANSLATION APPROACH TO INFORM THE DEVELOPMENT AND EVALUATION OF ACTIVE & SAFE CENTRAL: AN ON-LINE PLATFORM OF EVIDENCE-BASED SPORT AND RECREATIONAL INJURY INFORMATION.
Ian Pike, PhD

41 PATELLAR StABILIZATION PROCEDURES IN THE PEDIATRIC POPULATION: INCIDENCE AND DEMOGRAPHICS
Brian Haus, MD

42 INCREASED HOURS OF TRAINING PER WEEK IS ASSOCIATED WITH DECREASED SLEEP IN PEDIATRIC & ADOLESCENT ATHLETES
Matthew D. Milewski, MD

43 OPERATIVE DECISION-MAKING FOR PEDIATRIC TIBIAL SPINE FRACTURES: ASSESSING THE EFFECT OF SURGEON EXPERIENCE AND RISK-AVERSION AND PATIENT AGE, SEX, INJURY TYPE, AND ATHLETIC LEVEL USING A MIXED EFFECTS MODEL
Julien T. Aoyama, BA

44 MEDIAL AND LATERAL POSTERIOR TIBIAL SLOPE IN THE SKELETALLY IMMATURE: A HUMAN CADAVERIC STUDY
Nicolas G. Anchustegui

45 DOES THE USE OF A “HYBRID” GRAFT ALTER GRAFT FAILURE RATES OR OUTCOMES IN ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION? A SYSTEMATIC REVIEW AND META-ANALYSIS
Jennifer Beck, MD

46 CHRONIC LACK OF SLEEP IS ASSOCIATED WITH INCREASED SPORTS INJURY IN ADOLESCENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS
Aristides I. Cruz, Jr., MD, MBA

47 10-MINUTE 3D MRI IN CHILDREN WITH ACUTE KNEE TRAUMA: ARTHROSCOPY-BASED DIAGNOSTIC ACCURACY FOR THE DIAGNOSIS OF INTERNAL DERANGEMENT
R. Jay Lee, MD

48 VITAMIN D TRENDS IN THE PEDIATRIC ORTHOPAEDIC POPULATION: A SURVEY
Kevin A. Williams, MD

49 THE ASSOCIATION BETWEEN EARLY EXERCISE AND CLINICAL CHARACTERISTICS FOLLOWING PEDIATRIC SPORT-RELATED CONCUSSION
Julie Wilson, MD

50 ACUTE PERFORMANCE ON A VESTIBULAR AND OCULAR MOTOR SCREENER AND RECOVERY FOLLOWING CONCUSSION
Scott O. Burkhart, PsyD

51 DIFFERENCE IN RECOVERY TIME BETWEEN GENDERS AFTER CONCUSSION
Anita Herrera-Hamilton, PhD ABPP-CN

52 BORDERLINE DYSPLASIA: ARE THESE HIPS ONLY MILDLY UNCOVERED?
Michael McClincy, MD

53 SENSITIVITY OF MAGNETIC RESONANCE IMAGING FOR LABRAL PATHOLOGY IN ADOLESCENT AND YOUNG ADULT ATHLETES
Christine Kelly, MS, ATC

54 COMPARISON OF PROPHYLACTIC IN-SITU SCREW FIXATION VERSUS OBSERVATION OF THE ASYMPTOMATIC CONTRALATERAL HIP IN SLIPPED CAPITAL FEMORAL EPIPHYSIS (SCFE)
Brian Haus, MD

55 EARLY RESULTS OF AN INJURY-PREVENTION PROGRAM IN HIGH SCHOOL TRACK ATHLETES
Gregory A. Schmale, MD

56 THE DISTANCE BETWEEN TIBIAL PHYSIS AND CORONARY LIGAMENT: A PEDIATRIC CADAVERIC STUDY
Aleksei Dingel, BS
2019 SCIENTIFIC POSTERS, continued

57 QUANTITATIVE ANALYSIS OF THE VASCULARITY OF SKELETALLY IMMATURE FEMORAL CONDYLES: A CADAVER STUDY USING CONTRAST-ENHANCED MAGNETIC RESONANCE IMAGING
Naomi Gadnisky, MD

58 MACHINE-LEARNING IDENTIFIES BEST MEASURES TO PREDICT ACL RECONSTRUCTION OUTCOME
Anish GR Potty, MD

59 INCREASING HOSPITAL ADMISSIONS FOR PATELLAR INSTABILITY: A NATIONAL DATABASE STUDY FROM 2004-2017
Corinna C. Franklin, MD

60 LATERAL TROCHLEAR INCLINATION IN CHILDREN AND ADOLESCENTS: MODIFIED MEASUREMENT TECHNIQUE TO CHARACTERIZE PATELLAR INSTABILITY
Sheeba M. Joseph, MD, MS

61 OVER-THE-TOP VERSUS ALL-EPIPHYSEAL TECHNIQUE FOR PHYSICAL SPARING ACL RECONSTRUCTION
Nirav K. Pandya, MD

62 Anatomical Dissection and CT Imaging of the Anterior Cruciate and Medial Collateral Ligament Footprint Anatomy in Skeletally Immature Cadaver Knees
Aleksei Dingel, BS

63 COULD LOWER EXTREMITY INJURIES INCREASE BMI IN CHILDREN?
Marissa Mastrocola, BS

64 BODY IMAGE AND ITS ROLE IN YOUTH SPORTS PARTICIPATION
Cassidy Foley Davelaar, DO, FAAP, CAQSM

65 SQUATTING MECHANICS FOLLOWING AN OSTEOCHONDROPLASTY FOR IDIOPATHIC FEMOROACETABULAR IMPINGEMENT
Henry B. Ellis, MD

66 DEMOGRAPHICS OF PEDIATRIC AND ADOLESCENT PATIENTS WITH DISCOID MENISCI
Nirav K. Pandya, MD

67 ADOLESCENTS WITH SPONDYLYLISIS HAVE LOWER SRS-22 SCORES THAN CONTROLS AND PEERS WITH SCOLIOSIS
Nicole A. Barney, BS

68 GENDER DISPARITIES IN PATIENT-REPORTED OUTCOMES OF SPORTS-RELATED CONCUSSION PATIENTS
Katherine Rizzone, MD, MPH

69 THE UTILITY OF PUPILLARY LIGHT REFLEX AS AN OBJECTIVE BIOMARKER OF ACUTE CONCUSSION IN THE ADOLESCENT ATHLETE
Olivia E. Podolak, MD

70 AGE APPROPRIATENESS OF COMMON NEUROMUSCULAR TRAINING EXERCISES
Joseph J. Janosky, MS, PT, ATC

71 SEX DIFFERENCES IN ANTERIOR CRUCIATE LIGAMENT INJURIES AMONG US HIGH SCHOOL SOCCER PLAYERS: AN EPIDEMIOLOGIC STUDY
Michael Saper, DO, ATC, CSCS

72 PATIENT REPORTED KNEE FUNCTION AND STABILITY IN PATIENTS WITH FIBULAR DEFICIENCY
Matthew J. Brown, MD

73 PHYSICAL SPARING DISTAL FEMORAL TROCHLEOPLASTY: A TECHNIQUE ANALYSIS IN A PEDIATRIC CADAVERIC MODEL
Philip Wilson, MD

74 SUPPLEMENTAL VITAMIN D FOR PREVENTION OF BONE STRESS INJURIES IN COLLEGIATE ATHLETES
Kevin A. Williams, MD

75 OUTCOMES OF SURGICAL TREATMENT OF OSTEOCHONDRAL LESIONS OF THE ELBOW IN PEDIATRIC AND ADOLESCENT ATHLETES
Nirav K. Pandya, MD
2019 ANNUAL MEETING EPOSTERS

All 2019 ePosters accepted for the PRiSM 6th Annual Meeting are available for viewing on the PRiSM website at http://www.prismsports.org/events/2019-annual-meeting/eposters until March 31, 2019. Eposters will be available for viewing on monitors throughout the 2nd Floor Foyer.

1. REASONS PEDIATRIC ATHLETES CONTINUE TO PLAY AFTER CONCUSSION
   Aaron J. Zynda, BS, CCRP; Meagan J. Sabatino, BA; Jane Chung, MD; Munro Cullum, PhD; Shane M. Miller, MD

2. HEALTH-RELATED QUALITY OF LIFE FOLLOWING ADOLESCENT SPORTS-RELATED CONCUSSION OR FRACTURE: A PROSPECTIVE COHORT STUDY
   Kelly F. Russell, PhD; Erin Selci, BSc; Brian Block, MD; Michael Ellis, MD

3. THE RELATIONSHIP OF ACETABULAR AND FEMORAL VERSION IN PATIENTS UNDERGOING PERIACETABULAR OSTEOTOMY
   Andrea M. Spiker, M.D.; Kara G. Fields; Alexandra Wong, BS; Ernest L. Sink, MD

4. FEMOROACETABULAR IMPINGEMENT INSURANCE COVERAGE TRENDS IN RECENT YEARS: A COHORT BASED ANALYSIS
   Jeffrey J. Nepple, MD; Arya Minaie, BS; James Ross; Lijiliana Bogunovic, MD; John Clohisy

5. PREVENTING INJURY IN YOUTH ATHLETES (PRIYA)
   Neeru Jayanthi, MD

6. TUCK JUMP ASSESSMENT AS AN INDICATOR OF PREVIOUS UPPER EXTREMITY INJURY
   Jeff W. Barfield, MS, CSCS; Gretchen D. Oliver, PhD, FACSM, ATC

7. THE UTILITY OF STABILITY AND TEAR LOCATION IN A CLASSIFICATION SYSTEM FOR DISCOID MENISCUS SURGICAL PLANNING
   Brian W. Yang, BA; Catherine Logan; Kathryn Williams, MS; Frances Tepolt, MD; Nikolaos Paschos, MD, PhD; Mininder S. Kocher, MD MPH

8. MENISCUS REPAIR VERSUS DEBRIDEMENT FOR MENISCAL TEARS IN PEDIATRIC PATIENTS – PREDICTORS FOR TREATMENT BASED ON DEMOGRAPHICS
   Lauren Agatstein, BA, MA; Alton W. Skaggs, BS; Matthew J. Brown, MD; Nicole Friel, MD MS; Brian Haus, MD

9. DEFINING A SAFE ZONE FOR ALL INSIDE LATERAL MENISCUS REPAIRS IN PEDIATRIC PATIENTS: A MAGNETIC RESONANCE IMAGING STUDY
   Jennifer Beck, MD; Kendall Shifflett, BS; Danielle Greg, MD; Edward Ebranmzadeh, PhD; Richard E. Bowen, MD

10. THE RATE OF MENISCUS TEARS IN ASSOCIATION WITH ANTERIOR CRUCIATE LIGAMENT INJURIES INCREASES WITH AGE
    Melissa Christino, MD; S. Clifton Willimon, MD; Crystal Perkins, MD; Belinda Schaafisma, BS; Michael Busch, MD

11. OUTCOMES OF BIOABSORBABLE FIXATION OF OSTEochondral INJURIES IN THE PEDIATRIC AND ADOLESCENT KNEE
    Shawn Nguyen, Do; Katie L. Fletcher, BS; John A. Schlechter, DO

12. OCD-LIKE DISTAL FEMORAL LESIONS IN CHILDREN WITH BLUMENT DISEASE: WHAT IS THE CLINICAL RELEVANCE?
    Flo Edabor-Osula, MD, MPH; Tamir Bloom; Ciaxix Zhao, MD; Cornelia Wenokor, MD; Sanjeev Sabharwal, MD, MPH

13. FLEXOR HALLUCIS LONGUS TENOLYSIS/TENOSYNOVECTOMY IN DANCERS
    Elizabeth L. Barchi, MD; Donald Rose, MD; Stephanie Swensen, MD; Tracy Espiritu-McKay, DO

14. SINGLE-LEG HOP PERFORMANCE IS A PREDICTOR FOR PATIENT-REPORTED OUTCOMES FOLLOWING A LOWER EXTREMITY INJURY
    Janet E. Simon, PhD, AT; Jae Yom; Dustin R. Grooms, PhD

15. PATELLAR HEIGHT: COMPARISON OF MEASUREMENT TECHNIQUES AND CORRELATION WITH OTHER PATHOANATOMIC MEASURES OF PATELLAR INSTABILITY
    Sheeba M. Joseph, MD, MS; Christopher Cheng, BS; Matthew J. Solomito, PhD; J. Lee Pace, MD

16. DEVELOPMENT OF A CONCISE LOWER EXTREMITY PHYSICAL PERFORMANCE TEST SET FOR A RETURN TO SPORT DECISION MAKING IN PEDIATRIC POPULATIONS
    Trevor Lents, PT, DPT, PhD

17. BMI INCREASES AFTER ACL-RECONSTRUCTION IN ADOLESCENTS
    Regina Hanstein, PhD; Noah Kirschner; Christine Moloney, PA; Eric Fornari, MD

18. OUTCOMES OF ARTHROSCOPIC BANKART REPAIR IN THE PEDIATRIC AND ADOLESCENT POPULATION: HIGH RATES OF FAILURE
    Nirav K. Pandya, MD; Jonathan Kramer, MD

19. CONTINUED CLAVICULAR GROWTH DURING ADOLESCENCE AND EARLY ADULTHOOD
    Jessica Hughes, MD; Peter Newton, MD; Tracey Bastrom, MA; Andrew Pennock, MD

20. THE DISCRIMINATE ABILITY OF THE PEDIATRIC ADOLESCENT SHOULDER SURVEY (PASS)
    Tracey Bastrom, MA; Andrew Pennock, MD; Eric W. Edmonds, MD, FAOA

21. EXPLORING COACH PERCEPTIONS OF YOUTH SPORT SPECIALIZATION: A COMPARISON OF THE HIGH SCHOOL AND CLUB SPORT CONTEXTS
    Justin S. DiSanti, M.S.; Eric G. Post, PhD, ATC; David Bell, PhD, ATC; Dan Schaefer, MS; M. Alison Brooks, MS; Timothy A. McGuine, PhD ATC; Karl T. Erickson, Ph.D.

22. SESAMOID INJURIES IN PEDIATRIC AND ADOLESCENT ATHLETES PRESENTING TO SPORTS MEDICINE CLINIC
    Andrea Stracciolini, MD; Bridget W. Dahlberg, MPH; Bridget Quinn; Dai Sugimoto, PhD; Cynthia Stein

23. USE OF A WASHER DOES NOT AFFECT THE RATE OF IMPLANT REMOVAL OR ELBOW MOTION AFTER FIXATION OF MEDIAL EPICONDYLE FRACTURES
    Neeraj M. Patel, MD, MPH, MBS; Christopher R. Gajewski, BA; Anthony M. Ascoli, BS; J. Todd Lawrence, MD
2019 ANNUAL MEETING EPOSTERS, continued

24 COMPARISON OF POSTOPERATIVE PAIN SCORES AND MEDICATION USAGE BETWEEN THREE PAIN CONTROL STRATEGIES FOR PEDIATRIC ANTERIOR CRUCIATE LIGAMENT (ACL) SURGERY
John F. Lovejoy III, MD; Lisgelia Santana, MD; Alfred Atanda Jr., MD; David Mandel, MD; Jason Day, BS; Gary M. Kiebzak, PhD

25 TIBIAL TUBERCLE FRACTURES IN CHILDREN AND ADOLESCENTS
Daniel B. Haber, MD; Frances Tepolt, MD; Michael McClincy, MD; Leslie Kalish, Sc.D; Mininder S. Kocher, MD MPH

26 RE-TEAR AND RE-OPERATION RATES FOR PEDIATRIC AND ADOLESCENT ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION
Nirav K. Pandya, MD

27 ARTICULAR CARTILAGE THICKNESS OF THE PEDIATRIC KNEE: IMPLICATIONS FOR CARTILAGE IMPLANTATIONS
Audrey Rustad, BS; Nicolas G. Anchustegui; Stockton Troyer; Cooper Shea, BS; Aleksei Dingel, BS; Kevin Shea, MD

28 PEDIATRIC ACL RECONSTRUCTION: DOES THE FEMORAL PEEK IMPLANT CAUSE TUNNEL WIDENING?
Lydia Saad; Guy Grimard; Marie-Lyne Nault, MD

29 DISTAL ULNA PHYSEAL ARREST FOLLOWING DISTAL FOREARM FRACTURES IN CHILDREN
Trevor J. Shelton, MD, MS; J. Ryan Taylor, MD, MPH; Lauren Agatstein, BA, MA; Andrea Bauer, MD, MPH; Brian Haus, MD
FACULTY
Aaron D. Gray, MD
Aaron J. Zynda, BS CCRP
Aaron Provance, MD
Adam Khan, MD
Aleksei Dingel, BS
Alexander J. Adams, BS
Alexia G. Gagliardi, BA
Amanda M. Black, CAT(C) PhD
Andrea Stracciolini, MD
Andrew Gregory, MD
Andrew Pennock, MD
Angelina Iyinbor, BA
Aubrey Armento, MD
Avery Faigenbaum, EdD CSCS FACSM FNSCA
Benton E. Heyworth, MD
Brad W. Willis, PT MPT
Bryan Holtzman, BA
Carl W. Nissen, MD
Cheryl Hartzell, MD
Chris Hendley, PT DPT SCS
Christina Master, MD
Christopher Cheng, BS
Christopher Kuenze, PhD ATC
Cordelia Carter, MD
Corinna Franklin, MD
Crystal Perkins, MD
Curtis VandenBerg, MD
Dai Sugimoto, PhD
Dan Benardot, PhD DHC RD LD FACSM
Daniel Green, MD
Danielle Putur, BA
David R. Howell, PhD
Davis L. Rogers, BA
Dharman Anandarajan, BS
Douglas Casa, PhD ATC FNAA FACSM FNATA
Elizabeth Graesser, BS
Elizabeth Liotta, MBBS
Elliot Greenberg, PT PhD
Eric Fornari, MD
Eric G. Post, PhD ATC
Eric T. Greenberg, DPT SCS CSCS
Gabriel Onor, BS
Hayley J. Root, PhD MPH ATC
Heather Myers, PT DPT
Henry B. Ellis, MD
J. Todd Lawrence, MD
Jamila N. Aberdeen, PT DPT OCS
Jason Rhodes, MD
Javier Besomi, MD
Jay Albright, MD
Jed A. Diekfuus, PhD
Jeffrey J. Nepple, MD
Jenn Beck, MD
Jeromote Lowe, BS
Jie Nguyen, MD, MS
Jim MacDonald MD
John Erickson, DO
John Magill, PT DPT
Jonathon Riboh, MD
Joshua Goldman, MD MBA
Julien T. Aoyama, BA
K. John Wagner, III, BS
Katherine Rizzone, MD MPH
Katherine Shary, RD LD
Kathryn Ackerman, MD
Kelley W. Marshall, MD
Kevin Latz, MD
Kevin M. Biese, MA ATC
Kirsten Turchin-Francis, PhD
Kristina Johnson, ATC OPA-C
Kurt Nilsson, MD, MS
Landon B. Lempek, MEd ATC
Lauren Agatstein, BA MA
Marc Welsh,
Marie-Lyne Nault, MD
Mark Paterno, PT PhD MBA SCS ATC
Meagan J. Sabatino, BA
Meghan E. Bishop, MD
Melissa Christino, MD
Michael Busch, MD
Michael Saper, DO ATC CSCS
Mininder S. Kocher, MD MPH
Natalya Sarkisova, BS
Neeraj M. Patel, MD MPH MBSw
Neeru Jayanthi, MD
Nirav K. Pandya, MD
Orlando D. Sapp, MD
Pat Riley, MD
Patricia B. Delzell, MD
Paul M. Saluan, MD
Peter D. Fabricant, MD MPH
Peter Kriz, MD
Philip Wilson, MD
Pierre d’Hemecourt, MD
S. Clifton Willimon, MD
Sasha Carse, MD
Scott McKay, MD
Scott O. Burkhardt, PsyD
Shane M. Miller, MD
Shivani Sadwal, BS
Spero Karas, MD
Stephen C. Bunt, EdD
Tamara C. Valovich McLeod, PhD ATC FNATA
Todd A. Milbrandt, MD
Tracy Zaslowsky, MD AAP CAQSM
Trevor J. Shelton, MD MS
Tuakli-Wosornu, MD
Xochitl Mellor, BS
Yushane Shih, MD
DISCLOSURE OF CONFLICT OF INTEREST

The following table of disclosure information is provided to learners and contains the relevant financial relationships that each individual in a position to control the content disclosed to Amedco. All of these relationships were treated as a conflict of interest, and have been resolved. (C7 SCS 6.1–6.2, 6.5) All individuals in a position to control the content of CE are listed in the program book. If their name is not listed below, they disclosed that they had no relevant financial relationships.

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Entity/Relationship</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daniel Green, MD</td>
<td>PEGA Medical, Arthrex – Royalties</td>
</tr>
<tr>
<td>Nirav K. Pandya, MD</td>
<td>Orthopediatrics – Honorarium</td>
</tr>
<tr>
<td>Patricia B. Delzell, MD</td>
<td>Siemens – Honorarium</td>
</tr>
<tr>
<td>Andrew Pennock, MD</td>
<td>Orthopediatrics Imagen – Salary/Stock Options</td>
</tr>
<tr>
<td>Jason Rhodes, MD</td>
<td>Orthopediatrics – Consulting Fees</td>
</tr>
<tr>
<td>Lauren Agatstein, BA, MA</td>
<td>Abbott Lab &amp; Abbvie Inc. – Stock owner</td>
</tr>
<tr>
<td>Mininder S. Kocher, MD, MPH</td>
<td>Smith &amp; Nephew – Consulting; Ossur/Orthopediatrics – Royalties</td>
</tr>
<tr>
<td>S. Clifton Willimon, MD</td>
<td>Smith &amp; Nephew Endoscopy – Honoarium for teaching courses</td>
</tr>
<tr>
<td>Todd A. Milbrandt, MD</td>
<td>Orthopediatrics – Honorarium; Broadwater – Honorarium; Viking Scientific – Stockholder</td>
</tr>
<tr>
<td>J. Todd Lawrence, MD</td>
<td>Sawbones – Intellectual property/patent</td>
</tr>
<tr>
<td>Jeffrey J. Nepple, MD</td>
<td>PRIsm/Arthroscopy Journal – Member; Smith &amp; Nephew – Consultant for fees; Zimmer Biomet/Smith &amp; Nephew – Grants; Responsive – Royalties</td>
</tr>
<tr>
<td>Jonathon Riboh, MD</td>
<td>Stryker Sports Medicine – Hourly Consultant; Restor 3D – Stock Options</td>
</tr>
<tr>
<td>Michael Saper, DO, ATC, CSCS</td>
<td>Arthrex, Inc – speaker’s fee; Seattle Children’s – Research Grant</td>
</tr>
<tr>
<td>Jay Albright, MD</td>
<td>PRIsm – Advisor/Board; Arthrex – Speaker, Honorarium and research support</td>
</tr>
<tr>
<td>James MacDonald, MD, MPH</td>
<td>Wolters/Kluwer Clinical Journal of Sport Medicine – Honorarium for Work on Editorial Board &amp; Author</td>
</tr>
<tr>
<td>Carl W. Nissen, MD</td>
<td>Vericel Corp &amp; Allosource Corp – Unrestricted grants given to ROCK, of which he is a member</td>
</tr>
</tbody>
</table>
PEDIATRIC RESEARCH IN SPORTS MEDICINE SOCIETY

PRESIDENT
Theodore Ganley, MD

FIRST VICE PRESIDENT
Andrew Gregory, MD

SECOND VICE PRESIDENT
Mark Paterno PT PhD MBA SCS AT-Ret.

TREASURER
John Polousky, MD

SECRETARY
Jay Albright, MD

PAST PRESIDENTS
Kevin Shea, MD (2017-2018)
Mininder Kocher, MD MPH (2016-2017)

DIRECTORS AT LARGE
Christina Master, MD CAQSM
Kenneth Rogers, PhD ATC
Philip Wilson, MD
David Bell, PhD ATC
Donna Merkel, PT MS SCS CSCS
Gregory Myer, PhD CSCS*D

COMMITTEE CHAIRS
Awards
Mark Paterno PT PhD MBA SCS AT-Ret.

Education
Matthew Milweski, MD
Matthew Schmitz, MD

Membership
Michael Busch, MD
Kristina Johnson ATC OPA-C

Research
Jeffrey Neppe, MD
Benton Heyworth, MD

SCIENTIFIC PROGRAM COMMITTEE
Cordelia Carter, MD, Co-Chair
Michael Busch, MD, Co-Chair
David Bell, PhD, ATC
Melissa Christino, MD
Jane Chung, MD
Allison Crepeau, MD
Aristides I. Cruz, Jr., MD, MBA
Matthew Ellington, MD
Shelly Fetchen-DiCesaro, PhD LAT ATC
Corinna C. Franklin, MD
Nicole Friel, MD MS
Jonathan Godin, MD MBA
Elliot Greenberg, PT PhD
Julie E. Johnson, PT MPT SCS CSCS
Kelley W. Marshall, MD
Keith May, PT DPT SCS ATC CSCS
Donna L. Merkel, PT MS SCS CSC
Marie-Lyne Nault, MD
Nirav K. Pandya, MD
Mark Paterno, PT PhD MBA SCS ATC
Crystal Perkins, MD
Katherine Rizzone, MD, MPH
Kenneth J. Rogers, PhD ATC
Gregory A. Schmale, MD
Kirsten Tulchin-Francis, PhD
Cliff Willimon, MD
Philip Wilson, MD

PRISM STAFF
Executive Director
John L. Augustyniak, CAE
Membership and Administrative Manager
Heather Schrader
Accountant
Christy Madore, CNAP
Consulting Partner
Kay Whalen, MBA CAE

PRISM Office
555 East Wells, Suite 1100
Milwaukee, WI 53202
Phone: 414.918.9876
Fax: 414.276.3349
Email: info@prismsports.org
PRiSM is a multidisciplinary society focused on research in pediatric sports medicine.

Features of PRiSM membership:
- Guiding new research by joining one of sixteen Research Interest Groups
- Leadership development through board and committee participation
- Registration discounts to the Annual Meeting

Join Pediatric Research in Sports Medicine Society today at www.prismsports.org