



VIRTUAL MEETING



30TH ANNUAL MEETING
APRIL 13 - 18, 2021

COME
TOGETHER:
SPORTS MEDICINE
FOR **EVERYBODY**

2021 AMSSM 30th Annual Meeting

This activity is being supported by unrestricted educational grants from:
Bioventus; Flexion Therapeutics, Inc.; FUJIFILM SonoSite, Inc.;
Össur Americas; Samsung; and Tenex Health.



2021 FOUNDATION SUPPORTERS

The American Medical Society for Sports Medicine Foundation
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- Healthy Learning
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- National Hockey League
- Wolters Kluwer (CJSM)



COME TOGETHER: SPORTS MEDICINE FOR EVERYBODY



Carlin Senter, MD, FAMSSM
Program Chair



Amy P. Powell, MD, FAMSSM
Incoming AMSSM President

APRIL 13 - 18, 2021

On behalf of the 2021 Program Planning Committee, we are excited to invite you to the Virtual AMSSM 30th Annual Meeting from April 13-18, 2021. The planning for this meeting has been shaped by our collective experience in the past year, a year of parallel crises of the COVID-19 pandemic and racial injustice. Our 2021 meeting theme is "Come Together: Sports Medicine for Everybody," a meeting theme that demonstrates our commitment to meeting together and our dual clinical missions of promoting exercise as medicine for all people and providing sports medicine care to all people. We are thrilled to bring you a fantastic line-up of speakers from around the country and around the world that will inspire, energize and educate. With this meeting we aim to bring you the up-to-the-moment and in-depth sports medicine knowledge that you need, as well as the collegiality and community-building that is generated by coming together as a membership.

Highlights of the 2021 meeting include:

- Presidential Keynote Speaker Billy Mills, an Oglala Lakota former track and field athlete who won the gold medal in the 10,000 meter run at the 1964 Tokyo Olympics and went on to co-found a nonprofit that focuses on diabetes prevention in Native American youth.
- Cindy J. Chang, MD, FAMSSM presenting the Hough Memorial Lecture on "What Essential Tools Are Needed to Become the Optimal Team Physician?"
- "What's the Latest?" – a selection of sessions aimed to provide you the most up-to-date sports medicine knowledge and skills on topics including:
 - Arthritis - Hypertension - Tendinopathy
 - Concussion - Orthobiologics - Throwing
 - COVID-19 - Running Biomechanics
 - Hip and Spine - Stress Fractures
- Deep Dives into Essential Topics Including
 - Exercise Medicine
 - Food is Medicine
 - Health Equity
 - Prevention of Sexual Violence in Sport
- Opportunities to exercise your clinical decision-making skills during the Sports Medicine Masqueraders session and Sports Medicine Case Podium and Poster presentations.
- Top Sports Medicine research presentations both on the podium and during poster sessions.
- Gathering with colleagues in AMSSM interest groups: Diversity, Emergency Medicine, Internal Medicine, Pediatrics, Physical Medicine and Rehabilitation; and in team physician groups including high school, collegiate/NCAA, Olympic/Paralympic, professional.

In addition to the above highlights, we will have excellent opportunities for further education and participation, such as:

- 2021 AMSSM CRN Summit: Exercise Medicine and Physical Activity Promotion
- Fundamental and Advanced Sports Ultrasound Pre-Conferences
- Fellowship Forum
- CAQ Board Review Pre-Conference
- Research Pre-Conference
- Regenerative Medicine Symposium
- SMART-EST Workshop
- AMSSM/NCAA Pre-Conference
- AMSSM/NCAA ECG Interpretation in the Athlete Workshop
- Key Issues for the Pro/Elite Team Physician Workshop

As for the logistics of the 2021 meeting, we are bringing the meeting to you this year. The meeting will be live-streamed in its entirety. Speakers will be available for live Q+A after their talks. Interest groups will be live and interactive in a meeting-style format. The meeting content will be available for 30 days after the meeting to view in order to claim CME credit and for 90 days afterwards to view for reference.

We hope you can join us!

Sincerely,

Carlin Senter, MD, FAMSSM
2021 Program Planning Committee Chair

Amy Powell, MD, FAMSSM
1st Vice President

PROGRAM PLANNING COMMITTEE

Carlin Senter, MD, FAMSSM;
Program Chair

Anthony I. Beutler, MD, FAMSSM

Cheri A. Blauwet, MD

Joel S. Brenner, MD, MPH, FAMSSM

Yvonne C. Chow, MD, MSMS

William Denq, MD

Sameer Dixit, MD, FAMSSM

Kyle Goerl, MD

Mederic M. Hall, MD

Melody Hrubes, MD

Sam Hwu, MD

Neelesh Kenia, MD

Jessica Knapp, DO

Cynthia R. LaBella, MD, FAMSSM

Matthew S. Leiszler, MD

Rebecca A. Myers, MD

Melissa Novak, DO

Andrew Peterson, MD,
MSPH, FAMSSM

Amy P. Powell, MD, FAMSSM

Tracy Ray, MD, FAMSSM

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Cleo D. Stafford, II, MD, MS

Mark Stovak, MD, FAMSSM

Nicole Stern, MD

Shelley Street Callender, MD

Jillian E. Sylvester, MD

Anna L. Waterbrook, MD

Kristina M. Wilson, MD, MPH,
FAMSSM

Craig C. Young, MD, FAMSSM

Jason L. Zaremski, MD

MEETING INFORMATION

PURPOSE

The AMSSM Annual Meeting is the premier educational meeting for sports medicine physicians and healthcare providers, and it highlights the latest research and medical practices to enhance the care of sports medicine patients.

Clinical Practice and Patient Care: Attendees will gain a valuable breadth of medical knowledge regarding injury and disease evaluation, prevention and treatment for individuals engaged in all levels of physical activity.

Scientific Research: The meeting provides an academic forum and support network to discuss cutting edge research and promote scientific inquiry.

Advocacy and Healthcare Quality: The meeting addresses important healthcare, practice and legislative issues affecting sports medicine providers and patients.

Education: Attendees will learn, discuss and develop the ability to teach current, future and controversial issues in sports medicine.

Professional Support and Collaboration: The meeting fosters faculty development, collegial relationships, camaraderie and networking among sports medicine physicians and healthcare providers with a variety of interests and backgrounds.

STATEMENT OF NEED

A need for this course has been determined based upon previous course evaluations. The content of this course was based on current issues and hot topics provided by the American Medical Society for Sports Medicine (AMSSM) membership and leadership. The learning need was determined by program meeting evaluations and members of the Program Planning Committee, which represent a diverse sample of the entire AMSSM membership. Networking with our members was also utilized to determine their need.

PROGRAM INFORMATION

AMSSM attests that the person(s) responsible for the development of this educational activity did so independently and were not influenced by commercial supporters.

FACULTY

A complete listing of the faculty will be included in the course syllabus.

DISCLOSURE STATEMENT

In accordance with the standards of the ACCME, it is the policy of AMSSM that faculty and planners disclose to the learners all financial relationships during the past 12 months with any commercial interest (any proprietary entity producing health care goods, or services consumed by, or used on, patients). All disclosures will be provided in the course syllabus, which will be distributed at the meeting to program participants. In accordance with AMSSM policy, faculty participation in this educational activity will be predicated upon timely submission and review of disclosures. Non-compliance will result in a faculty member being stricken from the program.

TARGET AUDIENCE

*Physicians and other health care providers
interested in the field of sports medicine.*

DISCLAIMER

The material in this continuing medical education program is being made available by AMSSM for educational purposes only. This material is not intended to represent the only, nor necessarily the best, methods or procedures appropriate for the medical situation discussed, but rather is intended to present an approach, view, statement or opinion of the authors or presenters, which may be helpful, or of interest to other practitioners.

IMAGE/LIKENESS/VOICE RELEASE

I understand and agree that, as a result of participating in an AMSSM conference, my image, likeness or voice may be recorded by photography, video or other medium. I hereby grant irrevocable and unrestricted permission to AMSSM and its representatives or assignees to use my image, likeness or performance in any medium and for any purpose. I hereby waive any right to inspect or approve such use or materials. Your submission of your registration form acknowledges acceptance of these terms.

REFUND POLICY

All refund requests must be submitted in writing or emailed to AMSSM to Kristin Ragsdale and Michele Lane at [Registration](#) by March 30, 2021. No refunds will be issued after that date. Refunds will be subject to a \$100 processing fee. If registering by mail and any optional educational activity requested is not available, you will be contacted to select an alternative option.

The planners and sponsors of this event claim no liability for the acts of any supplier(s) to this meeting or for the safety of any attendee at or while in transit to this event. The planners and sponsors reserve the right to cancel this event without penalty. The total amount of any liability of the planners and sponsors will be limited to a refund of the registration fee.

Your submission of the registration form acknowledges acceptance of these terms.



American Medical Society for Sports Medicine

4000 West 114th Street, Suite 100

Leawood, KS 66211

(913) 327-1415 | (913) 327-1491 (fax)

Registration@amssm.org | www.amssm.org

MEETING INFORMATION

COURSE OBJECTIVES

Upon completion of this course, the participant should be able to:

- Describe how to give the right physical activity prescription to the right patient at the right time.
- Apply an equity lens to recognize the ongoing disparities in access to sport and how this impacts the health of our communities and our own treatment decisions.
- Recognize the ongoing workforce disparities that impact the field of sports medicine and consider solutions to enhance diversity of the field.
- Describe an evidence-based strategy for the evaluation of competitive athletes after COVID-19 infection.
- Describe specific strategies for safe return to sport for teams and for individuals during the COVID-19 pandemic.
- Describe how to craft policy to advance sports medicine access and care for everybody, and how the COVID-19 may present opportunities to further this goal.
- Identify 3 strategies that promote resilience in physicians in midst of a crisis.
- List 4 leadership techniques that are helpful in managing teams through a crisis.
- Identify specific ways to incorporate telehealth to enhance both patient care and your clinical practice.
- Identify sexual violence reporting requirements for sport medicine physicians and medical personnel.
- Design protocols for prevention, identification and treatment of athletes with regard to sexual and psychological abuse.
- Understand the evidence for plant-based and anti-inflammatory diet recommendations.
- Learn about the latest and greatest information about ergogenic aids including nitrates, supplementation to enhance muscle protein synthesis, treat tendinopathies, and supplements that decrease pathologic systemic inflammation.
- Define culinary medicine and how to take micronutrient knowledge and translate that into ingredient acquisition and preparing meals and snacks.
- List strategies for implementing culinary medicine into your regular patient care.
- List 4 criteria that must be met to introduce a regenerative medicine product into clinical practice.
- Explain the state of the science for the use of orthobiologics to treat knee osteoarthritis and lateral elbow tendinopathy.
- Discuss the use of shared decision making when counseling patients about orthobiologic interventions.
- List four elements that make up a successful care environment for transgender patients.
- Counsel a patient about the health risks of e-cigarette use.
- Explain the limitations of continuous glucose monitoring for an athlete with type 1 diabetes.
- Explain the state of the science around the menstrual period and its effects on athletic performance.
- Apply the most recent medical literature to compare and contrast injectable therapies and non-interventional treatment modalities for patients with osteoarthritis.
- Identify disease states that mimic the presentation of osteoarthritis.
- Formulate a clinical approach to certain chief complaints to distinguish when you may be dealing with a masquerader.
- Apply a biopsychosocial approach to prioritize treatments that best address the primary factors contributing to a patient's pain.
- Understand the evidence regarding first-line treatment strategies for gluteal tendinopathy.
- Know the risks and benefits of ESWT in the treatment of upper and lower extremity tendinopathies.
- Describe recent evidence-based advances in the diagnosis and management of sport-related concussion.
- Recognize when it is appropriate to use a weighted ball velocity throwing program in throwing athletes.
- Identify appropriate imaging modalities to assess for an elbow medial ulnar collateral ligament injury in throwing athletes.
- Recognize and interpret injury prevention instruments in the throwing athlete to improve patient care.
- Highlight key patient interview and physical exam features that may indicate a diagnosis of ischiofemoral impingement and superior gluteal nerve entrapment during both in-clinic and telehealth consultations.
- Perform a virtual hip examination for FAI.
- Review the current rehabilitation modalities for FAI and to discuss the scientific literature for these modalities.
- Develop a differential diagnosis for pelvic floor pain in the female athletic population.
- Review the current potential treatment options for pelvic floor pain.
- Discuss the optimal imaging modality when evaluating for a potential spondylolysis.
- Evaluate the current scientific literature for non-operative care for spondylolysis.
- List the current recommendations from the Inter-Association Task force on the management of a Spine Injured Athlete.
- Describe the biomechanical principles of running and apply those principles to the management of common running related injuries.
- Explain the biomechanics of breast support for active women and how this affects their physical activity.
- Describe pharmacological approaches to difficult to treat stress fractures.

VIRTUAL EXHIBITS

AMSSM is going completely virtual in 2021 so we're pleased to offer VIRTUAL EXHIBITS at our 2021 Annual Meeting. Exhibits will be on display beginning on Wednesday, April 14 through Friday, April 16 to complement the educational session.

EXHIBIT HOURS

Wednesday, April 14

BREAK	1:05-1:30pm PT (4:05-4:30pm ET)
BREAK	4:25-4:55pm PT (7:25-7:55pm ET)

Thursday, April 15

BREAK	9:35-10:05am PT (12:35-1:05pm ET)
LUNCH	11:55am-12:45pm PT (2:55-3:45pm ET)
BREAK	2:25-2:55pm PT (5:25-5:55pm ET)

Friday, April 16

BREAK	10:05-10:35am PT (1:05-1:35pm ET)
LUNCH	12:50pm-1:40pm PT (3:50-4:40pm ET)
BREAK	3:40-4:10pm PT (6:40-7:10pm ET)

VIRTUAL EXHIBIT RAFFLE

Back by popular demand, we will be offering a virtual exhibit raffle. Four winners will be drawn. Each winner will receive ONE cash award (\$250.00 value). The FOUR winners will be announced during the "State of the Union for AMSSM" session on Saturday, April 17, 2021 at 1:50-2:55pm PT (4:50-6:55pm ET).

More information to follow!



REGISTRATION INFORMATION

TO REGISTER FOR THE VIRTUAL MEETING

Please register online to reserve your place for the virtual meeting. You have the option to pay by check or credit card when you register online. If you pay by credit card, a receipt will be generated upon completion of your online registration.

Visit the [2021 AMSSM Annual Meeting website](#) to register online for the Annual Meeting (must be logged in first) and for conference information.

- Attendees of any of the optional educational sessions, Ultrasound Procedural Skills Workshops, ICLs and/or pre-conferences must also be a registrant of the AMSSM Annual Meeting.
- PLEASE NOTE: You only need to register for the optional sessions that have a fee when registering for the Annual Meeting. This includes the 2021 AMSSM CRN Summit, Sports Ultrasound Pre-Conferences, Ultrasound Procedural Skills Workshop, S.M.A.R.T.-E.S.T. Workshop, Regenerative Medicine Symposium and the Research Pre-Conference (Transforming Your Clinical Question into a Successful Research Project). You do not have to register for the ICLs, pre-conferences and optional sessions without a fee but you are required to register for the Annual Meeting in order to attend any of these sessions.
- You can register for all concurrent sessions that require a registration fee. However, CME credit can only be claimed for one session during a specific time slot.
- ONLINE REGISTRATION:** Ensures availability and reserves your place in the requested session(s). With online registration, you have the option to pay by check or credit card. When paying by check, please include a printed copy of your online registration received through email when mailing your payment to the AMSSM.
- PRINTED REGISTRATION FORM SUBMITTED BY FAX OR U.S. MAIL:** Print and return the registration form along with your payment to the AMSSM office by fax or U.S. Mail. This method is not recommended if you want to register for the optional educational activities or pre-conferences. PLEASE NOTE: You will only be charged for the optional educational activities that are available at the time your registration form is received.

ADVANCE REGISTRATION DEADLINE: MARCH 30, 2021

Advance registration is strongly encouraged and must be received by March 30, 2021. After this date, pre-registration will still be available until April 11, 2021 but the registration rates increase by \$50, and the fee is increased to \$100 for Just in Time Registration.

REGISTRATION INCLUDES:

- Conference Syllabus and Speaker Handouts
- Access to the virtual Exhibits
- Eventmobi Annual Meeting App with access to playback recordings of General Session, ICLs and pre-conferences without a registration fee for 90 days (only 30 days for CME)
- Attendees with a paid registration to any pre-conference or optional session requiring a fee will also have access to the playback recordings of these sessions on the Eventmobi Annual Meeting App for 90 days (only 30 days for CME).
- Participation in the Fellowship Fair – Sat., April 17 (for residents & students)

AWARDS

FOR PRESENTATION DURING THE
AMSSM 30th ANNUAL MEETING



AMSSM FOUNDATION AWARDS

2021 Founders' Award

Recipient receives \$500 cash award and a plaque.

Harry Galanty Young Investigator's Award

Recipient receives \$500 cash award and a plaque.

Best Overall Research Abstract

Recipient receives \$500 cash award and a plaque.

Best Case Presentation Awards

Each recipient receives \$500 cash award and a plaque

Jason Davenport Memorial Scholarship Award

Two recipients will receive a \$500 cash award towards Annual Meeting expenses and a plaque

Resident Scholarship Awards

Six recipients, each receives \$500 cash award, complimentary registration to the Annual Meeting and a plaque.

South Bend/Notre Dame Resident Scholarship

Up to four recipients, each receives complimentary Resident member registration to the Annual Meeting

Galen Society Medical Student Scholarship Award

Three recipients will receive a \$500 cash award, complimentary registration to the Annual Meeting and a plaque.



AMSSM

Community Advocacy Award

Recipient will receive a \$500 cash award and a plaque.



NCAA CSMAS AWARD

Best Research Presentation

\$500 cash award to the best research presentation that addresses the health and safety issues of college athletes.

AMSSM FOUNDATION



AMSSM Foundation Mission

The American Medical Society for Sports Medicine Foundation is dedicated to the support & recognition of excellence in Sports Medicine education, research and scientific activities, while promoting opportunities for humanitarian outreach.

MAKING A DONATION TO THE AMSSM FOUNDATION

Your gift to the AMSSM Foundation is fully tax deductible and supports sports medicine education, research and scientific activity, as well as AMSSM's humanitarian outreach efforts.

Here's a snapshot of how the AMSSM Foundation uses Corporate and Member Gifts:

- **Education** - \$217,000/year – to support Fellowship training; Traveling Fellowship & Global Exchange Program; support of Annual Meeting content; making educational learning modules freely accessible to physicians around the world; free online learning through podcasts/ webinars; and a variety of scholarships for AMSSM members.
- **Research** - \$187,000/year – to support AMSSM's Collaborative Research Network; support of the Fellows Research & Leadership Conference; \$85,000 in AMSSM research grants (including a revised grant that in 2021 will begin supporting underrepresented minority member researchers); and awards for top research at the Annual Meeting.
- **Humanitarian** – \$27,000/year - to support an Annual Meeting humanitarian service project; five \$2,000 local outreach grants to support projects led by members; and a \$5,000 global outreach grant.
- **\$1M+ CRN Grant Commitment** – to help grow and advance sports medicine research, AMSSM and the Foundation are in the midst of a 5-year commitment of \$1M+ in CRN Grant Funding – with a \$300,000 CRN grant awarded in late 2020.
- **COVID-19** – AMSSM and the Foundation have recently committed funds to help fund a research coordinator to help support development of a COVID-19 cardiac registry for athletes.

Your financial support is helping these many projects happen!

ANNUAL GIVING LEVELS

- **Founders' Circle*** \$2,000+
- **Platinum** \$1,000+
- **Gold** \$500 - \$999
- **Silver** \$250 - \$499
- **Bronze** \$100 - \$249
- **Fellows, Residents and Students**... \$50 - \$99

**As part of \$10,000 or more commitment made over a five-year period.*

2021 AMSSM CRN SUMMIT

EXERCISE MEDICINE AND PHYSICAL ACTIVITY PROMOTION

APRIL 13, 2021



FACULTY

Irfan M. Asif, MD; Co-Chair
Jonathan Drezner, MD, FAMSSM; Co-Chair
Mats Borjesson, MD
Chad T. Carlson, MD, FAMSSM
Jeremy L. Coleman, MD
Karl B. Fields, MD, FAMSSM
Lisa Howley, PhD, MD
Lailah Issac, DO
Elizabeth A. Joy, MD, MPH, FAMSSM
Jonathan Kaltman, MD
NiCole R. Keith, PhD
Cynthia R. LaBella, MD, FAMSSM
Warren P. Newton, MD, MPH
Robert E. Sallis, MD
Martin Schwellnus, MBBCh, MSc(Med), MD
Jane S. Thornton, MD, PhD, CCFP(SEM), Dip Sp Phy (IOC)
Brandee L. Waite, MD
Jason L. Zaremski, MD

SUMMIT WORKING GROUP MEMBERS

Irfan M. Asif, MD
Jonathan Drezner, MD, FAMSSM
Mats Borjesson, MD
Stephen M. Carek, MD
Jeremy L. Coleman, MD
Keri Denay, MD
Lailah Issac, DO
Elizabeth A. Joy, MD, MPH, FAMSSM
Stephanie Kliethermes, PhD
Cynthia R. LaBella, MD, FAMSSM
Cindy Lin, MD
Christopher M. Miles, MD, FAMSSM
Geoffrey E. Moore, ScB, MD
Melissa Nayak, MD
Melissa Novak, DO
Katerine H. Rizzone, MD, MPH
Robert E. Sallis, MD
Martin Schwellnus, MBBCh, MSc(Med), MD
Nicola Sewry, PhD
Asad Siddiqi, DO
Mark Stovak, MD, FAMSSM
Jane S. Thornton, MD, PhD, CCFP(SEM), Dip Sp Phy (IOC)
Brett Toresdahl, MD
Brandee L. Waite, MD
Jason L. Zaremski, MD

SUMMIT DESCRIPTION

Regular physical activity enhances muscular and bone strength, improves cardiorespiratory fitness, and reduces the risk of hypertension, coronary heart disease, stroke, diabetes, depression and several cancers. While the benefits of physical activity are well-known, it is not widely promoted within physician practices. Reasons may include: 1) insufficient training during medical education, or 2) inadequate clinical models to incorporate physical activity counseling into practice.

SUMMIT GOALS

AMSSM is hosting a summit to examine exercise medicine and physical activity promotion to define the current evidence, knowledge gaps and research priorities in two areas: 1) medical education related to exercise medicine and physical activity promotion, and 2) clinical models that best promote exercise medicine and physical activity promotion in practice. This summit will be a major step toward broadly and effectively integrating exercise medicine and physical activity promotion into the practice of practicing sports medicine physicians.

TARGET AUDIENCE

This conference should prove valuable to any physician, certified athletic trainer, physical therapist, nurse practitioner or physician assistant who regularly interacts with patients and wishes to have them engage in exercise and/or physical activity. Additionally, educators, researchers and leaders in the field of exercise/physical activity promotion will find value in this conference.

LEARNING OBJECTIVES

At the conclusion of this program, the participant should be able to:

1. Define best practices as exercise medicine and physical activity promotion in medical school, residency training and sports medicine fellowships.
2. Identify ways that exercise medicine and physical activity can be promoted in clinical practice along with the outcomes associated with these successful models.
3. Systematically review the scientific evidence regarding clinical models for exercise medicine and physical activity promotion in clinical practice.
4. Develop collaboration and partnerships with groups that could lead to improved research and advocacy within exercise medicine and physical activity promotion.
5. Provide a forum for dialogue, support, and collaboration in scientifically addressing how best to educate future physicians in exercise medicine and physical activity promotion or use this in clinical practice.

MODE OF DELIVERY

This summit will be delivered via a virtual format with live interactive panel-based discussions on the day of the summit. A living library with pre-recorded talks (~10 minutes each) will also be available to attendees before and after the Summit. Attendees are encouraged to view the talks prior to the Summit so that they have a broad understanding of the exercise medicine and physical activity promotion landscape. The Summit will also feature short videos submitted by AMSSM members that show how they currently incorporate exercise medicine and physical activity promotion into their practice, workplace and research endeavors.

LIVING LIBRARY

To promote engagement and interaction between speakers and among participants during the Virtual Summit, we will create a living library of talks that will be available for attendees to review before and after the summit. These talks relate to various aspects of exercise medicine and physical activity promotion and will provide attendees with compelling and up-to-date information on this topic from numerous perspectives. The Living Library will be posted on the AMSSM website at [2021 CRN SUMMIT](#) and topics will include:

Medical School EM-PAP	Christopher M. Miles, MD, FAMSSM Melissa Nayak, MD
Residency EM-PAP	Stephen M. Carek, MD Melissa Novak, DO
Fellowship EM-PAP and Modules	Irfan M. Asif, MD
Swedish PAP	Mats Borjesson, MD
South African Model	Martin Schwellnus, MBBCh, MSc(Med), MD
Canadian Model	Jane S. Thornton, MD, PhD, CCFP(SEM), Dip Sp Phy (IOC)
Systematic Review Overview	Cynthia R. Labella, MD, FAMSSM
Clinical Models for Exercise Medicine and Physical Activity	Elizabeth A. Joy, MD, MPH, FAMSSM; Kyle Mullins, MD; Ali E. Warrick, MD; and Brandee L. Waite, MD
AMSSM Presidential Task Force Financial Modeling	Geoffrey E. Moore, ScB, MD

EDUCATIONAL MODULES

A primary end-product for the Summit includes the development of educational modules that can be used to teach exercise medicine and physical activity promotion (EM-PAP) to all sports medicine fellows and others around the world. EM-PAP training has been identified as a significant gap in educational programming for sports medicine physicians, which creates a barrier for utilizing EM-PAP in clinical practice. Thanks to a generous donation by Oosterhealth and financial support from AMSSM, the development of educational modules is underway and will provide a forum with which to collaborate with international experts and organizations. More information on the modules will be provided during the Summit, but it is the ultimate vision of AMSSM and the developers of the modules that these will be freely available so they can be used for EM-PAP education worldwide.

EDUTAINMENT VIDEO CONTEST

The organizers of the EM-PAP Summit invite AMSSM members to create brief “edutainment” videos on how they incorporate exercise medicine and physical activity promotion into their practice, workplace, and/or research. The goal of these videos is to learn from one another in a fun and engaging way while stimulating conversation and collaboration.

Cash prizes will be awarded to top videos with a grand prize of \$500! There will also be a special prize category for videos on physical activity promotion that focus on medically vulnerable and underserved populations.

SUBMISSION INSTRUCTIONS

(Submission Deadline – March 21):

- Work on your own or recruit some of your colleagues.
- Pick your topic – What is something that you do in your practice, workplace, education, or research that promotes exercise medicine and/or physical activity?
- Get creative and have fun – filters, effects, music, singing, dancing, skits are all fair game!
- Create a **30-60 second video** on the topic – Use whatever video app you want (iMovie, TikTok, Instagram, etc.) but do not use real patients in your videos!
- Download your video from the app.
- Designate if you want your video to be considered for the prize for medically underserved, vulnerable or disadvantaged populations.
- Individuals can submit as many videos as they would like, but are only eligible to receive one award.

To submit your video(s), please complete the [submission form](#) and send your entries to amssmvideos@gmail.com. Once both items are received, your submission will be considered complete.

Preliminary Round - March 29 through April 11

- Videos will be uploaded to AMSSM’s YouTube channel.
- A link to the YouTube EM-PAP video playlist will be sent to members.
- Vote for a video by giving it a thumbs up.
- Encourage colleagues to vote!

Final Round - April 13

- The top videos with the most votes + a few additional videos selected by the judges will move on to the final round.
- The videos in the final round will be shared at the EM-PAP Summit.
- Participants of the EM-PAP Summit will vote for the top videos and cash prizes will be awarded.

Watch for more details via AMSSM weekly digests and AMSSM social media channels.

STATEMENT OF NEED

The majority of diseases in the U.S. are due to poor lifestyle habits, including physical inactivity. Despite knowing this, many medical professionals are unable to properly counsel patients on appropriate physical activity recommendations. This may be related to global issues of inadequate training during medical school, residency and sports medicine fellowship or it could be due to a lack of understanding of how to incorporate exercise and physical activity promotion into clinical practice.

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IMAGE/LIKENESS/VOICE RELEASE

I understand and agree that, as a result of participating in an AMSSM conference, my image, likeness or voice may be recorded by photography, video or other medium. I hereby grant irrevocable and unrestricted permission to AMSSM and its representatives or assignees to use my image, likeness or performance in any medium and for any purpose. I hereby waive any right to inspect or approve such use or materials. Your submission of this registration form acknowledges acceptance of these terms.

REFUND POLICY

All refund requests must be submitted in writing or emailed to AMSSM to [Registration](#) by March 30, 2021. No refunds will be issued after that date. Refunds will be processed following the meeting and will be subject to a \$25 processing fee. If registering by mail and any optional educational activity requested is not available, you will be contacted to select an alternative option.

The planners and sponsors of this event claim no liability for the acts of any supplier(s) to this meeting or for the safety of any attendee at or while in transit to this event. The planners and sponsors reserve the right to cancel this event without penalty.

Attendees who purchase non-refundable airline tickets do so at their own risk. The total amount of any liability of the planners and sponsors will be limited to a refund of the registration fee. Your submission of the registration form acknowledges acceptance of these terms.

REGISTRATION FEE

In keeping with the mission of the AMSSM and its CRN, AMSSM members will receive a reduced registration fee.

Advance Registration

DEADLINE: MARCH 30, 2021

Advance registration is strongly encouraged and must be received by March 30, 2021. After this date, pre-registration will still be available until April 11, 2021 but the registration rates increase by \$25 and the fee is increased to \$50 for Just in Time registration.

Category	Registration Fee by March 30, 2021	Registration Fee by April 11, 2021	Just in Time Registration
AMSSM Members	\$50.00	\$75.00	\$100.00
Non-Members	\$100.00	\$125.00	\$150.00

REGISTRATION INCLUDES:

- Conference Syllabus
- Access to Living Library talks prior to and after the Summit

TO REGISTER FOR THE 2021 AMSSM CRN SUMMIT:

If you are planning on attending the 2021 AMSSM Annual Meeting: You can register for the 2021 AMSSM CRN Summit as part of your 2021 AMSSM Annual Meeting registration by indicating you want to attend the 2021 AMSSM CRN Summit conference on the [Annual Meeting registration form](#) and include the 2021 AMSSM CRN Summit registration fee along with your Annual Meeting registration fees.

Alternatively, if you are NOT attending the 2021 AMSSM

Annual Meeting: Please click here [Registering for 2021 AMSSM CRN Summit Only](#) or click on the same link available on the 2021 AMSSM CRN Summit webpage on the AMSSM website to register.

Important Registration Instructions:

- Please register online to reserve your place for the 2021 AMSSM CRN Summit. You have the option to pay by check or credit card when you register online. If you pay by credit card, a receipt will be generated upon completion of your online registration. AMSSM members will need to login through "Member Log-in" prior to clicking on the online registration link.
- OR, print and return the registration form along with your payment to the AMSSM office by fax or U.S. Mail. This method is not recommended.



American Medical Society for Sports Medicine
4000 West 114th Street, Suite 100 | Leawood, KS 66211
(913) 327-1415 (Phone) | (913) 327-1491 (Fax)
Registration@amssm.org | www.amssm.org

PRELIMINARY SCHEDULE

TUESDAY, APRIL 13, 2021 8:00am-1:00pm PT (11:00am-4:00pm ET)

PART 1: CLINICAL PRACTICE AND PATIENT OUTCOMES

Moderators: Jonathan Drezner, MD, FAMSSM; Brandee L. Waite, MD; and Jason L. Zaremski, MD

8:00-8:10am PT

(11:00-11:10am ET)

Introduction

Irfan M. Asif, MD

8:10-8:30am PT

(11:10-11:30am ET)

The Global Problem of Physical Inactivity

Martin Schwellnus, MBBCh, MSc(Med), MD

8:30-8:45am PT

(11:30-11:45am ET)

Exercise is Medicine: Lessons Learned in a 15 Year Experience

Robert E. Sallis, MD

9:00-9:30am PT

(12:00-12:30pm ET)

PANEL 1. EXERCISE MEDICINE AND PHYSICAL ACTIVITY PROMOTION: PERSPECTIVES FROM WORLD LEADERS

Mats Borjesson, MD; Martin Schwellnus, MBBCh, MSc(Med), MD; and Jane S. Thornton, MD, PhD, CCFP(SEM), Dip Sp Phy (IOC)

9:45-10:15am PT

(12:45-1:15pm ET)

PANEL 2. HOW DO I INCORPORATE EXERCISE MEDICINE AND PHYSICAL ACTIVITY PROMOTION IN MY CLINICAL PRACTICE?

Chad T. Carlson, MD, FAMSSM; Elizabeth A. Joy, MD, MPH, FAMSSM; and Cynthia R. LaBella, MD, FAMSSM

PART 2: EDUCATIONAL AND RESEARCH PRIORITIES

Moderators: Irfan M. Asif, MD; Jeremy L. Coleman, MD; and Lailah Issac, DO

10:45-11:15am PT

(2:30-3:00pm ET)

PANEL 3. EXERCISE MEDICINE AND PHYSICAL ACTIVITY PROMOTION IN MEDICAL EDUCATION: CAN WE DO BETTER?

ABFM – Warren P. Newton, MD, MPH;

ACGME Review Committee Member – Karl B. Fields, MD, FAMSSM; and AAMC – Lisa Howley, PhD, MEd

11:30am-12:00pm PT

(2:30-3:00pm ET)

PANEL 4. MAKING A DIFFERENCE IN EXERCISE MEDICINE AND PHYSICAL ACTIVITY PROMOTION THROUGH ADVOCACY AND RESEARCH

CDC Representatives: TBD

NIH/NHLBI Representative: Jonathan Kaltman, MD

WHO Representatives: Fiona Bull, MBE, PhD, MSc and Juana Willumsen, PhD

12:15-12:35pm PT

(3:15-3:35pm ET)

Challenges and Potential Solutions to Increase Physical Activity in Underserved Communities

NiCole R. Keith, PhD

12:35-12:50pm PT

(3:35-3:50pm ET)

Exercise Medicine and Physical Activity Promotion: The Next 15 Year Experience

Irfan M. Asif, MD

12:50-1:00pm PT

(3:50-4:00pm ET)

Closing

Jonathan Drezner, MD, FAMSSM



2021 Research Summit Leadership

AMERICAN MEDICAL SOCIETY FOR SPORTS MEDICINE LEADERSHIP

Executive Director	Jim Griffith, MBA, CAE; AMSSM
AMSSM President	Tracy Ray, MD, FAMSSM; Piedmont Orthopedic Sports Medicine, Watkinsville, Georgia
Chair of CRN Leadership Team	Anthony Beutler, MD, FAMSSM; Intermountain Healthcare/Utah Valley Sports Medicine, Provo, Utah
AMSSM Research Director	Stephanie Kliethermes, PhD; University of Wisconsin — Madison, Wisconsin
2021 AMSSM CRN Summit Co-Chair	Irfan M. Asif, MD; University of Alabama — Birmingham (UAB), Birmingham, Alabama
2021 AMSSM CRN Summit Co-Chair	Jonathan Drezner, MD, FAMSSM; University of Washington, Seattle, Washington

LIVING LIBRARY FACULTY

Irfan M. Asif, MD; Co-Chair, 2021 AMSSM CRN Summit; Professor and Chair, Department of Family and Community Medicine, University of Alabama — Birmingham (UAB), School of Medicine, Birmingham, Alabama

Mats Borjesson, MD; Professor, Center for Health and Performance, Sahlgrenska Academy, Gothenburg University & Sahlgrenska University Hospital, Gothenburg, Sweden

Stephen M. Carek, MD; Assistant Professor, University of South Carolina, School of Medicine — Greenville; Core Faculty, GHS — University of South Carolina Family Medicine Residency Program, Greenville, South Carolina

Elizabeth A. Joy, MD, MPH, FAMSSM; Senior Medical Director, Wellness & Nutrition, Intermountain Healthcare; Adjunct Professor, Family and Preventive Medicine, University of Utah, School of Medicine, Salt Lake City, Utah

Cynthia R. LaBella, MD, FAMSSM; Professor, Department of Pediatrics, Northwestern University, Feinberg School of Medicine; Medical Director, Institute for Sports Medicine, Ann and Robert H. Lurie Children's Hospital of Chicago, Chicago, Illinois; Board of Director; Chairperson, Practice and Policy Committee, American Medical Society for Sports Medicine

Christopher M. Miles, MD, FAMSSM; Associate Professor, Department of Family and Community Medicine, Wake Forest University, School of Medicine, Medical Director of Athletics, Wake Forest University, Winston-Salem, North Carolina

Geoffrey E. Moore, ScB, MD; Chief Medical Officer, Wellcoaches Digital, LLC, Ithaca, New York

Kyle Mullins, MD; Assistant Professor, Department of Physical Medicine and Rehabilitation, Sports Medicine, UC Davis Health, Sacramento, California

Melissa Nayak, MD; Department of Orthopaedics, Henry Ford Health System; Clinical Assistant Professor, Wayne State University, School of Medicine, Detroit, Michigan

Melissa Novak, DO; Assistant Professor, Department of Family Medicine, Oregon Health & Science University, Portland, Oregon

Martin Schwellnus, MBBCh, MSc(Med), MD; Professor of Sport and Exercise Medicine, Faculty of Health Sciences; Specialist, Sports and Exercise Medicine: Director, Sport, Exercise Medicine and Lifestyle Institute (SEMLI), University of Pretoria; Director of the International Olympic Committee (IOC) Research Center, South Africa

Jane S. Thornton, MD, PhD, CCFP(SEM), Dip Sp Phy (IOC); Assistant Professor, Department of Family Medicine, Schulich School of Medicine & Dentistry, Western University; Sport Medicine Physician, Fowler Kennedy Sport Medicine Clinic, London, Canada

Ali E. Warrick, MD; Fellow, UC Davis PM&R Sports Medicine Fellowship Program, Sacramento, California

Brandee L. Waite, MD; Professor, Sports Medicine Section Chief; Clinic Medical Director; Fellowship Director, Physical Medicine and Rehabilitation, University of California — Davis, Sacramento, California

2021 AMSSM CRN SUMMIT FACULTY

Irfan M. Asif, MD; Co-Chair, 2021 AMSSM CRN Summit; Professor and Chair, Department of Family and Community Medicine, University of Alabama – Birmingham (UAB), School of Medicine, Birmingham, Alabama

Jonathan Drezner, MD, FAMSSM; Co-Chair, 2021 AMSSM CRN Summit; Editor-in-Chief, BJSM; Director, Center for Sports Cardiology; Professor, Department of Family Medicine, University of Washington, Seattle, Washington; Past President, American Medical Society for Sports Medicine

Mats Borjesson, MD; Professor, Center for Health and Performance, Sahlgrenska Academy, Gothenburg University & Sahlgrenska University Hospital, Gothenburg, Sweden

Fiona Bull, MBE, PhD, MSc; Unit Head, Physical Activity, World Health Organization (WHO), HQ, Geneva, Switzerland

Chad T. Carlson, MD, FAMSSM; Private Practice, Des Moines, Iowa; Immediate Past President, American Medical Society for Sports Medicine

Jeremy L. Coleman, MD; Assistant Professor; Medical Director UF Health at Wildlight; Department of Community Health and Family Medicine, University of Florida, College of Medicine – Jacksonville, Jacksonville, Florida

Karl B. Fields, MD, FAMSSM (ACGME); Professor, Department of Family Medicine, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina; Emeritus Director and faculty, Cone Health Sports Medicine Fellowship Program, Greensboro, North Carolina; ACGME, Residency Review Committee; Past President, American Medical Society for Sports Medicine

Lisa Howley, PhD, MEd (AAMC); Senior Director of Strategic Initiatives and Partnerships in Medical Education, Association of American Medical Colleges (AAMC), Minneapolis, Minnesota

Lailah Issac, DO; Assistant Professor, Nova Southeastern University, Department of Physical Medicine and Rehabilitation, Fort Lauderdale, Florida

Elizabeth A. Joy, MD, MPH, FAMSSM; Senior Medical Director, Wellness & Nutrition, Intermountain Healthcare; Adjunct Professor, Family and Preventive Medicine, University of Utah, School of Medicine, Salt Lake City, Utah

Jonathan Kaltman, MD; Supervisory Physician, National Heart, Lung and Blood Institute (NHLBI), National Institutes of Health (NIH), Bethesda, Maryland

NiCole R. Keith, PhD; Scientist, Indiana University Center for Aging Research; Associate Professor, Department of Kinesiology, Indiana University – Purdue University, Indianapolis, Indiana

Cynthia R. LaBella, MD, FAMSSM; Professor, Department of Pediatrics, Northwestern University, Feinberg School of Medicine; Medical Director, Institute for Sports Medicine, Ann and Robert H. Lurie Children's Hospital of Chicago, Chicago, Illinois; Board of Director; Chairperson, Practice and Policy Committee, American Medical Society for Sports Medicine

Warren P. Newton, MD, MPH; (ABFM); President and CEO, American Board of Family Medicine, Lexington, Kentucky

Robert E. Sallis, MD; Co-Director; Sports Medicine Fellowship, Kaiser Permanente Medical Center, Fontana, CA
Clinical Professor of Family Medicine, UC Riverside School of Medicine, Riverside, California

Martin Schwellnus, MBBCh, MSc(Med), MD; Professor of Sport and Exercise Medicine, Faculty of Health Sciences; Specialist, Sports and Exercise Medicine: Director, Sport, Exercise Medicine and Lifestyle Institute (SEMLI), University of Pretoria; Director of the International Olympic Committee (IOC) Research Center, South Africa

Jane S. Thornton, MD, PhD, CCFP(SEM), Dip Sp Phy (IOC); Assistant Professor, Department of Family Medicine, Schulich School of Medicine & Dentistry, Western University; Sport Medicine Physician, Fowler Kennedy Sport Medicine Clinic, London, Canada

Brandee L. Waite, MD; Professor, Sports Medicine Section Chief; Clinic Medical Director and Fellowship Director, Physical Medicine and Rehabilitation, University of California – Davis, Sacramento, California

Juana Willumsen, PhD; Technical Officer, World Health Organization (WHO), HQ, Geneva, Switzerland

Jason L. Zaremski, MD; Associate Professor of Physical Medicine and Rehabilitation and Sports Medicine; Co-Medical Director, Adolescent and High School Sports Medicine Outreach Program, Department of Orthopaedics and Rehabilitation, University of Florida Health, Gainesville, Florida; Board of Director; Co-Chairperson, Fellowship Committee, American Medical Society for Sports Medicine

OPTIONAL EDUCATIONAL PRE-CONFERENCES

FUNDAMENTALS OF SPORTS ULTRASOUND HIP AND KNEE PRE-CONFERENCE

TUESDAY, APRIL 13, 2021 • 7:30am-12:00pm PT (10:30am-3:00pm ET)

PRE-REGISTRATION REQUIRED

REGISTRATION FEE

MEMBERS: \$250.00

NON-MEMBERS: \$400.00

TARGET AUDIENCE/OVERVIEW

Fundamentals of Sports Ultrasound: Hip and Knee is a course designed to enhance the skills of those with either a novice or intermediate knowledge of sports ultrasound. It will introduce the basic principles of diagnostic and interventional ultrasound in a sports medicine practice with particular emphasis on the hip and knee.

PRE-CONFERENCE OBJECTIVES

Upon completion of this course, the participant should be able to:

- Discuss the basic instrumentation and physics of sports ultrasound.
- Describe how to differentiate normal structures from pathology on ultrasound, particularly with respect to structures relevant to sports medicine.
- Explain the advantages and disadvantages of ultrasound versus other imaging modalities in sports medicine.
- Apply diagnostic and interventional ultrasound to the clinical treatment of hip abductor and patellar tendinopathy.

PROGRAM CO-CHAIRS – SPORTS ULTRASOUND COURSES

Douglas Hoffman, MD
Mederic M. Hall, MD

CO-COURSE DIRECTORS

Evan Peck, MD
Shane A. Shapiro, MD, FAMSSM

FACULTY

Fred H. Brennan Jr, DO, FAMSSM
Emily E. Dixon, DO
Sadiq Haque, DO
Troy Henning, DO
Evan Peck, MD
Shane A. Shapiro, MD, FAMSSM
Christopher J. Visco, MD
Brandee L. Waite, MD

REGISTRATION INFORMATION

- Pre-registration and separate fee required
- Registration is on a first-come, first-served basis
- Register on the meeting registration form (online encouraged)

PROGRAM

7:30 -7:35am PT (10:30-10:35am ET)	Introduction <i>Evan Peck, MD</i>
7:35-8:00am PT (7:35-11:00am ET)	Sports Ultrasound Instrumentation, Basic Physics and Normal Appearance of Basic Structures <i>Shane A. Shapiro, MD, FAMSSM</i>
8:00-8:25am PT (11:00-11:25am ET)	Sonographic Hip Evaluation and Normal Anatomy <i>Christopher J. Visco, MD</i>
8:25-8:50am PT (11:25-11:50am ET)	Sonography of Hip Pathology <i>Emily E. Dixon, DO</i>
8:50-9:00am PT (11:50am-12:00pm ET)	Question & Answer Session
9:00-9:20am PT (12:00-12:20pm ET)	Ultrasound-Guided Hip Procedures <i>Sadiq Haque, DO</i>
9:20-9:40am PT (12:20-12:40pm ET)	Sonographic Approach to the Diagnosis and Treatment of Hip Abductor Tendinopathy <i>Fred H. Brennan Jr, DO, FAMSSM</i>
9:40-10:05am PT (12:40-1:05pm ET)	Sonographic Knee Evaluation and Normal Anatomy <i>Troy Henning, DO</i>
10:05-10:15am PT (1:05-1:15pm ET)	Question & Answer Session
10:15-10:40am PT (1:15-1:40pm ET)	Sonography of Knee Pathology <i>Brandee L. Waite, MD</i>
10:40-11:00am PT (1:40-2:00pm ET)	Ultrasound-Guided Knee Procedures <i>Evan Peck, MD</i>
11:00-11:20am PT (2:00-2:20pm ET)	Sonographic Approach to the Diagnosis and Treatment of Patellar Tendinopathy <i>Emily E. Dixon, DO</i>
11:20-11:30am PT (2:20-2:30pm ET)	Question & Answer Session
11:30am-12:00pm PT (2:30-3:00pm ET)	Panel Discussion: Utilizing Ultrasound in the Clinical Approach to the Patient with Lower Limb Injury <i>Faculty Panel</i>
12:00pm PT (3:00pm ET)	Adjourn

OPTIONAL EDUCATIONAL PRE-CONFERENCES

ADVANCED SPORTS ULTRASOUND PRE-CONFERENCE

TUESDAY, APRIL 13, 2021 • 1:00-5:45pm PT (4:00-8:45pm ET)

PRE-REGISTRATION REQUIRED

REGISTRATION FEE

MEMBERS: \$250.00

NON-MEMBERS: \$400.00

TARGET AUDIENCE/OVERVIEW

The Advanced Sports Ultrasound Pre-Conference is designed for individuals with experience in sports ultrasound. This year, the course will focus on the lower leg, ankle and tendinopathy.

PRE-CONFERENCE OBJECTIVES

Upon completion of this course, the participant should be able to:

- Increase knowledge of how to perform a sonographic evaluation of the lower leg, anterior ankle and lateral ankle.
- Increase knowledge of the sonopathology of the lower leg, anterior ankle, and lateral ankle.
- Discuss the role of ultrasound in guiding the clinical management of tendinopathy including:
 - The current consensus regarding the role of advanced imaging in tendinopathy.
 - How ultrasound findings can inform clinic management of tendinopathy.
 - How certain ultrasound characteristics can influence treatment decisions.

PROGRAM CO-CHAIRS – SPORTS ULTRASOUND COURSES

Douglas Hoffman, MD
Mederic M. Hall, MD

CO-COURSE DIRECTORS

Douglas Hoffman, MD
Joanne Borg-Stein, MD

FEATURED SPEAKER

Humberto Gerardo (Tito) Rosas, MD
(AIUM Exchange Lecture Speaker)

FACULTY

Michael Baria, MD, MBA
Jason L. Dragoo, MD
Mederic M. Hall, MD
Douglas Hoffman, MD
Julia L. Iafrate, DO
Elena (Ellie) Jelsing, MD
Brett Kindle, MD
Robert Monaco, MD, MPH
Adam Pourcho, DO
Jeremiah W. Ray, MD
Humberto Gerardo (Tito) Rosas, MD

REGISTRATION INFORMATION

- Pre-registration and separate fee required
- Registration is on a first-come, first-served basis
- Register on the meeting registration form (online encouraged)

PROGRAM

1:00 -1:05pm PT (4:00-4:05pm ET)

1:05-1:45pm PT (4:05-4:45pm ET)

1:45-2:30pm PT (4:45-5:30pm ET)

2:30-2:55pm PT (5:30-5:55pm ET)

3:00-3:45pm PT (6:00-6:45pm ET)

3:45-4:10pm PT (6:45-7:10pm ET)

4:15-5:00pm PT (7:15-8:00pm ET)

5:00-5:40pm PT (8:00-8:40pm ET)

Introduction **Moderator: Joanne Borg-Stein, MD**

AIUM EXCHANGE LECTURE: Sports Ultrasound

of the Lower Leg **Featured Speaker: Humberto Gerardo (Tito) Rosas, MD**

Sports Ultrasound of the Lower Ankle and Midfoot **Douglas Hoffman, MD**

Anterior Ankle and Midfoot Cases and Panel Discussion. **Moderator: Joanne Borg-Stein, MD**

..... **Faculty Panel: Douglas Hoffman, MD; Brett Kindle, MD; and Robert Monaco, MD, MPH**

Sports Ultrasound of the Lateral Ankle **Julia L. Iafrate, DO**

Lateral Ankle Cases and Panel Discussion **Moderator: Joanne Borg-Stein, MD**

..... **Faculty Panel: Julia L. Iafrate, DO; Elena (Ellie) Jelsing, MD; and Jeremiah W. Ray, MD**

Treatment Approaches to Tendinopathy **Mederic M. Hall, MD**

Treatment Approaches to Tendinopathy Cases and Panel

Discussion **Moderator: Douglas Hoffman, MD**

..... **Faculty Panel: Michael Baria, MD, MBA; Jason L. Dragoo, MD; Mederic M. Hall, MD;**

and Adam Pourcho, DO

5:40-5:45pm PT (8:40-8:45pm ET)

Wrap Up **Joanne Borg-Stein, MD**

OPTIONAL EDUCATIONAL ACTIVITY

ULTRASOUND PROCEDURAL SKILLS WORKSHOPS

PRE-REGISTRATION AND SEPARATE FEE REQUIRED

Members: \$ 75.00 each

Non-Members: \$100.00 each

REGISTRATION INFORMATION

- Pre-registration and separate fee required
- Registration is on a first-come, first-served basis
- Register on the meeting registration form (online registration encouraged)

CO-LEADERS

Blake Boggess, DO
Douglas Hoffman, MD

FACULTY

Christine Eng, MD
Kentaro Onishi, DO
Jeremiah W. Ray, MD

WEDNESDAY, APRIL 14	THURSDAY, APRIL 15	FRIDAY, APRIL 16
7:00-8:00am PT (10:00-11:00am ET) #1 Posteriorlateral Knee Ultrasound Kentaro Onishi, DO	6:45-7:45am PT (9:45-10:45am ET) #2 Anterior Elbow Ultrasound Christine Eng, MD	6:45-7:45am PT (9:45-10:45am ET) #3 Sports Trauma Ultrasound Jeremiah W. Ray, MD

OPTIONAL EDUCATIONAL ACTIVITY

Sideline Management Assessment Response Techniques – Emergency Sports Trauma Workshop

S.M.A.R.T. – E.S.T. WORKSHOP Hands-on Skills for the Sideline Physician

TUESDAY, APRIL 13, 2021 • 2:00-5:00pm PT (5:00-8:00pm ET)

Register for the S.M.A.R.T. – E.S.T. Workshop on the Meeting Registration Form

PRE-REGISTRATION REQUIRED
FELLOWS/RESIDENTS/STUDENTS \$25.00
MEMBERS \$100.00
NON-MEMBERS \$125.00

This workshop offers **twelve**, pre-recorded presentations which the participant can preview prior to the live session. The three-hour live session will be divided into six 30-minute periods. A participant will pre-register for six 30-minute sessions. Placement of each participant into the six sessions is based on the participant's ranked preference order and availability when their registration is processed.

WORKSHOP OVERVIEW

This workshop will offer providers the skills to appropriately evaluate and manage injuries on the athletic field and sideline. This year we will not be able to offer hands-on, interactive workshops. However, each of the 12 sessions will feature pre-recorded material along with online modules illustrating instruction focused on guiding each participant through various clinical procedures and scenarios. During the three hour, live session participants will register for six presentations, one within each 30 minute session, to interact with the instructors to review and demonstrate the material in the pre-recorded sessions. Each presentation will have at least two faculty, one as the lead instructor and the other to answer questions via a chat feature.

WORKSHOP OBJECTIVES

Upon completion of this workshop, the participant should be able to:

- Manage an athlete with a suspected acute spine injury on the field.
- Appropriately recognize and treat acute ocular/orbital injuries.
- Remedy acute dental injuries.
- Expertly repair facial lacerations, including the use of regional anesthesia.
- Address acute ear lacerations and auricular hematomas.
- Deftly handle acute nasal emergencies.
- Assist the athlete in distress secondary to airway compromise on the field.
- Appropriately intervene on an athlete with a suspected acute fracture and/or dislocation on the field.
- Implement the sideline evaluation of an athlete with a suspected concussion.
- Provide a sideline assessment of an individual's readiness to return to physical activities utilizing a progression of functional activities.
- Be comfortable with the sideline assessment and management of an athlete with a suspected cardiac concern.
- Astutely engage in the sideline assessment and treatment of an athlete with an acute environmental/vascular emergency.

TARGET AUDIENCE/GOALS

The workshop will increase the confidence and competence of the physician who is currently or desiring to provide medical coverage of athletic events. An emphasis will be placed on providing teaching points of the evaluation and management techniques for physicians interested to bring this program back to their local communities.

REGISTRATION INFORMATION

- Pre-registration and separate fee required
- Registration is on a first-come, first-served basis
- Register on the meeting registration form (online encouraged)

PROGRAM

Participants will pre-register for six of the twelve 30-minute sessions.

Station A – Ocular/Orbital Injuries
Station B – Dental Fractures/Avulsions
Station C – Facial Lacerations/Regional Anesthesia
Station D – Dental Fractures/Avulsions
Station E – Nasal Emergencies
Station F – Advanced Airway Management
Station G – On-Field Management of the Spine-Injured Athlete
Station H – Sideline Concussion Assessment
Station I – Sideline Management of Upper Extremity Dislocations
Station J – Sideline Management of Lower Extremity Dislocations
Station K – Cardiac Concerns/AED Utilization
Station L – Environmental Emergencies (e.g. hypothermia, hyperthermia, tourniquet application)

FACULTY

Christopher Hogrefe, MD; Workshop Co-Chair	Allison Lane, MD
Michael J. Petrizzi, MD; Workshop Co-Chair	Ross Mathiasen, MD
Steven L. Cole, MEd, LAT, ATC	Scott M. Meester, MD
Gabby Ahlzadeh, MD	Landon R. Mueller, MD
Michael Antonis, DO	Matthew Negaard, MD
Kevin E. Burroughs, MD	Stephen L. Peery, MD
B. Kent Diduch, MD	Andrew Reisman, MD
Alexander Ebinger, MD	Jeff Roberts, MD, FAMSSM
Jeffrey P. Feden, MD, FAMSSM	Matthew Ryan, MAEd, ATC
Alecia Gende, DO	Sue Shapiro, EdD, LAT, ATC
Benjamin A. Hasan, MD, FAMSSM	Harry C. Stafford, MD, CSCS
Garry W.K. Ho, MD, CIC, FAMSSM	Jacob Stelter, MD
Abiye L. Ibiebele, MD	Timothy W. Thomsen, MD
Alex Kheradi, MD	Timothy Tiu, MD
Justine Ko, MD	Alex J. Tomesch, MD
M. Atef Kotob, MD	Anna L. Waterbrook, MD
	M. Teresa Whipple, MD
	Timothy J. Yu, MD

OPTIONAL EDUCATIONAL PRE-CONFERENCES

FELLOWSHIP FORUM

PRE-REGISTRATION NOT REQUIRED
FOR ANNUAL MEETING REGISTRANTS

WEDNESDAY, APRIL 14, 2021 • 6:30-9:00am PT (9:30am-12:00pm ET)

OVERVIEW

The Fellowship Forum is a pre-conference meeting that presents current issues important to the training of physicians in the discipline of sports medicine. The Fellowship Committee invites directors, associate directors, core fellowship faculty and fellows (current and future) to participate.

TARGET AUDIENCE

Students, residents, fellows, assistant fellowship directors, core fellowship faculty and fellowship directors.

GOALS AND OBJECTIVES

Upon completion of this course, the participant should be able to:

- Present new information and provide a forum for new ideas that pertain to the training of fellows in sports medicine.
- Offer updated information regarding ongoing projects of the Fellowship Committee.
- Create a venue for current fellows to voice comments and concerns regarding fellowship training.

CO-CHAIRS

Kenneth R. Mautner, MD, FAMSSM
Jason L. Zaremski, MD

FEATURED SPEAKERS

Eileen Anthony, MJ
Grant S. Hoekzema, MD
Karl B. Fields, MD, FAMSSM
Sunny Nakae, MSW, PhD
(Anderson Memorial
Lecture Speaker)

FACULTY

Jennifer Maynard, MD
Kenneth R. Mautner, MD, FAMSSM
Sunny Nakae, MSW, PhD
Marcia Newby-Goodman, MD
Richard A. Okaragly, MD, FAMSSM
Amy P. Powell, FAMSSM
Aditya Raghunandan, MD
Tracy Ray, MD, FAMSSM
Mark Stovak, MD, FAMSSM
Isaas P. Syrop, MD
Jason L. Zaremski, MD

CO-MODERATORS

Matthew S. Leiszler, MD
Kenneth R. Mautner, MD, FAMSSM
Jason L. Zaremski, MD

PROGRAM

JOINT SESSION 6:30-7:00am PT (9:30-10:00am ET)

6:30-6:50am PT (9:30-9:50am ET) Overview of Fellowship Forum and Initiatives Updates *Kenneth R. Mautner, MD, FAMSSM and Jason L. Zaremski, MD*

6:50-7:00am PT (9:50-10:00am ET) **Split into Separate Sessions**

DIRECTORS' SESSION (Concurrent Sessions) 7:00-9:00am PT (10:00am-12:00pm ET)

7:00-7:10am PT (10:00-10:10am ET) Brief Updates on Fellowship Sub-Committees *Kenneth R. Mautner, MD, FAMSSM and Jason L. Zaremski, MD*

7:10-7:20am PT (10:10-10:20am ET) Periodic Survey Update *Jennifer Maynard, MD*

7:20-7:50am PT (10:20-10:50am ET) **ANDERSON MEMORIAL LECTURE: Diversity in GME: Talent Management**

and Holistic Review **Featured Speaker:** *Sunny Nakae, MSW, PhD*

7:50-8:20am PT (10:50-11:20am ET) Updates from ACGME *Eileen Anthony, MJ; Karl B. Fields, MD, FAMSSM; and Grant S. Hoekzema, MD*

8:20-8:50am PT (11:20-11:50am ET) AMSSM Presidential Task Force on Fellowship Education:
An Update *Amy P. Powell, MD, FAMSSM;*
Tracy Ray, MD, FAMSSM; and Mark Stovak, MD, FAMSSM

8:50-9:00am PT (11:50am-12:00pm ET) Faculty Roundtable and Q and A **Moderators:** *Kenneth R. Mautner, MD, FAMSSM and Jason L. Zaremski, MD*

Faculty: *Eileen Anthony, MJ; Karl B. Fields, MD, FAMSSM; Grant S. Hoekzema, MD; Jennifer Maynard, MD; Sunny Nakae, MSW, PhD; Amy P. Powell, MD, FAMSSM; Tracy Ray, MD, FAMSSM; and Mark Stovak, MD, FAMSSM*

FELLOW SESSION 7:00-9:00am PT (Concurrent Sessions) (10:00am-12:00pm ET)

7:05-7:10am PT (10:05-10:10pm ET) Introduction *Matthew S. Leiszler, MD*

7:10-7:30am PT (10:10-10:30am ET) Tips for Starting Fellowship (Fellows Communication Platform/Facebook Page, Resources Including Fellows' Web Resource, Fellowship Field Manual) *Marcia Newby-Goodman, MD and Aditya Raghunandan, MD*

7:30-7:50am PT (10:30-10:50am ET) Tips for Ending Fellowship (sports economic tips, job salary survey, CAQ review tips) *Matthew S. Leiszler, MD and Yao-wen Eliot Hu, MD, MBA, CIC*

7:50-8:10am PT (10:50-11:10am ET) How to Get Involved in AMSSM (Fellowship Class Council, Fellowship Fair, AMSSM Committee Descriptions, Fellowship Class Rep Year in Review) *Nicolas Hatamiya, MD and Isaac P. Syrop, MD*

8:10-8:30am PT (11:10-11:30am ET) Sideline Preparedness in Fellowship and Beyond (Tips for Coverage Experience in Residency and Fellowship for Newcomers) *Andrea Kussman, MD*

8:30-9:00am PT (11:30am-12:00pm ET) Group Breakouts for Questions and Discussion (Split into Students/Residents, Rising Fellows and Graduating Fellows) *All Fellows Matters Sub-Committee members*

OPTIONAL EDUCATIONAL PRE-CONFERENCES

REGENERATIVE MEDICINE SYMPOSIUM: HOW TO ADD OR EXPAND YOUR ORTHOBIOLOGIC PRACTICE

WEDNESDAY, APRIL 14, 2021 • 9:15am-1:05pm PT (12:15-4:05pm ET)

PRE-REGISTRATION REQUIRED

REGISTRATION FEE

MEMBERS: \$200.00

NON-MEMBERS: \$250.00

OVERVIEW/TARGET AUDIENCE

Regenerative Medicine has rapidly evolved for its clinical utility in addressing the unmet need in musculoskeletal care. There have been significant clinical and basic science advances in technology and delivery strategy in the last few years. This symposium will bring together leading experts in the field of Orthobiologics and Regenerative Medicine to update the membership on current research and help guide clinical practice and decision making.

WORKSHOP OBJECTIVES

Upon completion of this pre-conference, the participant should be able to:

- Identify current updates on Regenerative Medicine from a legal and clinical perspective.
- Describe the factors to consider when choosing platelet rich plasma therapy and how to optimize the product for the desired outcome.
- Discuss how to responsibly introduce and perform regenerative medicine procedures in clinical practice in 2021.
- Analyze and incorporate the current literature out there to decide which regenerative medicine treatments actually work and when to use them.

CHAIR

Kenneth R. Mautner, MD, FAMSSM

MODERATOR

Joanne Borg-Stein, MD

FACULTY/PANELISTS

Tariq M. Awan, DO
Joanne Borg-Stein, MD
Jason L. Dragoo, MD
Christine Eng, MD
Joshua G. Hackel, MD
Kimberly G. Harmon, MD, FAMSSM
Andrew Ittleman
Gerard A. Malanga, MD
Kenneth R. Mautner, MD, FAMSSM
Kristin S. Oliver, MD, MPH
Brian J. Shiple, DO
Shane A. Shapiro, MD, FAMSSM

REGISTRATION INFORMATION

- Pre-registration and separate fee required
- Registration is on a first-come, first-served basis
- Register on the meeting registration form (online encouraged)

Participants will need to pre-register for the two breakout sessions by selecting your top three ranked choices for each breakout session on your registration form. Placement of each participant in the two breakout sessions is based on the participant's top three ranked choices and availability when their registration was processed.

On the registration form, you will need to indicate your top three ranked choices for each Breakout Session:

1st Breakout Sessions

- #1: How to Add MSC's (BMAC and MFAT) into My Practice?
- #2: Approach to Elite and Professional Athletes with Orthobiologics
- #3: How Do I Collect Meaningful Cellular and Outcome Data on my Patients Without Compromising Efficiency?
- #4: Tips for Harvesting Adipose Tissue for MSC procedures

2nd Breakout Sessions

- #5: Tips for Harvesting Bone Marrow Aspirate for MSC Procedures
- #6: How Do I Maintain a Regenerative Medicine Practice and Make Sure I am Compliant with FDA/FTC?
- #7: When to Use Traditional Prolotherapy Techniques in Regenerative Medicine?
- #8: What Are the Best Types of PRP for Different Pathologies (muscle, tendon, ligament, joint)?

Regenerative Medicine Symposium Program continued on next page...

OPTIONAL EDUCATIONAL PRE-CONFERENCES

Continued from previous page...

REGENERATIVE MEDICINE SYMPOSIUM: HOW TO ADD OR EXPAND YOUR ORTHOBIOLOGIC PRACTICE

WEDNESDAY, APRIL 14, 2021 • 9:15am-1:05pm PT (12:15-4:05pm ET)

PROGRAM

9:15-9:25am PT (12:15-12:25pm ET)	Introduction Kenneth R. Mautner, MD, FAMSSM
9:25-9:40am PT (12:25-12:40pm ET)	Updates on Regenerative Medicine, 2021 Kenneth R. Mautner, MD, FAMSSM and Shane A. Shapiro, MD, FAMSSM
9:40-10:05am PT (12:40-1:05pm ET)	How to Introduce Orthobiologics Responsibly into Practice Shane A. Shapiro, MD, FAMSSM
10:05-10:30am PT (1:05-1:30pm ET)	FDA/Regulatory Landscape in 2021 Andrew Ittleman
10:30-10:40am PT (1:30-1:40pm ET)	Question and Answer Session
10:40-10:55am PT (1:40-1:55pm ET)	BREAK
10:55-11:45am PT (1:55-2:45pm ET)	Panel Discussion/Case-Based Approach to Orthobiologics.... Moderator: Joanne Borg-Stein, MD Faculty Panel: Jason L. Dragoo, MD; Kimberly G. Harmon, MD, FAMSSM; Kenneth R. Mautner, MD, FAMSSM; Kentaro Onishi, DO; and Jacob R. Sellon, MD
11:45am-12:00pm PT (2:45-3:00pm ET)	BREAK
12:00-1:00pm PT (3:00-4:05pm ET)	Breakout Sessions (Attendees are placed in two breakout sessions based on availability of their top three ranked choices on their registration form)
12:00-12:25pm PT (3:00-3:25pm ET)	1st Breakout Sessions #1: How to Add MSC's (BMAC and MFAT) into My Practice? Joanne Borg-Stein, MD and Kristin S. Oliver, MD, MPH #2: Approach to Elite and Professional Athletes with Orthobiologics Kenneth R. Mautner, MD, FAMSSM and Joshua G. Hackel, MD #3: How Do I Collect Meaningful Cellular and Outcome Data on My Patients Without Compromising Efficiency? Tariq M. Awan, DO and Gerard A. Malanga, MD #4: Tips for Harvesting Adipose Tissue for MSC procedures Christine Eng, MD and Brian J. Shiple, DO
12:25-12:35pm PT (3:25-3:35pm ET)	BREAK/Switch to Your 2nd Breakout Session
12:40-1:05pm PT (3:40-4:05pm ET)	2nd Breakout Sessions #5: Tips for Harvesting Bone Marrow Aspirate for MSC Procedures..... Tariq M. Awan, DO and Kenneth R. Mautner, MD, FAMSSM #6: How Do I Maintain a Regenerative Medicine Practice and Make Sure I am Compliant with FDA/FTC?..... Andrew Ittleman and Shane A. Shapiro, MD, FAMSSM #7: When to Use Traditional Prolotherapy Techniques in Regenerative Medicine? Joanne Borg-Stein, MD and Brian J. Shiple, DO #8: What Are the Best Types of PRP for Different Pathologies (muscle, tendon, ligament,

OPTIONAL EDUCATIONAL PRE-CONFERENCES

AMSSM/NCAA PRE-CONFERENCE*

PRE-REGISTRATION NOT REQUIRED FOR
ANNUAL MEETING REGISTRANTS

WEDNESDAY, APRIL 14, 2021 • 9:35-11:15am PT (12:35-2:15pm ET)

**The AMSSM Foundation gratefully acknowledges the NCAA for their educational grant in support of this pre-conference.*

OVERVIEW

This workshop focuses on key areas to promote the health and safety of the collegiate athlete.

OBJECTIVES

Upon completion of this pre-conference, the participant should be able to:

- Explain the NCAA COVID-19 playing recommendations.
- Discuss how the NCAA Catastrophic Injury document helped to inform return to play decisions post-COVID-19.
- Outline priorities of the NCAA Sport Science Institute Concussion Policies.
- Identify the current issues the NCAA is considering regarding a possible update to its Transgender Athlete policies.
- Discuss the trends and changes to the NCAA Drug Testing Program.

CHAIR/MODERATOR

Mark Stovak, MD, FAMSSM

FACULTY

Stephanie Chu, DO, FAMSSM

Brian Hainline, MD

John T. Parsons, PhD, ATC

Mark Stovak, MD, FAMSSM

REGISTRATION INFORMATION

- Pre-registration required, no fee
- Registration is on a first-come, first-served basis
- Register on the meeting registration form (online encouraged)

PROGRAM

9:35-9:40am PT (12:35-12:40pm ET)	Introduction.....	Moderator: Mark Stovak, MD, FAMSSM
9:40-10:00am PT (12:40-1:00pm ET)	Safe Return to Sport and COVID-19.....	Brian Hainline, MD
10:00-10:15am PT (1:00-1:15pm ET)	Preventing Catastrophic Injury and Death in Collegiate Athletes: Application of Recommendations to COVID-19 Playing and Practice Season Disruptions.....	John T. Parsons, PhD, ATC
10:15-10:30am PT (1:15-1:30pm ET)	NCAA Concussion Update.....	Brian Hainline, MD
10:30-10:45am PT (1:30-1:45pm ET)	Gender Identity and Student Athlete Participation Summit Update	Stephanie Chu, DO, FAMSSM
10:45-11:00am PT (1:45-2:00pm ET)	Drug Testing Update	Mark Stovak, MD, FAMSSM
11:00-11:15am PT (2:00-2:15pm ET)	Questions & Answer Session	All Faculty

AMSSM/NCAA ELECTROCARDIOGRAM (ECG) INTERPRETATION IN THE ATHLETE WORKSHOP*

PRE-REGISTRATION NOT REQUIRED
FOR ANNUAL MEETING REGISTRANTS

WEDNESDAY, APRIL 14, 2021 • 11:20am-1:05pm PT (2:20-4:05pm ET)

**The AMSSM Foundation gratefully acknowledges the NCAA for their educational grant in support of this pre-conference.*

OVERVIEW

This workshop will review the "International Criteria" and provide a systematic approach for accurate ECG interpretation in athletes.

This ECG Interpretation Workshop will also address challenging or interesting ECGs shared by other AMSSM members. Please send any challenging or interesting ECGs to [Kristin Ragsdale](#) with a brief description or question. All ECGs should be de-identified without names, medical record numbers or other identifiers. Age, sex, race and sport are relevant and can be provided.

COURSE OBJECTIVES

Upon completion of this pre-conference, the participant should be able to:

- Distinguish normal physiologic ECG findings from ECG abnormalities requiring more investigation.
- Accurately apply the international Criteria in 6-steps!
- Outline the recommended secondary evaluation of specific ECG abnormalities.

CHAIR/FACULTY

Jonathan Drezner, MD, FAMSSM

REGISTRATION INFORMATION

- Pre-registration required, no fee
- Registration is on a first-come, first-served basis
- Register on the meeting registration form (online encouraged)

PROGRAM

11:20am-1:05pm PT (2:20-4:05pm ET)	Performance of the International Criteria, a Systematic 6-Step Approach to Accurate ECG Interpretation, Review of Normal and Abnormal ECGs, Difficult Cases and Q&A	Jonathan Drezner, MD, FAMSSM
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OPTIONAL EDUCATIONAL PRE-CONFERENCES

TRANSFORMING YOUR CLINICAL QUESTION INTO A SUCCESSFUL RESEARCH PROJECT: A RESEARCH PRE-CONFERENCE FOR AMSSM MEMBERS

PRE-REGISTRATION REQUIRED
REGISTRATION FEE
MEMBERS: \$25.00
NON-MEMBERS: N/A

WEDNESDAY, APRIL 14, 2021 • 9:35-11:15am PT (12:35-2:15pm ET)

OVERVIEW

This workshop will provide individual step-by-step guidance on how to write a research proposal for a grant and/or IRB submission.

TARGET AUDIENCE

Junior investigators, first time grant writers, community physicians, residents/fellows and physicians looking for feedback on grant proposals/future submissions.

WORKSHOP OBJECTIVES

Upon completion of this course, the participant should be able to:

- Discuss how to construct a strong, specific AIMS page.
- Identify key components of a research proposal/grant submission.
- Connect with individuals for research mentorship.

CHAIR

Katherine H. Rizzone, MD, MPH

FACULTY

Kathryn Ackerman, MD, MPH

Giselle Aerni, MD

Bianca Edison, MD, MS

Erin Hammer, MD, MPH

Stephanie Kliethermes, PhD

Christina L. Master, MD

Kyle Nagle, MD, MPH

Andrew R. Peterson, MD, MSPH, FAMSSM

Katherine H. Rizzone, MD, MPH

Andrea Straccioli, MD

Jillian E. Sylvester, MD

Yetsa Tuakli-Wosornu, MD, MPH

Drew Watson, MD, MS

REGISTRATION INFORMATION

- Pre-conference will be focused with small work groups designed for attendees to obtain direct and specific feedback from research faculty.
- Pre-conference and separate fee required
- Registration is on a first-come, first-served basis
- Register on the meeting registration form (online encouraged)
- Limited to 20 participants

Four 10-15 minute pre-work lectures will be encouraged to be watched prior to the workshop to maximize learning and efficiency of the session.

PROGRAM

9:35-9:50am PT (12:35-12:50pm ET)	How to Write Strong AIMSChristina L. Master, MD and/or Katherine H. Rizzone, MD, MPH
9:50-10:10am PT (12:50am-1:10pm ET)	Group Breakout into Small Group/1-on-1 Mentoring for Writing Strong AIMS Statements Workshop Faculty
10:10-10:20am PT (1:10-1:20pm ET)	Components of a Solid Grant Proposal Drew Watson, MD, MS
10:20-10:40am PT (1:20-1:40pm ET)	Group Breakout: Sketching Out Methods for Proposal..... Workshop Faculty
10:40-10:50am PT (1:40-1:50pm ET)	Stat Overview: Different Types of Stats for Different Types of Studies Stephanie Kliethermes, PhD
10:50-11:05am PT (1:50-2:05pm ET)	Group Breakout: Stat Consults, Sample Sizing Workshop Faculty
11:05-11:15am PT (2:05-2:15pm ET)	Special Topics: Different Funding Mechanisms, Including AMSSM, Grant Submission Scoring Rubrics.....Erin Hammer, MD, MPH

OPTIONAL EDUCATIONAL PRE-CONFERENCES

AMSSM/ACSM: CAQ PREPARATION REVIEW SESSION

PRE-REGISTRATION NOT REQUIRED FOR
ANNUAL MEETING REGISTRANTS

WEDNESDAY, APRIL 14, 2021 • 9:35-11:15am PT (12:35-2:15pm ET)

OVERVIEW

This session aims to provide a concise review of essential information for preparation for the Sports Medicine CAQ examination. The topics selected are based upon the required content areas of the examination. The format will consist of five presentations that will emphasize the key points for each of the content areas that are presented. Pearls and pitfalls will be highlighted.

COURSE OBJECTIVES

Upon completion of this course, the participant should be able to:

- Become familiar with selected content areas of the Sports Medicine CAQ that are required, but may be overlooked.
- Understand the current standards for the management of these selected conditions.
- Discuss common conditions encountered in running and marathon medicine.
- Provide an overview of common spinal injuries, infectious disease topics and the care of master athletes.

CO-CHAIRS (AMSSM)

Chad Hudsopple, DO
M. Kyle Smoot, MD

CO-CHAIRS (ACSM)

Anastasia Noel Fischer, MD
Jason L. Zaremski, MD

FACULTY

Kenneth P. Barnes, MD, MSc, FAMSSM
Rahul Kapur, MD
Francis G. O'Connor, MD, MPH, FAMSSM
Amy P. Powell, MD, FAMSSM
Siobhan M. Statuta, MD

PROGRAM

Masters Athletes	Amy P. Powell, MD, FAMSSM
Running Medicine	Siobhan M. Statuta, MD
Spine Injuries	Kenneth P. Barnes, MD, MSc, FAMSSM
Marathon Medicine	Rahul Kapur, MD
Infectious Disease.....	Francis G. O'Connor, MD, MPH, FAMSSM

KEY ISSUES FOR THE PROFESSIONAL/ELITE TEAM PHYSICIAN*

PRE-REGISTRATION NOT REQUIRED FOR
ANNUAL MEETING REGISTRANTS

Competition during the Pandemic: Responding to the Challenge and Developing Strategies for Athlete Health and Safety

WEDNESDAY, APRIL 14, 2021 • 11:20am-1:15pm PT (2:20-4:15pm ET)

OVERVIEW

This course seeks to inform the young sports medicine physician who has taken on the role of team physician for an elite/professional athlete with some useful tools from the perspective of experienced physicians in this arena.

CO-CHAIRS/MODERATORS

John P. DiFiori, MD, FAMSSM
Jeffrey L. Tanji, MD, FAMSSM

FACULTY

Jonathan T. Finnoff, DO, FAMSSM
Gary Green, MD
Willem (Winne) Meeuwisse, MD, MPE, PhD,
CCFP(SEM), Dip Sport Med
Dermot Phelan, MD, PhD
Margot Putukian, MD, FAMSSM
Allen Sills, MD

REGISTRATION INFORMATION

- Pre-registration required, no fee
- Registration is on a first-come, first-served basis
- Register on the meeting registration form (online encouraged)

PROGRAM

11:20-11:25am PT (2:20-2:25pm ET)	Introduction.....	Moderator: Jeffrey L. Tanji, MD
11:25-11:45am PT (2:25-2:45pm ET)	COVID-19 and Cardiovascular Complications in the Elite Athlete: How Concerned Should We Be?	Dermot Phelan, MD PhD
11:45am-12:05pm PT (2:45-3:05pm ET)	The Unique Challenges of COVID-19 in International Sport Competition: Planning for the Olympics and the USOPC Experience	Jonathan Finnoff, DO, FAMSSM
12:05-12:25pm PT (3:05-3:25pm ET)	Managing COVID-19 in Professional Team Sports: The Ups and Downs of Surveillance Testing, Travel, Quarantines and Return to Play	Margot Putukian, MD, FAMSSM
12:25-12:45pm PT (3:25-3:45pm ET)	Navigating the Pandemic: Lessons Learned in the NFL Season	Allen Sills, MD
12:45-1:15pm PT (3:45-4:15pm ET)	Panel Discussion	Faculty Panel

Moderator: John DiFiori, MD, FAMSSM

OPTIONAL EDUCATIONAL ACTIVITY

Virtual Resident & Medical Student Boot Camp 2021 – Practical Skills for the Aspiring Sports Medicine Physician

THURSDAY, APRIL 15, 2021 • 5:40-7:00pm PT (8:40-10:00pm ET)

Register for the Boot Camp on the Meeting Registration Form

AMSSM RESIDENT/STUDENTS
MEMBERS ONLY

PRE-REGISTRATION NOT REQUIRED FOR
RESIDENT/STUDENT ANNUAL MEETING REGISTRANTS

TARGET AUDIENCE/OVERVIEW

This session is designed for medical students and residents who are interested in improving their sports medicine skills. It will provide practical tips that can be used during sideline coverage and in the sports medicine clinic.

WORKSHOP GOALS

- Provide educational material targeted to the resident/medical student level.
- Teach residents/medical students valuable skills to use on the sideline or in the clinic.
- Encourage networking and collaboration within the AMSSM trainee population.

WORKSHOP OBJECTIVES

Upon completion of this course participants should be able to:

- Perform a sideline concussion assessment, with appropriate clinical decision making.
- Discuss how to safely address joint dislocations.
- Recognize and triage other urgent and emergent sideline conditions.
- Interpret ECG findings in athletes, and identify red-flags which require further work-up.

CO-COURSE DIRECTORS

Andrea Kussman, MD

Isaac P. Syrop, MD

CONFIRMED COURSE FACULTY

Joshua T. Goldman, MD, MBA

Matthew S. Leiszler, MD

Emily M. Miller, MD

David M. Siebert, MD

REGISTRATION INFORMATION

- Pre-registration and separate fee required
- Registration is on a first-come, first-served basis
- Register on the meeting registration form (online encouraged)

PROGRAM

5:40-5:45pm PT (8:40-8:45pm ET)	WelcomeAndrea Kussman, MD and Isaac P. Syrop, MD
5:45-6:00pm PT (8:45-9:00pm ET)	Concussion Sideline Assessment..... Matthew S. Leiszler, MD
6:00-6:15pm PT (9:00-9:15pm ET)	Joint Dislocation PearlsJoshua T. Goldman, MD
6:15-6:30pm PT (9:15-9:30pm ET)	Urgent/Emergent Sideline Conditions..... Emily M. Miller, MD
6:30-6:45pm PT (9:30-9:45pm ET)	ECG Interpretation in Athletes David M. Siebert, MD
6:45-7:00pm PT (9:45-10:00pm ET)	Question and Answer Session Workshop Faculty

VIRTUAL FELLOWSHIP FAIR

SATURDAY, APRIL 17, 2021

One Extended Session: 7:00-8:45am PT (10:00-11:45am ET)

For nearly a decade, the AMSSM Fellowship Fair has provided a great opportunity for residents and students to meet with sports medicine fellowship programs during the Annual Meeting.

As part of the 2021 Virtual Annual Meeting, we're recreating this popular program in a virtual format through the Eventmobi Annual Meeting App/Virtual Platform. The Virtual Fair will take place on Saturday, April 17, 2021 for one extended session from 7:00-8:45am PT (10:00-11:45am ET). During that time, Fellowship Directors and faculty will be available to connect with anyone interested in learning more about their respective program.

Please Note:

- **The Fellowship Director OR Assistant Fellowship Director must register to attend the Annual Meeting and will also need to complete the Fellowship Fair registration section within the Virtual 2021 Annual Meeting Registration form (online registration form preferred) in order for your Sports Medicine Fellowship Program to have a booth in the Virtual Fellowship Fair.**
- **Attendees must be registered for the Annual Meeting to attend the Virtual Fellowship Fair.**

To help residents and fellows find programs more easily, we have evenly divided sports medicine fellowships into five regional groups:

- Great Lakes and Midwest - IA, IL, IN, KS, MI, MN, MO, OH, WI
- Northeast - CT, DE, DC, MA, ME, MD, NJ, NY, PA, RI, WV

FELLOWSHIP DIRECTORS OR ASSISTANT FELLOWSHIP DIRECTORS:

TO REGISTER YOUR SPORTS MEDICINE FELLOWSHIP PROGRAM FOR THE VIRTUAL FELLOWSHIP FAIR:

The Fellowship Director OR Assistant Fellowship Director must register to attend the Annual Meeting and will also need to complete the Fellowship Fair registration section within the Virtual 2021 Annual Meeting Registration form (online registration form preferred) in order for your Sports Medicine Fellowship Program to have a booth in the Virtual Fellowship Fair.

After submitting your online registration, you will receive an email confirmation that your Sports Medicine Fellowship Program has been registered for the 2021 Virtual Fellowship Fair. Participating Sports Medicine Fellowship Programs will be assigned to a region and given instructions on setting up their program on the Eventmobi Annual Meeting App.

BY APRIL 12, 2021: Fellowship Directors, Assistant Fellowship Directors and Faculty and faculty will create a post for their program and may include links to engage with their program in the format of their choice, including video links, Facebook Live or Zoom session links and/or PowerPoint presentations.

Thank you in advance for your participation in this exciting event, and contact [Kristin Ragsdale](#) if you have any additional questions about the Virtual Fellowship Fair.

2021 AMSSM 30TH Annual Meeting Twitter Feed

#AMSSM2021

Not familiar with Twitter? Not to worry. It's easy to sign up and begin following the Annual Meeting conversation. Go to Twitter.com and on the right side, complete the section that says, "New to Twitter? Sign Up." Once you've completed the sign up portion, you've officially joined the Twittersverse.

In order to keep up with all the latest AMSSM tweets during the Annual Meeting, you'll need to follow us by locating @TheAMSSM in the search section. Enter @TheAMSSM and click on our profile. Then click follow. You'll then be able to tweet questions and comments to us throughout the week.

How do I connect with the AMSSM Annual Meeting conversation? Participants use hashtags (#) to organize conversations around a specific topic. Twitter is made up of 140-character messages called tweets. Clicking on a hashtag takes you to search results for that term. For those of you who already have an active Twitter account, be sure to join the conversation by tweeting your questions and comments to @TheAMSSM using the hashtag, #AMSSM2021, in your tweets.

For messages related to the 2021 AMSSM 30th Annual Meeting – use #AMSSM2021.



PRE-CONFERENCES

TUESDAY, APRIL 13, 2021

7:30am-12:00pm PT FUNDAMENTALS OF SPORTS ULTRASOUND HIP AND KNEE PRE-CONFERENCE

(10:30am-3:00pm ET) *(Pre-registration and separate fee required)*

Program Chair of Sports Ultrasound Courses: Mederic M. Hall, MD

Co-Course Directors: Evan Peck, MD and Shane A. Shapiro, MD, FAMSSM

Faculty: Fred H. Brennan Jr, DO; Emily E. Dixon, DO, FAMSSM; Sadiq Haque, DO; Troy Henning, DO; Evan Peck, MD; Shane A. Shapiro, MD, FAMSSM; Christopher J. Visco, MD; and Brandee L. Waite, MD

8:00am-1:00pm PT 2021 AMSSM CRN SUMMIT: EXERCISE MEDICINE AND PHYSICAL ACTIVITY PROMOTION

(11:00am-4:00pm ET) *(pre-registration and separate fee required)*

Co-Chairs: Irfan M. Asif, MD and Jonathan Drezner, MD, FAMSSM

AMSSM Research Director: Stephanie Kliethermes, PhD

Faculty: Irfan M. Asif, MD; Jonathan Drezner, MD, FAMSSM; Mats Borjesson, MD; Fiona Bull, MBE, PhD, MSc; Chad T. Carlson, MD, FAMSSM; Jeremy L. Coleman, MD; Karl B. Fields, MD, FAMSSM; Lisa Howley, PhD, MEd; Lailah Issac, DO; Elizabeth A. Joy, MD, MPH, FAMSSM; Jonathan Kaltman, MD; NiCole R. Keith, PhD; Cynthia R. LaBella, MD, FAMSSM; Warren P. Newton, MD, MPH; Robert E. Sallis, MD; Martin Schwellnus, MBBCh, MSc(Med), MD; Jane S. Thornton, MD, PhD, CCFP(SEM), Dip Sp Phy (IOC); Brandee L. Waite, MD; Juana Willumsen, PhD; and Jason L. Zaremski, MD

Living Library: Irfan M. Asif, MD; Mats Borjesson, MD; Stephen Carek, MD; Elizabeth A. Joy, MD, MPH, FAMSSM; Cynthia R. LaBella, MD, FAMSSM; Chris Miles, MD, FAMSSM; Geoffrey E. Moore, MD; Melissa Nayak, MD; Melissa Novak, DO; Martin Schwellnus, MBBCh, MSc(Med), MD; and Jane S. Thornton, MD, PhD, CCFP(Med), Dip Sp Phy (IOC)

1:00-5:45pm PT (4:00-8:45pm ET)

ADVANCED SPORTS ULTRASOUND PRE-CONFERENCE *(Pre-registration and separate fee required)*

Program Chair of Sports Ultrasound Courses: Mederic M. Hall, MD

Co-Course Directors: Joanne Borg-Stein, MD and Douglas Hoffman, MD

Faculty: Michael Baria, MD, MBA; Jason L. Dragoo, MD; Mederic M. Hall, MD; Douglas Hoffman, MD; Julia L. Iafrate, DO; Elena (Ellie) Jelsing, MD; Brett Kindle, MD; Robert Monaco, MD, MPH; Adam Pourcho, DO; Jeremiah W. Ray, MD; and Humberto Gerardo (Tito) Rosas, MDF

Featured Speaker: Humberto Gerardo (Tito) Rosas, MD (AIUM Exchange Lecture Speaker)

Moderator: Joanne Borg-Stein, MD

2:00-5:00pm PT (5:00-8:00pm ET)

S.M.A.R.T. — E.S.T. WORKSHOP *(pre-registration and separate fee required)*

(Sideline Management Assessment & Response Technique — Emergency Sports Trauma Workshop)

Co-Chairs: Christopher Hogrefe, MD and Michael J. Petrizzi, MD

Faculty: Christopher Hogrefe, MD, Workshop Co-Chair; Michael J. Petrizzi, MD; Workshop Co-Chair; Steven L. Cole, MEd, LAT, ATC; Gabby Ahlzadeh, MD; Michael Antonis, DO; Kevin E. Burroughs, MD; B. Kent Diduch, MD; Alexander Ebinger, MD; Jeffrey P. Feden, MD, FAMSSM; Alecia Gende, DO; Benjamin A. Hasan, MD, FAMSSM; Garry W.K. Ho, MD, CIC, FAMSSM; Abiye L. Ibiebele, MD; Alex Kheradi, MD; Justine Ko, MD; M. Atef Kotob, MD; Allison Lane, MD; Ross Mathiasen, MD; Scott M. Meester, MD; Landon R. Mueller, MD; Matthew Negaard, MD; Stephen L. Peery, MD; Andrew Reisman, MD; Jeff Roberts, MD, FAMSSM; Matthew Ryan, MAEd, ATC; Sue Shapiro, EdD, LAT, ATC; Harry C. Stafford, MD, CSCS; Jacob Stelter, MD; ; Timothy W. Thomsen, MD; Timothy Tiu, MD; Alex J. Tomesch, MD; Anna L. Waterbrook, MD; M. Teresa Whipple, MD; and Timothy J. Yu, MD

WEDNESDAY, APRIL 14, 2021

7:00-8:00am PT (10:00-11:00am ET)

ULTRASOUND PROCEDURAL SKILLS WORKSHOP *(Pre-registration and separate fee required)*

Program Co-Chairs of Sports Ultrasound Courses: Douglas Hoffman, MD and Mederic M. Hall, MD

Co-Leaders: Blake Boggess, DO and Douglas Hoffman, MD

#1 Posteriolateral Knee UltrasoundKentaro Onishi, DO

6:30-9:00am PT (9:30am-12:00pm ET)

FELLOWSHIP FORUM

Co-Chairs: Kenneth R. Mautner, FAMSSM and Jason L. Zaremski, MD

Co-Moderators: Kenneth R. Mautner, MD, FAMSSM; Matthew S. Leiszler, MD; and Jason L. Zaremski, MD

Faculty: Eileen Anthony, MJ; Leah Concannon, MD; Karl B. Fields, MD, FAMSSM; Nicolas Hatamiya, DO; Grant S. Hoekzema, MD; Yao-wen Eliot Hu, MD, MBA, CIC; Morteza Khodaei, MD, MPH, FAMSSM; Jessica Knapp, DO; Andrea Kussman, MD; Matthew S. Leiszler, MD; Jennifer Maynard, MD; Kenneth R. Mautner, MD, FAMSSM; Sunny Nakae, MSW, PhD; Marcia Newby-Goodman, MD; Richard A. Okragly, MD, FAMSSM; Amy P. Powell, MD, FAMSSM; Aditya Raghunandan, MD; Tracy Ray, MD, FAMSSM; Mark Stovak, MD, FAMSSM; Isaacs P. Syrop, MD; and Jason L. Zaremski, MD

Featured Speakers: Eileen Anthony, MJ; Karl B. Fields, MD, FAMSSM; Grant S. Hoekzema, MD; and Sunny Nakae, MSW, PhD (Anderson Memorial Lecture Speaker)

PROGRAM

WEDNESDAY, APRIL 14, 2021 *continued...*

- | | |
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| 9:15am-1:05pm PT
(12:15-4:05pm ET) | REGENERATIVE MEDICINE SYMPOSIUM:
 HOW TO ADD OR EXPAND YOUR ORTHOBIOLOGIC PRACTICE <i>(Pre-registration and separate fee required)</i>
Chair: <i>Kenneth R. Mautner, MD, FAMSSM</i>
Faculty/Panelists: <i>Tariq M. Awan, DO; Joanne Borg-Stein, MD; Jason L. Dragoo, MD; Christine Eng, MD; Joshua G. Hackel, MD; Kimberly G. Harmon, MD, FAMSSM; Andrew Ittleman; Gerard A. Malanga, MD; Kenneth R. Mautner, MD, FAMSSM; Kristin S. Oliver, MD, MPH; Brian J. Shiple, DO; and Shane A. Shapiro, MD, FAMSSM</i>
Moderator: <i>Joanne Borg-Stein, MD</i> |
| 9:35-11:15am PT
(12:35-2:15pm ET) | AMSSM/NCAA PRE-CONFERENCE SESSION* <i>(Pre-registration required, no fee)</i>
Chair/Moderator: <i>Mark Stovak, MD</i>
Faculty: <i>Stephanie Chu, DO, FAMSSM; Brian Hainline, MD; John T. Parsons, PhD, ATC; and Mark Stovak, MD, FAMSSM</i>
<i>*The AMSSM Foundation gratefully acknowledges the NCAA for their educational grant in support of this pre-conference.</i> |
| 9:35-11:15am PT
(12:35-2:15pm ET) | TRANSFORMING YOUR CLINICAL QUESTION INTO A SUCCESSFUL RESEARCH PROJECT:
 A RESEARCH PRE-CONFERENCE FOR AMSSM MEMBERS <i>(Pre-registration required, separate fee required)</i>
Chair: <i>Katherine H. Rizzone, MD, MPH;</i>
Faculty: <i>Kathryn Ackerman, MD, MPH; Giselle Aerni, MD; Bianca Edison, MD, MS; Erin Hammer, MD, MPH; Stephanie Kliethermes, PhD; Christina L. Master, MD; Kyle Nagle, MD, MPH; Andrew Peterson, MD, MSPH, FAMSSM; Katherine H. Rizzone, MD, MPH; Andrea Straccioli, MD; Jillian E. Sylvester, MD; Yetta Tuakli-Wosornu, MD, MPH; and Drew Watson, MD, MS</i> |
| 9:35-11:15am PT
(12:35-2:15pm ET) | AMSSM/ACSM CAQ PREPARATION REVIEW SESSION
Co-Chairs (AMSSM): <i>Chad Hulsopple, DO and M. Kyle Smoot, MD</i>
Co-Chairs (ACSM): <i>Anastasia Noel Fischer, MD and Jason L. Zaremski, MD</i>
Faculty: <i>Kenneth P. Barnes, MD, MSc, FAMSSM; Rahul Kapur, MD; Francis G. O'Connor, MD, MPH, FAMSSM; Amy P. Powell, MD, FAMSSM; and Siobhan M. Statuta, MD</i> |
| 11:20am-1:05pm PT
(2:20-4:05pm ET) | AMSSM/NCAA: ELECTROCARDIOGRAM (ECG) INTERPRETATION IN THE ATHLETE WORKSHOP*
<i>Pre-registration required, no fee</i>
Chair/Faculty: <i>Jonathan Drezner, MD</i>
<i>*The AMSSM Foundation gratefully acknowledges the NCAA for their educational grant in support of this pre-conference.</i> |
| 11:20am-1:15pm PT
(2:20-4:15pm ET) | AMSSM/NFL: KEY ISSUES FOR THE PROFESSIONAL/ELITE TEAM PHYSICIAN*
 COMPETITION DURING THE PANDEMIC: RESPONDING TO THE CHALLENGE AND
 DEVELOPING STRATEGIES FOR ATHLETE HEALTH AND SAFETY <i>(Pre-registration required, no fee)</i>
Co-Chairs/Moderators: <i>John P. DiFiori, MD, FAMSSM and Jeffrey L. Tanji, MD, FAMSSM</i>
Faculty: <i>Jonathan T. Finnoff, DO, FAMSSM; Gary Green, MD; Willem (Winne) Meeuwisse, MD, MPE, PhD, CCFP(SEM), Dip Sport Med; Dermot Phelan, MD, PhD; Margot Putukian, MD, FAMSSM; and Allen Sills, MD</i>
<i>*The AMSSM Foundation gratefully acknowledges the NFL for their educational grant in support of this pre-conference.</i> |

PROGRAM

VIRTUAL AMSSM 30TH ANNUAL MEETING | COME TOGETHER: Sports Medicine for EVERYBODY

WEDNESDAY, APRIL 14, 2021

1:05-1:30pm PT (4:05-4:30pm ET)	VIRTUAL EXHIBITS OPEN
1:35-2:00pm PT (4:35-5:00pm ET)	MEETING KICKOFF President's Welcome <i>Tracy Ray, MD, FAMSSM; AMSSM President</i> Welcome and Announcements..... <i>Amy P. Powell, MD, FAMSSM; First Vice President</i> <i>Carlin Senter, MD, FAMSSM; Program Chair</i>
2:00-4:25pm PT (5:00-7:25pm ET)	SESSION #1: EXERCISE MEDICINE: MAKING IT WORK AROUND THE WORLD..... <i>Moderator: Carlin Senter, MD, FAMSSM</i>
2:00-2:05pm PT (5:00-5:05pm ET)	Introduction..... <i>Carlin Senter, MD, FAMSSM</i>
2:05-2:35pm PT (5:05-5:35pm ET)	Harnessing the Science of Behavioral Change: Hip Hop Public Health..... <i>Featured Speakers: Lori Rose Benson and Olajide Williams, MD</i>
2:35-2:40pm PT (5:35-5:40pm ET)	Brain Break <i>Hip Hop Public Health</i>
2:40-2:55pm PT (5:40-5:55pm ET)	CASEM EXCHANGE LECTURE: High Value Physical Activity Advice: How to Give the Right Activity Prescription to the Right Person at the Right Time..... <i>Featured Speaker: Jane S. Thornton, MD, PhD, CCFP(SEM), Dip Sp Phy (IOC)</i>
2:55-3:10pm PT (5:55-6:10pm ET)	The Swedish Physical Activity on Prescription: Using a Patient-Centered Approach..... <i>Featured Speaker: Mats Borjesson, MD</i>
3:10-3:15pm PT (6:10-6:15pm ET)	Brain Break <i>Hip Hop Public Health</i>
3:15-3:25pm PT (6:15-6:25pm ET)	AMSSM's Collaborative Research Network and Exercise Medicine <i>Anthony Beutler, MD, FAMSSM and Stephanie Kliethermes, PhD</i>
3:25-3:35pm PT (6:25-6:35pm ET)	AMSSM Research Summit: Best Exercise Medicine Practices for the Sports Medicine Physician Today..... <i>Irfan M. Asif, MD</i>
3:35-3:50pm PT (6:35-6:50pm ET)	Questions and Answers
3:55-4:00pm PT (6:55-7:00pm ET)	Introduction of Presidential Keynote Speaker <i>Nicole Stern, MD</i>
4:00-4:25pm PT (7:00-7:25pm ET)	PRESIDENTIAL KEYNOTE ADDRESS: "Footprints" <i>Presidential Keynote Speaker: Billy Mills</i>
4:25-4:55pm PT (7:25-7:55pm ET)	BREAK EXHIBITS
5:00-6:30pm PT (8:00-9:30pm ET)	SESSION #2: LEVELING THE PLAYING FIELD – SPORTS MEDICINE FROM AN EQUITY LENS..... <i>Moderator: Cheri A. Blauwet, MD</i>
5:00-5:05pm PT (8:00-8:05pm ET)	Introduction..... <i>Cheri A. Blauwet, MD</i>
5:05-5:20pm PT (8:05-8:20pm ET)	Consequences Associated with Low Physical Activity Access..... <i>Featured Speaker: NiCole Keith, PhD</i>
5:20-5:25pm PT (8:20-8:25pm ET)	Brain Break <i>Hip Hop Public Health</i>

PROGRAM

WEDNESDAY, APRIL 14, 2021 *continued...*

5:25-5:40pm PT (8:25-8:40pm ET)	Leveling the Playing Field – An Overview of the National Youth Sport Strategy Featured Speaker: Katrina L. Piercy, PhD, RD, ACSM-CEP
5:40-5:55pm PT (8:40-8:55pm ET)	Systemic Racism and Sports Medicine Care Featured Speaker: Emily Kroshus, ScD, MPH
5:55-6:00pm PT (8:55-9:00pm ET)	Brain Break Hip Hop Public Health
6:00-6:15pm PT (9:00-9:15pm ET)	Promoting Diversity within Sports Medicine: Current Gaps and Future Opportunities Carly Day, MD
6:15-6:30pm PT (9:15-9:30pm ET)	Questions and Answers

THURSDAY, APRIL 15, 2021

6:15-7:15am PT (9:15-10:15am ET)	Virtual IronStrength Bootcamp Jordan D. Metz, MD
6:45-7:45am PT (9:45-10:45am ET)	ULTRASOUND PROCEDURAL SKILLS WORKSHOP (Pre-registration and separate fee required) Program Co-Chairs of Sports Ultrasound Courses: Douglas Hoffman, MD and Mederic M. Hall, MD Co-Leaders: Blake Boggess, DO and Douglas Hoffman, MD #2 Anterior Elbow Ultrasound. Christine Eng, MD
7:00-7:45am PT (10:00-10:45am ET)	INSTRUCTIONAL COURSE LECTURES (registration not required, no fee) #1 Resident/Student Specific ICL: What You Need to Know for Fellowship Jason L. Zaremski, MD • Emergency Medicine Aaron J. Monseau, MD • Family Medicine Ashwin Rao, MD, FAMSSM and Melissa Novak, DO • Pediatrics Andrew J.M. Gregory, MD, FAMSSM • PM&R Kelly McInnis, DO #2 Leadership NiCole Keith, PhD #3 Interdisciplinary Adaptive Sports Programs – Creating Athletes and Promoting Exercise for All Michael Fredericson, MD; Donald Kasitinon, MD; Emily Kraus, MD; and Emily K. Miller Olson, MD #4 Hot Topics: Sports Medicine Literature Year in Review Robert J. Baker, MD, PhD, ATC; Yao-wen Eliot Hu, MD, MBA, CIC and Lee A. Mancini, MD, CSCS*D, CSN #5 Faculty Development: Research Planning – How to Build a Longitudinal Curriculum Kyle Judkins, DO Morteza Khodae, MD, MPH, FAMSSM; Stephanie Kliethermes, PhD; Jessica Knapp, DO; and Brett G. Toresdahl, MD
7:00-7:50am PT (10:00-10:50am ET)	RISING WITH RESEARCH
7:55-8:00am PT (10:55-11:00am ET)	ANNOUNCEMENTS
8:00-9:30am PT (11:00am-12:30pm ET)	SESSION #3: COLLABORATIVE ASPECTS OF THE THROWING ATHLETE Moderator: Melody Hrubes, MD
8:00-8:05am PT (11:00-11:05am ET)	Introduction Melody Hrubes, MD
8:05-8:20am PT (11:05-11:20am ET)	AOSSM EXCHANGE LECTURE: Adolescent Throwing Injuries, Pitch Counts and Overuse: Why Aren't Throwing Injuries Decreasing? Featured Speaker: Anthony Romeo, MD
8:20-8:35am PT (11:20-11:35am ET)	Weighted Baseball Throwing Programs: Are the Benefits Worth the Risk? Jason L. Zaremski, MD

PROGRAM

THURSDAY, APRIL 15, 2021 *continued...*

8:35-8:55am PT (11:35-11:55am ET)	Point/Counterpoint: Ultrasound vs. MRI (Arthrogram) – Best Imaging Modality for UCL Injuries of the Elbow
8:35-8:45am PT (11:35-11:45am ET)	Ultrasound <i>Mederic M. Hall, MD</i>
8:45-8:55am PT (11:45-11:55am ET)	MRI <i>Anthony Romeo, MD</i>
8:55-9:15am PT (11:55am-12:15pm ET)	ACSM EXCHANGE LECTURE: Return to Throwing After Injury Featured Speaker: <i>Gretchen D. Oliver, PhD, ATC, CES</i>
9:15-9:30am PT (12:15-12:30pm ET)	Questions and Answers
9:35-10:05am PT (12:35-1:05pm ET)	BREAK ORAL RESEARCH POSTER SESSION 1A (AMSSM COLLABORATE) VIRTUAL EXHIBITS OPEN
10:15-11:45am PT (1:15-2:45pm ET)	SESSION #4: ORTHOBIOLOGICS – WHAT EVERY SPORTS MEDICINE PHYSICIAN NEEDS TO KNOW Moderator: <i>Sameer Dixit, MD, FAMSSM</i>
10:15-10:20am PT (1:15-1:20pm ET)	Introduction <i>Sameer Dixit, MD, FAMSSM</i>
10:20-10:35am PT (1:20-1:35pm ET)	Responsible Use of Regenerative Medicine Products in Sports Medicine <i>Jonathan T. Finnoff, DO, FAMSSM</i>
10:35-10:45am PT (1:35-1:45pm ET)	PRP Preparation and Production <i>Kenneth R. Mautner, MD, FAMSSM</i>
10:45-11:00am PT (1:45-2:00pm ET)	What Every Sports Medicine Physician Needs to Know About Orthobiologics for Knee Osteoarthritis <i>Joanne Borg-Stein, MD</i>
11:00-11:10am PT (2:00-2:10pm ET)	What Every Sports Medicine Physician Needs to Know About Orthobiologics for Lateral Elbow Tendinopathy <i>Kimberly G. Harmon, MD, FAMSSM</i>
11:10-11:30am PT (2:10-2:30pm ET)	How Do Patients and Physicians Consider Scientific Evidence in Making Shared Decisions to Pursue Orthobiologic Interventions? Featured Speaker: <i>Zubin Master, PhD</i>
11:30-11:45am PT (2:30-2:45pm ET)	Questions and Answers
11:55am-12:45pm PT (2:55-3:45pm ET)	LUNCH VIRTUAL EXHIBITS OPEN
11:55am - 12:45pm PT (2:55-3:45pm ET)	SPECIAL INTEREST GROUP BREAKOUTS • Academics <i>Irfan M. Asif, MD and Steven Poon, MD</i> • Military <i>Chad Hulsopple, DO; Nathaniel Nye, MD, Maj, USAF, MC; and Julie A. Creech, DO, Capt, USAF, MC</i> • Private Practice <i>Selina Shah, MD</i> • Resident/Student <i>David A. Ross, MD</i>
12:50-2:20pm PT (3:50-5:20pm ET)	SESSION #5: WHAT'S THE LATEST – MODALITIES AND REHABILITATION FOR TENDINOSIS Moderator: <i>Kyle Goerl, MD</i>
12:50-12:55pm PT (3:50-3:55pm ET)	Introduction <i>Kyle Goerl, MD</i>
12:55-1:15pm PT (3:55-4:15pm ET)	Exercise in the Management of Tendon Pain Featured Speaker: <i>Rod Whiteley, PhD</i>
1:15-1:16pm PT (4:15-4:16pm ET)	Activity Break

PROGRAM

THURSDAY, APRIL 15, 2021 *continued...*

1:16-1:36pm PT (4:16-4:36pm ET)	CRN Spotlight: Mechanisms of Pain, Tendinopathy and How That Affects Rehabilitation Featured Speaker: Ruth L. Chimenti, PT, PhD
1:36-1:37pm PT (4:36-4:37pm ET)	Activity Break
1:37-1:52pm PT (4:37-4:52pm ET)	What's the Best Treatment for Gluteal Tendinopathy? Featured Speaker: Alison Grimaldi, PhD, BPhy, MPhtySt (Sports)
1:52-1:53pm PT (4:52-4:53pm ET)	Activity Break
1:53-2:08pm PT (4:53-5:08pm ET)	Effect of Extracorporeal Shock Wave (ECSW) for Management of Upper and Lower Extremity Tendinopathy Robert J. Dimeff, MD, FAMSSM
2:08-2:20pm PT (5:08-5:20pm ET)	Questions and Answers
2:25-2:55pm PT (5:25-5:55pm ET)	BREAK ORAL RESEARCH POSTER SESSION 1B (AMSSM COLLABORATE) VIRTUAL EXHIBITS OPEN
3:00-5:00pm PT (6:00-8:00pm ET)	SESSION #6: FOOD IS MEDICINE Moderator: Selina Shah, MD, FAMSSM
3:00-3:05pm PT (6:00-6:05pm ET)	Introduction Selina Shah, MD, FAMSSM
3:05-3:30pm PT (6:05-6:30pm ET)	The Anti-Inflammatory Diet Demystified Featured Speaker: Terry Wahls, MD
3:30-3:55pm PT (6:30-6:55pm ET)	An Update on Ergogenic Aids and Supplements for Young Athletes and Patients Kevin M. Bernstein, MD, MMS
3:55-4:15pm PT (6:55-7:15pm ET)	The Plant-Based Athlete: Pros and Cons Featured Speaker: Roberta Anding, RD
4:15-4:45pm PT (7:15-7:45pm ET)	The Practical Application of Culinary Medicine for Athletes Featured Speaker: Sabrina Falquier, MD
4:45-5:00pm PT (7:45-8:00pm ET)	Questions and Answers
5:15-6:15pm PT (8:15-9:15pm ET)	AMSSM COMMITTEE MEETINGS #1 • Communications Casey G. Batten, MD, FAMSSM; Chairperson and Caitlyn Mooney, MD; Vice Chairperson • Fellowship Kenneth R. Mautner, MD, FAMSSM; Co-Chairperson and Jason L. Zaremski, MD; Co-Chairperson • Practice & Policy Cynthia R. LaBella, MD, FAMSSM; Chairperson and Sameer Dixit, MD, FAMSSM; Vice Chairperson • Publications Jason M. Matuszak, MD, FAMSSM; Chairperson and Lauren M. Simons, MD, MPH, FAMSSM; Vice Chairperson • Sports Ultrasound Mederic M. Hall, MD; Chairperson and Douglas Hoffman, MD; Vice Chairperson
5:40-7:00pm PT (8:40-10:00pm ET)	RESIDENT AND STUDENT BOOT CAMP (Residents & Students Only) Co-Chairs: Andrea Kussman, MD and Isaac P. Syrop, MD Faculty: Joshua T. Goldman, MD, MBA; Matthew S. Leiszler, MD; Emily M. Miller, MD; and David M. Siebert, MD
6:20-7:20pm PT (9:20-10:20pm ET)	AMSSM COMMITTEE MEETINGS #2 • Education Rebecca A. Myers, MD; Co-Chairperson and Anna L. Waterbrook, MD; Co-Chairperson • International/Inter-Organizational Relations . Carly Day, MD; Chairperson and Melissa Novak, DO; Vice Chairperson • Membership Nailah Coleman, MD; Chairperson and Shelley Street Callender, MD; Vice Chairperson • Research Joel S. Brenner, MD, MPH, FAMSSM; Co-Chairperson and Andrew Peterson, MD, MSPH, FAMSSM; Co-Chairperson

PROGRAM

FRIDAY, APRIL 16, 2021

6:15am - 7:15am	Virtual Yoga Monique Burton, MD
6:45-7:45am PT (9:45-10:45am ET)	ULTRASOUND PROCEDURAL SKILLS WORKSHOP (Pre-registration and separate fee required) Program Co-Chairs of Sports Ultrasound Courses: Douglas Hoffman, MD and Mederic M. Hall, MD Co-Leaders: Blake Boggess, DO and Douglas Hoffman, MD #3 Sports Trauma Ultrasound Jeremiah W. Ray, MD
7:00-7:45am PT (10:00-10:45am ET)	INSTRUCTIONAL COURSE LECTURES (registration not required, no fee) #6 Management of Acute Joint Dislocation in Sports Medicine Morteza Khodaei, MD, MPH, FAMSSM and Jack Spittler, MD #7 Throwing Athletes Gretchen D. Oliver, PhD, ATC, CES #8 Hamstring Rod Whiteley, PhD #9 W.i.L.L. – Women in Leadership Lead Kelsey Logan, MD, MPH, FAMSSM Panelists: Holly J. Benjamin, MD, FAMSSM; Alison Brooks, MD, MPH, FAMSSM; Carly Day, MD; Katherine L. Dec, MD, FAMSSM; Jennifer Scott Koontz, MD, MPH, FAMSSM; Kelsey Logan, MD, MPH, FAMSSM; Amy P. Powell, MD, FAMSSM; and Carlin Senter, MD, FAMSSM #10 Faculty Development: Effective Precepting – Make the Most of Your Clinic Teaching Rajat K. Jain, MD and Richard A. Okragly, MD, FAMSSM
7:00-7:50am PT (10:00-10:50am ET)	RISING WITH RESEARCH
8:00-8:05am PT (11:00-11:05am ET)	ANNOUNCEMENTS
8:05-10:05am PT (11:05am-1:05pm ET)	SESSION #7A-7F: CONCURRENT SESSIONS – CASE PRESENTATIONS
10:05-10:35am PT (1:05-1:35pm ET)	CASE POSTER SESSION 2A (AMSSM COLLABORATE) VIRTUAL EXHIBITS OPEN
10:40am-12:40pm PT (1:40-3:40pm ET)	SESSION #8A-8C: CONCURRENT SESSIONS – RESEARCH PRESENTATIONS
10:40-10:55am PT (1:40-1:55pm ET)	NATA EXCHANGE RESEARCH DISTINGUISHED SCHOLAR PRESENTATION Resolving the Neuroplasticity Associated with Anterior Cruciate Ligament Injury Featured Speaker: Dustin Grooms, PhD, ATC, CSCS
12:50-1:40pm PT (3:50-4:40pm ET)	LUNCH VIRTUAL EXHIBITS OPEN
12:50-1:40pm PT (3:50-4:40pm ET)	SPECIAL INTEREST GROUP BREAKOUTS • Emergency Medicine Christopher Guyer, MD • Internal Medicine Claudia Dal Molin, DO • Pediatrics Mark E. Halstead, MD, FAMSSM • PM&R Melody Hrubes, MD
1:45-3:35pm PT (4:45-6:35pm ET)	SESSION #9A-9B: CONCURRENT SESSIONS
1:45-3:35pm PT (4:45-6:35pm ET)	SESSION #9A: CONCURRENT SESSIONS – WHAT’S THE LATEST – RUNNING AND KNEES Moderator: Matthew Silvis, MD, FAMSSM
1:45-1:50pm PT (4:45-4:50pm ET)	Introduction Matthew Silvis, MD, FAMSSM
1:50-2:05pm PT (4:50-5:05pm ET)	How Do We Prevent and Reduce Risk of Injury in Runners? – The SAFER Project Featured Speaker: Martin Schwellnus, MBBCh, MSc(Med), MD
2:05-2:20pm PT (5:05-5:20pm ET)	Update on the Diagnosis, Treatment and Prevention of Common Running Injuries Michael Fredericson, MD

PROGRAM

FRIDAY, APRIL 16, 2021 *continued...*

2:20-2:35pm PT (5:20-5:35pm ET)	Can Fit and Form Coexist? A Look at the Biomechanics and Needs of Breast Support for Active Females..... <i>Bianca Edison, MD, MS</i>
2:35-2:50pm PT (5:35-5:50pm ET)	Osteochondritis Dissecans of the Knee: How Would You Manage This Case? Featured Speaker: <i>Nirav Pandya, MD</i>
2:50-3:05pm PT (5:50-6:05pm ET)	Meniscus Root Tears: Keys to Diagnosis and Treatment..... Featured Speaker: <i>Catherine Robertson, MD</i>
3:05-3:20pm PT (6:05-6:20pm ET)	Adjunctive Treatments for Bone Stress Injuries: A Case-Based Conversation <i>Marci Goolsby, MD, FAMSSM</i>
3:20-3:35pm PT (6:20-6:35pm ET)	Questions and Answers
1:45-3:35pm PT (4:45-6:35pm ET)	SESSION #9B: CONCURRENT SESSIONS – WHAT’S THE LATEST – HIP AND SPINE Moderator: <i>Cleo D. Stafford II, MD, MS</i>
1:45-1:50pm PT (4:45-4:50pm ET)	Introduction..... <i>Cleo D. Stafford II, MD, MS</i>
1:50-2:05pm PT (4:50-5:05pm ET)	Beyond Bursitis: Optimizing Your Physical Exam of Patients with Posterior Lateral Hip Pain..... Featured Speaker: <i>Alison Grimaldi, PhD, BPhy, MPhty(Sports)</i>
2:05-2:20pm PT (5:05-5:20pm ET)	FAI: Sensitivity and Specificity of Physical Exam Maneuvers, Imaging, Surgical Indications and Expected Outcomes Featured Speaker: <i>Alan Zhang, MD</i>
2:20-2:35pm PT (5:20-5:35pm ET)	APTA/AASPT EXCHANGE LECTURE: What’s the Evidence for Exercise Therapy for Femoroacetabular Impingement of the Hip?..... Featured Speaker: <i>Michael P. Reiman, PT, DPT, PhD, OCS, SCS, ATC/L, FAAOMPT, CSCS</i>
2:35-2:50pm PT (5:35-5:50pm ET)	AAPMR EXCHANGE LECTURE: Hip Pain vs. Pelvic Pain: Case-Based Discussion..... Featured Speaker: <i>Sheila Dugan, MD</i>
2:50-3:05pm PT (5:50-6:05pm ET)	Current Controversies in Managing Spondylolysis <i>Anastasia Noel Fischer, MD</i>
3:05-3:20pm PT (6:05-6:20pm ET)	Consensus Recommendations on the Prehospital Care of the Injured Athlete with a Suspected Catastrophic Cervical Spine Injury <i>Margot Putukian, MD, FAMSSM</i>
3:20-3:35pm PT (6:20-6:35pm)	Questions and Answers
3:40-4:10pm PT (6:40-7:10pm ET)	BREAK CASE POSTER SESSION 2B (AMSSM COLLABORATE) VIRTUAL EXHIBITS OPEN
4:15-5:50pm PT (7:15-8:50pm ET)	SESSION #10A-10B: CONCURRENT SESSIONS
4:15-5:50pm PT (7:15-7:50pm ET)	SESSION #10A: CONCURRENT SESSIONS – WHAT’S NEW IN OSTEOARTHRITIS Moderator: <i>Jillian E. Sylvester, MD</i>
4:15-4:20pm PT (7:15-7:20pm ET)	Introduction..... <i>Jillian E. Sylvester, MD</i>
4:20-4:35pm PT (7:20-7:35pm ET)	Osteoarthritis as a Whole Joint Disease: The Latest on OA Pathophysiology and Disease States..... <i>L. Tyler Wadsworth, MD, FAMSSM</i>
4:35-4:55pm PT (7:35-7:55pm ET)	CRN Spotlight: Radiofrequency Ablation and Cryoneurolysis: Review of Non-Surgical Procedures for Knee Osteoarthritis <i>Katherine H. Rizzone, MD, MPH</i>
4:55-5:15pm PT (7:55-8:15pm ET)	Osteoarthritis as a Whole-Body Condition: The Critical Non-Procedural Approaches to Management <i>Prakash Jayabalan, MD, PhD</i>

PROGRAM

FRIDAY, APRIL 16, 2021 *continued...*

5:15-5:35pm PT (8:15-8:35pm ET)	Are You Sure That's OA? Common Mimickers of Osteoarthritis Featured Speaker: Tuhina Neogi, MD
5:35-5:50pm PT (8:35-8:50pm ET)	Questions and Answers
4:15-5:50pm PT (7:15-8:50pm ET)	SESSION #10B: CONCURRENT SESSIONS – WHAT'S THE LATEST – ESSENTIAL MEDICAL KNOWLEDGE FOR THE TEAM PHYSICIAN IN 2021..... Moderator: Melissa Novak, DO
4:15-4:20pm PT (7:15-7:20pm ET)	Introduction..... Melissa Novak, DO
4:20-4:35pm PT (7:20-7:35pm ET)	e-Cigarette Use: A Public Health Crisis and What You Need to Know to Help Steven Cuff, MD, FAMSSM
4:35-4:55pm PT (7:35-7:55pm ET)	AAP EXCHANGE LECTURE: Care of the Transgender Student Athlete..... Featured Speaker: David Inwards-Breland, MD
4:55-5:15pm PT (7:55-8:15pm ET)	Keys to Managing Type 1 Diabetes in Athletes Valerie Cothran, MD
5:15-5:35pm PT (8:15-8:35pm ET)	How Does the Menstrual Cycle Affect Exercise Performance? Kathryn Ackerman, MD, MPH
5:35-5:50pm PT (8:35-8:50pm ET)	Questions and Answers
5:55-6:55pm PT (8:35-8:50pm ET)	SPECIAL INTEREST GROUP BREAKOUTS
	• Collegiate/NCAA Moderator: Sourav Poddar, MD, FAMSSM Panelists: Stephanie Chu, DO, FAMSSM; Brian Hainline, MD; John T. Parson, PhD, ATC; and Mark Stovak, MD, FAMSSM
	• Olympic/Paralympic (USOPC) Brett G. Toresdahl, MD
	• Professional..... Mark W. Niedfeldt, MD, FAMSSM

SATURDAY, APRIL 17, 2020

All of the educational sessions except the Fellowship Fair and the Exercise sessions have been moved back one hour.

6:15-7:15am PT (9:15-10:15am ET)	EXERCISE! Monique Burton, MD Jordan D. Metz, MD
7:00-8:45am PT (10:00-11:45am ET)	FELLOWSHIP FAIR (Single Extended Session on Eventmobi Annual Meeting App/Virtual Platform)
8:00-8:45am PT (11:00-11:45am ET)	INSTRUCTIONAL COURSE LECTURES (<i>registration not required, no fee</i>)
	#11 Title IX, Gender Equity and Athletics: What the Sports Medicine Physician Needs to Know Janet P. Judge, Esq.
	#12 Transgender Athletes Kathryn Ackerman, MD, MPH and Luci Olewinski, MD
	#13 Rock Climbing Sports Medicine Julia L. Iafrate, DO; Ereik William Latzka, MD; Christopher McMullen, MD; and Ziva Petrin, MD
	#14 Faculty Development: QI in Sports Medicine – How Do We Integrate Improvement into Our Process? Sam Hwu, MD and Velyn Wu, MD
8:00-8:50am PT (11:00-11:50am ET)	RISING WITH RESEARCH
8:15-8:45am PT (11:15-11:45am ET)	CASE POSTER SESSION 3A (AMSSM Collaborate)
8:50-8:55am PT (11:50-11:55am ET)	ANNOUNCEMENTS
8:55-10:40am PT (11:55am-1:40pm ET)	SESSION #11: WHAT'S THE LATEST – CARDIOLOGY AND CONCUSSION ... Moderator: Yvonne C. Chow, MD, MSMS

PROGRAM

SATURDAY, APRIL 17, 2021 *continued...*

8:55-9:00am PT (11:55am-12:00pm ET)	Introduction..... <i>Yvonne C. Chow, MD, MSMS</i>
9:00-9:15am PT (12:00-12:15pm ET)	INTERNATIONAL VISITING FELLOW LECTURE: Implementing Concussion Education Strategies in the Real World Featured Speaker: <i>Mark Fulcher, MBChB, MMedSci, FACSEP</i>
9:15-9:30am PT (12:15-12:30pm ET)	What's New in Sports Concussion Research..... <i>Christina L. Master, MD</i>
9:30-9:45am PT (12:30-12:45pm ET)	CRN Spotlight: How Early Is It Safe to Exercise Post-Concussion? <i>John J. Leddy, MD</i>
9:45-10:00am PT (12:45-1:00pm ET)	Hypertension in Athletes: Updates, Guidelines, Management – Case-Based Discussion..... <i>Nancy J. Gritter, MD</i>
10:00-10:15am PT (1:00-1:15pm ET)	CRN Spotlight: Cardiac Implications in Athletes with a History of COVID-19..... <i>Jonathan Drezner, MD, FAMSSM</i>
10:15-10:25am PT (1:15-1:25pm ET)	The Big Ten Cardiac Registry: Reasons, Results and Future Directions..... <i>Sami F. Rifat, MD</i>
10:25-10:40am PT (1:25-1:40pm ET)	Questions and Answers
10:40-11:10am PT (1:40-2:10pm ET)	CASE POSTER SESSION 3B (AMSSM COLLABORATE)
11:15am-12:40pm PT (2:15-3:40pm ET)	SESSION #12: BUILDING SKILLS TO PREVENT SEXUAL VIOLENCE IN SPORT Moderator: <i>Shelley Street Callender, MD</i>
11:15-11:20am PT (2:15-2:20pm ET)	Introduction..... <i>Shelley Street Callender, MD</i>
11:20-11:40am PT (2:20-2:40pm ET)	HOUGH MEMORIAL LECTURE: What Essential Tools Are Needed to Become the Optimal Team Physician? Featured Speaker: <i>Cindy J. Chang, MD, FAMSSM</i>
11:40-11:55am PT (2:40-2:55pm ET)	AMSSM Position Statement: Sexual Violence in Sport <i>Jennifer Scott Koontz, MD, MPH, FAMSSM</i>
11:55am-12:10pm PT (2:55-3:10pm ET)	Summit on Sexual Violence in Sport: Action Plans for Sports Medicine Physicians..... <i>Elizabeth A. Joy, MD, MPH, FAMSSM</i>
12:10-12:30pm PT (3:10-3:30pm ET)	Addressing Sexual Misconduct in Sport: The Legal Landscape for Sports Medicine Providers..... Featured Speaker: <i>Janet P. Judge, Esq.</i>
12:30-12:45pm PT (3:30-3:45pm ET)	Questions and Answers
12:55-1:45pm PT (3:55-4:45pm ET)	LUNCH
12:55-1:45pm PT (3:55-4:45pm ET)	TEAM PHYSICIAN BREAKOUT SESSION: HIGH SCHOOL Moderator: <i>Verle Valentine, MD, FAMSSM</i> Panelists: <i>Bob Colgate; Alex B. Diamond, DO, MPH, FAMSSM; Michael C. Koester, MD; and Neha Parikh Raukar, MD, MS</i>
1:50-2:55pm PT (4:50-5:55pm ET)	SESSION #13: STATE OF THE UNION FOR AMSSM PRESIDENTIAL ADDRESS AWARDS (All members encouraged to attend)
2:55-3:10pm PT (5:55-6:10pm ET)	2019 Traveling Fellows Update – Japan Junior Fellows: <i>Aaron D. Gray, MD; Kentaro Onishi, DO; and M. Kyle Smoot, MD</i>
3:10-3:20pm PT (6:10-6:20pm ET)	Global Humanitarian Grant Report to AMSSM – Nepal <i>Douglas McKeag, MD, MS, FAMSSM and Ian McKeag, MD, MS</i>

PROGRAM

3:20-3:50pm PT (6:20-6:50pm ET)	BREAK
4:00-5:35pm PT (7:00-8:35pm ET)	SESSION #14: RIDING THE WAVES OF CHANGE – PRACTICE AND POLICY Moderator: Cynthia R. LaBella, MD, FAMSSM
4:00-4:05pm PT (7:00-7:05pm ET)	Introduction Cynthia R. LaBella, MD, FAMSSM
4:05-4:20pm PT (7:05-7:20pm ET)	How to Craft Policy to Advance Sports Medicine Access and Care for Everybody..... Brian Williams
4:20-5:05pm PT (7:20-8:05pm ET)	How Have We Returned to Sport? Key Sports Medicine Policies in the COVID-19 Era • Professional..... John P. DiFiori, MD, FAMSSM and Luis A. Rodriguez, MD, FAMSSM • NCAA..... Stephanie Chu, DO and Brian Hainline, MD • High School Neha Parikh Raukar, MD, MS • Mass Events Poonam P. Thaker, MD, FAMSSM
5:05-5:20pm PT (8:05-8:20pm ET)	Keys to Sports Medicine Outpatient Visits in the COVID-19 Era Michael Swartzon, MD
5:20-5:35pm PT (8:20-8:35pm ET)	Questions and Answers

SUNDAY, APRIL 18, 2021

7:00-7:45am PT (10:00-10:45am ET)	INSTRUCTIONAL COURSE LECTURES (<i>registration not required, no fee</i>) #16 Dry Needling and Trigger Point Injections: How Therapeutic Needling Will Transform Your MSK Care..... Navid Mahooti, MD, MPH #17 Diagnosis and Management of Sport-Related Concussion: An Active Approach..... Matthew Grady, MD, FAMSSM; John J. Leddy, MD; and Christina L. Master, MD #18 Yes – You Can Build Your Own Fitness Community Jordan D. Metzl, MD #19 OMT for MDs: Integrating an Osteopathic Curriculum into a Sports Medicine Fellowship Michael A. Jonesco, DO #20 Faculty Development: Building an Exercise is Medicine Curriculum..... Irfan M. Asif, MD; Stephen M. Carek, MD; Christopher M. Miles, MD, FAMSSM and Melissa Novak, DO
7:00-7:50am PT (10:00-10:50am ET)	RISING WITH RESEARCH
8:00-8:05am PT (11:00-11:05am ET)	ANNOUNCEMENTS
8:05-9:35am PT (11:05am-12:35pm ET)	SESSION #15: LESSONS LEARNED: REFLECTIONS ON THE PANDEMIC FROM A PERSONAL, PROFESSIONAL AND LEADERSHIP PERSPECTIVE Moderator: Will Denq, MD
8:05-8:10am PT (11:05-11:10am ET)	Introduction Will Denq, MD
8:10-8:25am PT (11:10-11:25am ET)	The Frontline: A Story of Resiliency Benjamin L. Oshlag, MD, MS
8:25-8:40am PT (11:25-11:40am ET)	Which Way Should We Go? Leading During the Time of COVID..... Nailah Coleman, MD
8:40-8:55am PT (11:40-11:55am ET)	The Pandemic Effect: Gender Equity in Medicine..... Kelsey Logan, MD, MPH, FAMSSM
8:55-9:10am PT (11:55am-12:10pm ET)	Community Matters: A Crisis in the Making Alex B. Diamond, DO, MPH, FAMSSM
9:10-9:20am PT (12:10-12:20pm ET)	A Peek into the Future of Sports Medicine..... Amy P. Powell, MD, FAMSSM

PROGRAM

SUNDAY, APRIL 18, 2021 *continued...*

9:20-9:35am PT (12:20-12:35pm ET)	Questions and Answers
9:35-9:45am PT (12:35-12:45pm ET)	BREAK
9:45-11:40am PT (12:45-2:40pm ET)	SESSION #16: SPORTS MEDICINE MASQUERADERS <i>Moderator: Kristina M. Wilson, MD, MPH, FAMSSM</i>
9:45-9:55am PT (12:45-12:55pm ET)	Introduction <i>Kristina M. Wilson, MD, MPH, FAMSSM</i>
9:55-10:05am PT (12:55-1:05pm ET)	When Albuterol Doesn't Come to the Rescue <i>Andrew Getzin, MD</i>
10:05-10:15am PT (1:05-1:15pm ET)	Not Your Typical Cramps <i>Jillian E. Sylvester, MD</i>
10:15-10:25am PT (1:15-1:25pm ET)	The Nervous Shoulder <i>Jacob L. Sellon, MD</i>
10:25-10:35am PT (1:25-1:35pm ET)	Beyond the UCL and Tendonitis in the Elbow <i>Kaila A. Holtz, MD, MSc, FRCPC</i>
10:35-10:45am PT (1:35-1:45pm ET)	Neurological Challenges <i>John W. Lax, MD</i>
10:45-10:55am PT (1:45-1:55pm ET)	When Knee Pain Isn't Really Knee Pain in Pediatrics <i>Julie C. Wilson, MD</i>
10:55-11:05am PT (1:55-2:05pm ET)	When Knee Pain Isn't Really Knee Pain in Adults <i>Daniel C. Herman, MD, PhD</i>
11:05-11:15am PT (2:05-2:15pm ET)	All Foot Pain is Not Plantar Fascitis <i>Kevin R. Vincent, MD, PhD</i>
11:15-11:25am PT (2:15-2:25pm ET)	When Fatigue is More Than Overtraining <i>Suzanne Hecht, MD, FAMSSM</i>
11:25-11:40am (2:25-2:40pm ET)	Questions and Answers
12:00-1:00pm PT (3:00-4:00pm ET)	DIVERSITY SPECIAL INTEREST GROUP BREAKOUT <i>Shelley Street Callender, MD</i> <i>Nailah Coleman, MD</i>
1:00pm PT (4:00pm ET)	ADJOURN

FEATURED SPEAKERS

PRESIDENTIAL KEYNOTE



Billy Mills

Born and raised on the Pine Ridge Indian Reservation in South Dakota, he was orphaned by the age of 12 and sent to boarding schools. Pine Ridge is rich in culture and spirit; it is continually recognized economically as one of the poorest communities in America with unemployment reaching 80%. During high school, he became involved in distance running and earned an athletic scholarship to the University of Kansas. While he never won a major race in track and field, he continued to show promise by making NCAA Division I cross country All-American three times. After graduating from KU, he was commissioned an officer in the United States Marine Corps., and continued training for the Olympic Team. He made the Olympic Team in two events, the marathon and the 10,000 meter run. He trained his body, mind and soul for “Peak Performance.” And the world witnessed the Greatest upset in Olympic history unfold. Today, Billy Mills is an accomplished businessman, author and National Spokesperson for Running Strong for American Indian Youth an organization he co-founded in 1986. Through Running Strong, Billy has spent 35 years lifting other young men and women toward their aspirations and has championed wellness and unlocked opportunities in Native American communities across America. Honored for his achievements he has received numerous awards of high distinction including the Lifetime Achievement Award by the President’s Council on Physical Fitness, Sports and Nutrition and he was inducted into the inaugural class of Native American Hall of Fame.

HOUGH MEMORIAL LECTURE KEYNOTE SPEAKER



Cindy J. Chang, MD, FAMSSM

Dr. Chang is a Clinical Professor and Fellowship Program Director, Primary Care Sports Medicine in the Departments of Orthopaedic Surgery and Family & Community Medicine at the University of California – San Francisco. She attended The Ohio State University for undergraduate and medical school, UCLA for Family medicine residency and Ohio State University for her sports medicine fellowship. Dr. Chang stayed at Ohio State University as Assistant Residency Director and Team Physician until becoming Head Team Physician for University of California – Berkeley (Cal). She served as USA Chief Medical Officer at the 2008 Beijing Paralympics and 2012 London Olympics, and worked as the WNBA “Wubble” team physician in July 2020. Dr. Chang also served as AMSSM President (2011-2012).

FEATURED INTERNATIONAL SPEAKERS



Mats Börjesson, MD, MD; FESC, FACC

Dr. Börjesson is Professor and Head of Center for Health and Performance (CHP) at the Sahlgrenska Academy at the University of Gothenburg and Sahlgrenska University Hospital in Gothenburg, Sweden. He also serves as Chairman, Section of Sports Cardiology for the European Society of Cardiology (2008-10), Chairman of the Swedish Society of Exercise and Sports Medicine (2013-15) and Chairman of the Swedish Society of Cardiology (2016-18). Dr. Börjesson is team doctor for the Swedish women’s soccer national team since 2009 (8 WC, EC, Olympics) and for the Ivory Coast men’s team (WC 2010). He has published over 200 peer-reviewed scientific papers and authored over 80 book chapters/books.



Mark L. Fulcher, MBChB, MMedSci

Dr. Fulcher is a Sport and Exercise Physician based in Auckland, New Zealand. He is the current Vice President of the Australasian College of Sport and Exercise Physicians, is a member of the FIFA Medical Committee and is the Editor of the FIFA Football Medicine Diploma. Dr. Fulcher works with athletes from a variety of sports. Dr. Fulcher is the Medical Director at New Zealand Football and has been team doctor for both the men’s and women’s national teams. He has travelled to three Olympic games’ and attended the FIFA World Cup in 2018. Dr. Fulcher is also a physician for the New Zealand Breakers in the Australian National Basketball League and works with the New Zealand Warriors Rugby League team. He was formerly the Medical Director of the ITU World Championship Triathlon event held in Auckland, Medical Director at Netball New Zealand and lead Tournament Physician at the ASB Classic Men’s (ATP) and Women’s (WTA) Tennis Tournaments. Dr. Fulcher continues to be involved with Sports Medicine education contributing regularly as a guest speaker/lecturer at universities and sports medicine meetings around the world. He has a particular interest in injury prevention and in sport-related concussion.

FEATURED SPEAKERS

FEATURED INTERNATIONAL SPEAKERS *continued...*



Alison Grimaldi, PhD, BPhy, MPhty(Sports).

Dr. Grimaldi is an Australian Sports Physiotherapist, Adjunct Senior Research Fellow at the University of Queensland and practice principal of Physiotec Physiotherapy in Brisbane. She has 30 years of clinical experience and a special interest in the management of hip, groin and pelvic pain. Alison has published over 30 peer-reviewed papers, contributed to three leading texts, conducted over 100 clinical workshops and presented over 50 keynote, invited or podium conference presentations.



Martin Schwellnus, MBBCh, MSc(Med), MD

Dr. Schwellnus is a Professor in Sport and Exercise Medicine at the Faculty of Health Sciences and also serves as Director of the newly established Sport, Exercise Medicine and Lifestyle Institute (SEMLI) at the University of Pretoria in South Africa and is internationally regarded as one of the academic leaders in the field of sport and exercise medicine. He is a visiting Chair in Sport and Exercise Medicine at the ISEH as part of University College London (UCL), Division of Surgery and Interventional Science. Professor Schwellnus is interested in the health benefits of regular exercise and prescribing safe exercise to all populations to reduce the global burden of non-communicable disease (NCD), the prevention and management of injuries in active individuals and the protection of the health of athletes. He has published more than 300 scientific journal articles.



Rod Whiteley, PhD

Dr. Whiteley is a Specialist Sports Physiotherapist, who was awarded a fellowship in the first cohort in Australia. He subsequently spent time on the College of Sports Physiotherapy's Board as Chief Examiner and has worked with a number of professional and international teams and individuals in Rugby League, Rugby Union, Baseball, Football, Squash, and Athletics.

FEATURED NATIONAL SPEAKERS



Roberta Anding, RD

Roberta Anding is the clinical and sports dietitian for the Baylor College of Medicine Corporate Programs team. She is an Assistant Professor in the Baylor College of Medicine Department of Orthopedic Surgery. Roberta is on faculty at Rice University where she serves as the Sports Dietitian for the Rice Owls. She is the former sports dietitian for the 2017 World Champion Houston Astros, Houston Texans NFL franchise and the Houston Ballet.

Roberta has been honored with the SCAN (Sports, Cardiovascular and Wellness Nutrition Dietetic Practice group) Achievement Award in 2011. She received the Texas Distinguished Dietitian Award in 2008, and the Texas Dietetic Association Media Award in 2006. For the past nine years, Roberta was Academy of Nutrition and Dietetics Media Spokesperson for Houston and remains active in the Houston and national media.



Lori Rose Benson

With over 25 years' experience in public health and education, Lori Rose Benson is the CEO of Hip Hop Public Health (HHPH), an internationally recognized 501c3 that harnesses the transformative power of music, art and science to improve health literacy, inspire behavior change and promote health equity. Lori's experience in developing and scaling innovative health and fitness initiatives is precisely aligned with HHPH's vision to empower youth around the globe with the knowledge and skills to make healthier choices, reducing preventable health conditions.



Ruth Chimenti, PT, PhD

Dr. Chimenti is an Assistant Professor in the Department of Physical Therapy and Rehabilitation Science at the University of Iowa. She received her clinical degree from Washington University in St. Louis and her PhD from the University of Rochester in New York. Her long-term goal is to improve care for chronic musculoskeletal pain conditions by evaluating and treating both peripheral (3D motion analysis, imaging) and central (sensory testing, psychosocial questionnaires) factors contributing to pain.

FEATURED SPEAKERS

FEATURED NATIONAL SPEAKERS *continued...*



Sabrina A. Falquier, MD

Dr. Falquier (Fall-Key-A) is a multilingual and multicultural internal medicine and culinary medicine physician. She has been with Sharp Rees-Stealy Medical Group since 2005 and founded Sensations Salud, LLC which focuses on empowering through nutritional knowledge and culinary literacy. Dr. Falquier promotes culinary medicine in a variety of ways including: lectures, expert panels, cooking demonstrations, recipe development and hands-on cooking events. She has been interviewed regarding food and health by multiple media outlets including *The Washington Post* and *The Union Tribune*.



Janet P. Judge, Esq.

Janet P. Judge, nationally recognized collegiate sports law attorney is a litigation partner with Holland & Knight in Boston, Massachusetts. With over 30 years of experience in higher education and intercollegiate sports, she works with college and university Presidents, general counsel and athletic administrators to assess, reduce and remedy areas of risk in athletic programs. She is well known for working with schools and conferences to develop and implement effective preventative strategies with regard to sexual misconduct, hazing, academic fraud, climate, discipline and employment issues. In addition to her law practice, she serves on the NCAA Commission to Combat Campus Sexual Violence, the Boards of HazingPrevention.Org and USA Ultimate, and is a coauthor of the NCAA Manual on Gender Equality. She also frequently speaks about current sports and sexual misconduct issues at national higher education conferences and has authored several articles on collegiate compliance. In 2017, she received the Shape America's Guiding Woman in Sport award in recognition of her extraordinary service and leadership in female sports.



NiCole Keith, PhD

Dr. Keith is a Research Scientist at Indiana University Center for Aging Research at Regenstrief Institute, Professor of Kinesiology and Associate Dean of Faculty Affairs at Indiana University – Purdue University Indianapolis, School of Health and Human Sciences. She is the 2020-2021 American College of Sports Medicine (ACSM) President, serves on ACSM's Exercise is Medicine and American Fitness Index Advisory Boards and several national committees. Dr. Keith's research examines healthy aging, physical activity, fitness and health outcomes.



Emily Kroshus, ScD, MPH

Dr. Kroshus is an Associate Professor at University of Washington in the Departments of Pediatrics and Health Services. She completed her doctoral training in Public Health with a concentration in Social and Behavioral Sciences. Her research is broadly oriented at identifying and addressing interpersonal, organizational and contextual determinants of evidence-based health promotion and risk mitigation practices in youth and collegiate sport settings. Key topical areas of focus include concussion, mental health and sexual violence.



Zubin Master, PhD

Dr. Master is an Associate Professor at Mayo Clinic's Biomedical Ethics Research Program and the Center for Regenerative Medicine. Previously, he was an Associate Professor at Albany Medical College and a Senior Policy Advisor at Health Canada. He completed his PhD in biomedicine at the University of Toronto and post-doctoral fellowships in bioethics and health policy at Dalhousie University and the University of British Columbia. Dr. Master serves on several scientific committees and editorial boards. His research examines ethical and policy issues related to stem cells and regenerative medicine, genetics and research ethics.



Tuhina Neogi, MD

Dr. Neogi is Chief of Rheumatology and Professor of Medicine and of Epidemiology at Boston University, School of Medicine and Boston Medical Center. She is a leader in osteoarthritis and gout research. Her work was recognized with the 2014 American College of Rheumatology Henry Kunkel Young Investigator Award for outstanding and promising independent contributions to rheumatology research. Dr. Neogi has led the most recent national American College of Rheumatology Treatment Guidelines for gout and osteoarthritis.

FEATURED SPEAKERS

FEATURED NATIONAL SPEAKERS *continued...*



Nirav Pandya, MD

Dr. Pandya is a pediatric orthopedic surgeon and within the University of California – San Francisco UCSF), Department of Orthopaedic Surgery, is Section Chief of the Division of Pediatric Orthopaedics and Director of Pediatric Sports Medicine. He joined the UCSF Department of Orthopaedic Surgery in 2012. His areas of interest include sports medicine, arthroscopy, ligament reconstruction, cartilage restoration and sports specialization.



Katrina L. Piercy, PhD, RD, ACSM-CEP

Dr. Piercy is a Physical Activity and Nutrition Advisor in the Office of Disease Prevention and Health Promotion (ODPHP) in the U.S. Department of Health and Human Services (HHS) and serves as a dietitian officer in the U.S. Public Health Service Commissioned Corps. Dr. Piercy manages the physical activity portfolio within ODPHP, including the development and implementation of the *National Youth Sports Strategy* and the *Physical Activity Guidelines for Americans*.



Catherine Robertson, MD

Dr. Robertson is Chief of Sports Medicine at UC San Diego Health. She is a board-certified orthopedic surgeon who specializes in treating injuries of the shoulder, knee and hip. will further enhance UC San Diego Health's reputation for customizing innovative, evidenced-based care for all athletes — from the weekend warrior to elite, professional and Olympic athletes. Dr. Robertson is known for using minimally invasive techniques to treat complex ligament, tendon, cartilage and meniscus injuries and restore joint function.



Olajide Williams, MD

Dr. Olajide Williams is the Founder of Hip Hop Public Health. He currently serves as Chief of Staff of Neurology, Director of Acute Stroke Services and Associate Professor of Neurology at Columbia University. Dr Williams is a highly regarded NIH researcher and expert in community-based health education interventions targeting economically disadvantaged minorities. He is the author of numerous scholarly peer reviewed publications. Dr Williams has received numerous national awards for his work including congressional citations and state proclamations.



Terry Wahls, MD

Dr. Wahls is a Clinical Professor at the University of Iowa where she conducts clinical trials testing the efficacy of therapeutic lifestyle to treat multiple sclerosis related symptoms. In addition, she is the author of *The Wahls Protocol: How I Beat Progressive MS Using Paleo Principles and Functional Medicine* and the cookbook, *The Wahls Protocol Cooking for Life: The Revolutionary Modern Paleo Plan to Treat All Chronic Autoimmune Conditions*.



Alan Zhang, MD

Dr. Zhang is a board-certified orthopaedic surgeon specializing in sports medicine and minimally-invasive arthroscopic surgery of the hip, knee and shoulder. He is the Director of the University of California – San Francisco (UCSF) Sports Medicine and Shoulder Fellowship and the Director of the UCSF Hip Preservation Center. Dr. Zhang is a team physician for the University of San Francisco and has received numerous research grants and awards while publishing over 100 peer-reviewed articles on orthopaedic sports medicine injuries and treatments.

FEATURED SPEAKERS

EXCHANGE LECTURE SPEAKERS



Sheila A. Dugan, MD (AAPMR)

Dr. Dugan is Professor and Interim Chair of the Department of Physical Medicine and Rehabilitation at Rush University Medical Center. She teaches medical students in musculoskeletal and pelvic health and mentors capstone projects. Dr. Dugan is a Co-Founder of the Rush Program for Abdominal and Pelvic Health. She has published numerous book chapters and articles as well as lectures nationally. Prior to medical school, she was a physical therapist in both orthopedic and neurological rehabilitation.



Dustin Grooms, PhD, ATC, CSCS (NATA)

Dr. Grooms is an Associate Professor of Clinical Neuroscience and Orthopedics at Ohio University. He received his doctorate from Ohio State with a focus on neuromechanics. Before doctoral studies, he was an athletic trainer at the College of Mount Saint Joseph, completed a master's degree from the University of Virginia, and bachelor's degree from Northern Kentucky University. His research interest is how the brain and movement mechanics change after injury and therapy.



David J. Inwards-Breland, MD, MPH (AAP)

Dr. Inwards-Breland is Division Chief of the Adolescent Medicine Division at Rady Children's Hospital; Co-Director of the Center for Gender Affirming Care and Clinical Professor of Pediatrics at University of California – San Diego, School of Medicine. He attended the University of California – Berkeley, School of Public Health and received his Master of Public Health and he went on to receive his medical degree from University of California – Davis, School of Medicine. Dr. Inwards-Breland did his pediatric residency at University of California – San Francisco Benioff, East Bay, California. After completing his National Health Service Corps obligation in Albany, Georgia, he returned to California and worked as an attending at the University of California – San Francisco Benioff, East Bay, mainly working in the teen clinic. After 6 years of working as a general pediatrician, he then decided to enter into a fellowship at University of California – San Francisco Benioff San Francisco in Adolescent Medicine. Dr. Inwards-Breland's research interests include adolescent male health, depression, Transgender/Non-binary youth and disenfranchised youth. He now sits on the American Board of Pediatrics, Sub-board on Adolescent Medicine.



Gretchen D. Oliver, PhD, ATC, CES (ACSM)

Dr. Oliver is a full Professor in the School of Kinesiology at Auburn University. She is a Fellow of the American College of Sports Medicine, a Certified Athletic Trainer and a Corrective Exercise Specialist. Her primary research focus is on injury prevention and performance enhancement in youth baseball and softball athletes. Among her peers, both nationally and internationally, she is known as the expert in the biomechanics of windmill softball pitching.



Michael P. Reiman, PT, DPT, PhD, OCS, SCS, ATC/L, FAAOMPT, CSCS (APTA/AAASPT)

Dr. Reiman is an active clinical researcher, educator and mentor. In addition to his certifications as an athletic trainer and strength and conditioning specialist, he is a manual therapy fellow through the American Academy of Orthopaedic and Manual Physical Therapists, a USA Weightlifting level 1 coach, and a USA Track and Field level 1 coach. Dr. Reiman has co-written the only textbook on functional testing, Functional Testing in Human Performance. He has written eight book chapters on orthopedic examination/intervention and training for strength, power, and endurance. His current research and presentation interests focus on performance enhancement, low back/hip pain, and evidence-based examination/intervention of the hip joint.



Anthony Romeo, MD (AOSSM)

Dr. Romeo is one of the nation's leading orthopaedic surgeons specializing in the management and surgical treatment of shoulder and elbow conditions. His state-of-the-art practice employs minimally-invasive arthroscopic techniques to accelerate the recovery process for a range of challenging conditions. Dr. Anthony Romeo has designed and developed an advanced shoulder replacement system for the treatment of arthritis. He lectures and teaches these advanced surgical techniques to surgeons all over the United States and the World. Lifelong interests in science and sports have led Dr. Anthony Romeo to the use of the most advanced methods to restore the function of injured or arthritic shoulders and elbows.

FEATURED SPEAKERS

EXCHANGE LECTURE SPEAKERS *continued...*



Humberto Gerardo (Tito) Rosas, MD (AIUM)

Dr. Rosas is an Associate Professor in the University of Wisconsin, Department of Radiology, School of Medicine and Public Health in Madison, Wisconsin and he is also the Director of the Musculoskeletal Intervention at UW Hospital. Dr. Rosas is fellowship trained in musculoskeletal radiology and is board certified in Diagnostic Radiology. His expertise is in musculoskeletal procedures and his special interests include spine injections, vertebroplasty, and tumor ablation, as well as MR of wrist injuries. Dr. Rosas also serves as the Chair for the Musculoskeletal Ultrasound Community for the American Institute for Ultrasound in Medicine (AIUM).



Jane S. Thornton, MD, PhD, CCFP(SEM), Dip Sp Phy OLY (CASEM)

Dr. Thornton is a Canadian Clinician Scientist specializing in female athlete health and physical activity in the prevention and treatment of chronic disease. She is a sport medicine physician, a member of the Board of Director of the Canadian Academy of Sport and Exercise Medicine (CASEM) and Editor of the *British Journal of Sports Medicine (BJSM)*. Dr. Thornton represented Canada for over a decade in the sport of rowing, becoming both a World Champion and Olympian.

CONFIRMED COURSE FACULTY

GUEST SPEAKERS

Eileen Anthony, MJ; Executive Director, ACGME Review Committee for Family Medicine, Chicago, Illinois

Fiona Bull, MBE, PhD, MSc; Unit Head, Physical Activity, World Health Organization (WHO), HQ, Geneva, Switzerland

Steven L. Cole, MEd, LAT, ATC; President, Mid-Atlantic Athletic Trainers' Association; Private Practice, Cole Consulting Services, Inc., Williamsburg, Virginia

Bob Colgate; Director of Sports and Sports Medicine, National Federation of State High School Associations (NFHS), Indianapolis, Indiana

Jason L. Dragoo, MD; Professor and Vice Chair, Endowed Chair of Regenerative Medicine; Director, UHealth Steadman Hawkins Inverness Center, University of Colorado; Head Team Physician, Denver Nuggets, Denver, Colorado

Grant S. Hoekzema, MD; Chair, ACGME Review Committee for Family Medicine; Mercy Family Medicine Residency Program; Chairman, Department of Family Medicine, Mercy Hospital, St. Louis, Missouri

Lisa Howley, PhD, MEd (AAMC); Senior Director of Strategic Initiatives and Partnerships in Medical Education, Association of American Medical Colleges (AAMC), Minneapolis, Minnesota

Andrew Ittleman; Owner, Partner, Fuerst Ittleman David & Joseph, Miami, Florida

Jonathan Kaltman, MD; Supervisory Physician, National Heart, Lung and Blood Institute (NHLBI), National Institutes of Health (NIH), Bethesda, Maryland

Micheael C. Koester, MD; Slocum Orthopedics and Sports Medicine, Eugene, Oregon

Willem (Winne) Meeuwisse, MD, MPE, PhD, CCFP(SEM), Dip Sport Med; Sports Medicine Physician; Chief Medical Officer, National Hockey League; Expert Member, Medical and Scientific Group of the International Olympic Committee (IOC) Medical Commission

Sunny Nakae, MSW, PhD; Senior Associate Dean, Equity, Inclusion, Diversity and Partnership; Associate Professor of Medical Education, California University of Science and Medicine, Colton, California

Warren P. Newton, MD, MPH; President and CEO, American Board of Family Medicine, Lexington, Kentucky

John T. Parsons, PhD, ATC; Managing Director, NCAA Sport Science Institute, Indianapolis, Indiana

Dermot Phelan, MD PhD; Director of Sports Cardiology; Co-Director, Hypertrophic Cardiomyopathy Center, Atrium Health Sanger Heart & Vascular Institute, Charlotte, North Carolina

Matthew Ryan, MAEd, ATC; Sports Medicine Program Manager, Palo Alto Medical Foundation/Sutter Health, Santa Cruz, California

Sue Shapiro, EdD, LAT, ATC; Associate Professor, College of Nursing and Health Sciences, Barry University, Miami Shores, Florida

Juana Willumsen, PhD; Technical Officer, World Health Organization (WHO), HQ, Geneva, Switzerland

CONFIRMED COURSE FACULTY

FACULTY AMSSM STAFF MEMBERS

Stephanie Kliethermes, PhD; Research Director, American Medical Society for Sports Medicine; Assistant Professor, Department of Orthopaedics and Rehabilitation, University of Wisconsin – Madison, Madison, Wisconsin

Brian Williams; Director of Policy and Advocacy, American Medical Society for Sports Medicine, Washington DC

CONFIRMED COURSE FACULTY

VOLUNTEER MEMBER FACULTY

The following Faculty are members of AMSSM who volunteer their time, pay the member conference registration rate and receive no expense reimbursement.

Carlin Senter, MD; Program Chair; Associate Professor, Primary Care Sports Medicine, UCSF Medicine and Orthopaedics, University of California – San Francisco, San Francisco, California

Kathryn Ackerman, MD, MPH; Sports Medicine Division; Director, Female Athlete Program; Assistant Professor of Medicine, Harvard Medical School; Boston, Massachusetts

Giselle Aerni, MD; Sports Medicine Physician; Founder, Madam Athlete, LLC, York, Pennsylvania

Gabby Ahlzadeh, MD; Department of Emergency Medicine, University of Utah, Salt Lake City, Utah

Michael Antonis, MD; Georgetown University, Department of Emergency Medicine, Washington DC

Irfan M. Asif, MD; Co-Chair, 2021 AMSSM CRN Summit; Professor and Chair, Department of Family and Community Medicine, University of Alabama – Birmingham (UAB), School of Medicine, Birmingham, Alabama

Tariq M. Awan, DO; Sports Medicine AdventHealth Orlando, Orlando, Florida

Robert J. Baker, MD, PhD, ATC; Professor, Departments of Orthopedic Surgery and Family and Community Medicine, Western Michigan University, Homer Stryker, MD School of Medicine, Kalamazoo, Michigan; Director, Primary Care Sports Medicine Fellowship Program; Team Physician, Western Michigan University, Kalamazoo, Michigan

Michael R. Baria, MD MBA; Director of Orthobiologics, The Ohio State University Sports Medicine Research Institute, Columbus, Ohio

Kenneth P. Barnes, MD, MSc, FAMSSM; Burlington, North Carolina

Holly J. Benjamin, MD, FAMSSM; Professor; Department of Orthopaedic Surgery, Rehabilitation Medicine & Pediatrics; Director of Primary Care Sports Medicine; University of Chicago, Chicago, Illinois

Kevin M. Bernstein, MD, MMS; Senior Medical Officer, Naval Branch Health Clinic, Mayport, Florida; Sports Medicine Faculty, Naval Hospital Jacksonville, Family Medicine Residency Program, Jacksonville, Florida

Anthony I. Beutler, MD, FAMSSM; Associate Medical Director; Director, Sports Medicine Fellowship Program, Intermountain Healthcare, Provo, Utah; Professor, Department of Family Medicine, Uniformed Services University, Bethesda Maryland

Cheri A. Blauwet, MD; Assistant Professor of Physical Medicine and Rehabilitation, Spaulding Rehabilitation Hospital/Harvard Medical School, Boston, Massachusetts

Joanne Borg-Stein, MD; Associate Professor; Associate Chair; Chief Sports and Musculoskeletal Rehabilitation, Department of Physical Medicine and Rehabilitation, Harvard Medical School, Spaulding Rehabilitation Hospital, Boston, Massachusetts

Fred H. Brennan Jr, DO; FAMSSM; Assistant Director, University of South Florida/BayCare Family Medicine Residency and Sports Medicine Fellowship Programs; Associate Professor, University of South Florida, Department of Family Medicine, Clearwater, Florida

Alison Brooks, MD, MPH, FAMSSM; Associate Professor, Department of Orthopedics, Division of Sports Medicine, University of Wisconsin – Madison, School of Medicine & Public Health, Madison, Wisconsin

Kevin E. Burroughs, MD; Professor, Department of Family Medicine, Atrium Healthcare; Director, Cabarrus Sports Medicine Fellowship Program, Concord, North Carolina; Medical Director, Atrium Healthcare Sports Medicine and Injury Care, Charlotte, North Carolina; Team Physician Catawba College, AL Brown High School

Monique S. Burton, MD; Clinical Professor, Department of Pediatrics and Orthopedics and Sports Medicine, University of Washington; Medical Director, Sports Medicine Program, Seattle Children's, Seattle, Washington

Chad T. Carlson, MD, FAMSSM; Private Practice, Des Moines, Iowa; Immediate Past President, American Medical Society for Sports Medicine

Stephen M. Carek, MD; Assistant Professor, University of South Carolina, School of Medicine – Greenville; Core Faculty, GHS – University of South Carolina Family Medicine Residency Program, Greenville, South Carolina

Cindy J. Chang, MD, FAMSSM; Clinical Professor and Fellowship Program Director; Primary Care Sports Medicine, Departments of Orthopaedics and Family & Community Medicine, University of California – San Francisco, San Francisco, California; Past President, American Medical Society for Sports Medicine

Yvonne C. Chow, MD, MSMS; Associate Director, Emergency Medicine Residency Program; Associate Professor, Department of Emergency Medicine, Albany Medical College, Albany, New York

Stephanie Chu, DO, FAMSSM; Associate Professor Family Medicine/Orthopaedics, University of Colorado Anschutz Medical Campus, Department of Family Medicine; Team Physician, Colorado Buffaloes, Denver, Colorado; Vice Chair, NCAA Committee on Competitive Safeguards & Medical Aspects of Sport

Jeremy L. Coleman, MD; Assistant Professor; Medical Director, UF Health at Wildlight; Department of Community Health and Family Medicine, University of Florida, College of Medicine – Jacksonville, Jacksonville, Florida

Nailah Coleman, MD; Associate Professor of Pediatrics, The George Washington University; Pediatrician and Sports Medicine Physician, The Goldberg Center for Community Pediatric Health, Children's National Hospital, Washington, DC; Board of Director; Chairperson, Membership Committee, American Medical Society for Sports Medicine

CONFIRMED COURSE FACULTY

VOLUNTEER MEMBER SPEAKERS *continued...*

Leah Concannon, MD; Clinical Associate Professor, Department of Rehabilitation Medicine, University of Washington, Seattle, Washington

Valerie Cothran, MD; Assistant Professor, Department of Family and Community Medicine, Department of Orthopaedics; Director, Sports Medicine Fellowship; Team Physician, University of Maryland Athletics, University of Maryland, Baltimore, Maryland

Julie A. Creech, DO, Capt, USAF, MC; National Capitol Consortium Primary Care Sports Medicine Fellowship Program, Fort Belvoir, Virginia

Steven Cuff, MD, FAMSSM; Associate Professor of Pediatrics and Sports Medicine, Nationwide Children's Hospital, The Ohio State University, College of Medicine, Columbus, Ohio

Claudia Dal Molin, DO; Assistant Professor; Head Team Physician, University of Maryland, Baltimore County Retrievers; Assistant Team Physician, University of Maryland Terrapins; Primary Care Sports Medicine, MSK Ultrasound, Osteopathy, Department of Orthopaedics, University of Maryland, School of Medicine, Baltimore, Maryland

Carly Day, MD; Head Team Physician; Adjunct Associate Professor, Department of Health and Kinesiology, Purdue University, Franciscan Physician Network, West Lafayette, Indiana; Board of Director; Chairperson, International/Inter-Organizational Relations Committee, American Medical Society for Sports Medicine

Katherine L. Dec, MD, FAMSSM; Head Team Physician, Longwood University, Farmville, Virginia; Professor, Virginia Commonwealth University (VCU), Richmond, Virginia; Chair, Sports Medicine Advisory Committee, Virginia High School League; Past President, American Medical Society for Sports Medicine

Will Denq, MD; Assistant Professor, Department of Emergency Medicine, University of Arizona, Tucson, Arizona

Alex B. Diamond, DO, MPH, FAMSSM; Associate Professor of Orthopaedic Surgery; Associate Professor of Pediatrics; Director, Program for Injury Prevention in Youth Sports (PIPYS), Vanderbilt University Medical Center; Team Physician, Vanderbilt University; Team Physician, Nashville Predators, Team Physician, Nashville Sounds

B. Kent Diduch, MD; Director, Physician Assistant Program, Murphy Deming College of Health Sciences, Fishersville, Virginia; Primary Care Team Physician, Mary Baldwin University

John P. DiFiori, MD, FAMSSM; Chief, Primary Sports Medicine, Hospital for Special Surgery, New York, New York; NBA Director of Sports Medicine; Secretary/Treasurer, AMSSM Foundation; Past President, American Medical Society for Sports Medicine

Robert J. Dimeff, FAMSSM; Texas Orthopaedic Associates, Dallas, Texas; Immediate Past President, AMSSM Foundation; Past President, American Medical Society for Sports Medicine

Sameer Dixit, MD, FAMSSM; Hospital for Special Surgery, New York, New York; Vice Chairperson, Practice and Policy Committee, American Medical Society for Sports Medicine

Emily E. Dixon, DO; Faculty, Trihealth Primary Care Sports Medicine Fellowship Program, Trihealth Orthopedic & Sports Institute, Cincinnati, Ohio

Jonathan Drezner, MD; Editor-in-Chief, *BJSM*; Director, Center for Sports Cardiology; Professor, Department of Family Medicine, University of Washington, Seattle, Washington; Past President, American Medical Society for Sports Medicine

Alexander Ebinger, MD; Assistant Professor, Department of Emergency Medicine, Department of Orthopedics, Department of Family Medicine, University of Colorado Health, University of Colorado, School of Medicine, Aurora, Colorado

Bianca Edison, MD, MS; Assistant Professor, Department of Orthopaedics and Sports Medicine, Children's Hospital Los Angeles, University Southern California, Los Angeles, California

Christine Eng, MD; Clinical Instructor, Harvard Medical School, Department of Physical Medicine and Rehabilitation, Spaulding Rehabilitation Hospital, Boston, Massachusetts

Jeffrey P. Feden, MD, FAMSSM; Associate Professor, Clinician Educator, Department of Emergency Medicine, Alpert Medical School of Brown University, Providence, Rhode Island

Karl B. Fields, MD, FAMSSM (ACGME); Professor, Department of Family Medicine, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina; Emeritus Director and Faculty, Cone Health Sports Medicine Fellowship Program, Greensboro, North Carolina; ACGME, Residency Review Committee; Past President, American Medical Society for Sports Medicine

Jonathan T. Finnoff, DO, FAMSSM; Professor, Department of Physical Medicine and Rehabilitation, Mayo Clinic College of Medicine and Science, Rochester, Minnesota; Chief Medical Officer, United States Olympic and Paralympic Committee, Colorado Springs, Colorado

Anastasia Noel Fischer, MD; Division of Sports Medicine, Nationwide Children's Hospital, Dublin, Ohio; Associate Professor of Pediatrics, The Ohio State University, College of Medicine, Columbus, Ohio

Michael Fredericson, MD; Department of Orthopaedic Surgery; Director, Physical Medicine and Rehabilitation, Stanford University; School of Medicine, Palo Alto, California

Alecia Gende, DO; Department of Emergency Medicine, Department of Sports Medicine, Mayo Clinic Health System, Onalaska, Wisconsin

Andrew Getzin, MD; Clinical Director of Sports Medicine, Cayuga Medical Center, Ithaca, New York

Kyle Goerl, MD; Medical Director; Sports Medicine & Family Medicine Physician, Lafene Health Center; Team Physician, Kansas State University Athletics, Kansas State University, Manhattan, Kansas; Clinical Assistant Professor, Department of Family & Community Medicine, University of Kansas, School of Medicine, Wichita, Kansas

Joshua T. Goldman, MD, MBA; Assistant Clinical Professor, Division of Sports Medicine; Team Physician, UCLA Athletics; Director, UCLA Sports Medicine Fellowship Program, University of California – Los Angeles, Santa Monica, California

CONFIRMED COURSE FACULTY

VOLUNTEER MEMBER SPEAKERS *continued...*

Marci Goolsby, MD, FAMSSM; Division of Sports Medicine, Hospital for Special Surgery, New York, New York

Matthew Grady, MD, FAMSSM; Director, Primary Care Sports Medicine Fellowship Program; Co-Director, Minds Matter Concussion Program; Associate Professor of Clinical Pediatrics, University of Pennsylvania, Perelman School of Medicine, Children's Hospital of Philadelphia, Philadelphia, Pennsylvania

Aaron D. Gray, MD; Associate Professor, Departments of Orthopaedics and Family Medicine, University of Missouri, Columbia, Missouri

Gary Green, MD; Clinical Professor, Pepperdine University; Private Practice, Medical Doctors of St. John's, Pacific Palisades, California; Medical Director, Major League Baseball (MLB)

Andrew J.M. Gregory, MD, FAMSSM; Associate Professor, Orthopedics, Neurosurgery & Pediatrics; Director, Sports Medicine Fellowship, Vanderbilt University, School of Medicine, Nashville, Tennessee

Nancy J. Gritter, MD; Clinical Professor, Department of Internal Medicine, Division of Nephrology, University of North Carolina, School of Medicine, Charlotte Campus, Charlotte, North Carolina; Nephrology Division Chief, Department of Internal Medicine, Atrium Health; Private Practice, Metrolina Nephrology Associates, PA, Charlotte, North Carolina

Christopher Guyer, MD; Clinical Assistant Professor, Wayne State University; Senior Staff Physician, Division of Sports Medicine and Division of Emergency Medicine, Henry Ford Health System, Detroit, Michigan; Adjunct Physician Instructor, University of Michigan, Ann Arbor, Michigan

Joshua G. Hackel, MD; Managing Partner, The Andrews Institute for Orthopedics and Sports Medicine; Director, University of South Alabama/Andrews Institute Primary Care Sports Medicine Fellowship, Gulf Breeze, Florida; Associate Professor, Florida State University, School of Medicine, Tallahassee, Florida

Brian Hainline, MD; Chief Medical Officer, NCAA, Indianapolis, Indiana

Mederic M. Hall, MD; Associate Professor, Departments of Orthopedics & Rehabilitation, Radiology, and Family Medicine; Director, Sports and MSK Ultrasound, UI Sports Medicine, University of Iowa Hospitals and Clinics, Iowa City, Iowa; Board of Director; Chairperson, Sports Ultrasound Committee, American Medical Society for Sports Medicine

Mark E. Halstead, MD, FAMSSM; Associate Professor, Departments of Pediatrics and Orthopedics, Washington University Sports Medicine; St. Louis, Missouri

Erin Hammer, MD, MPH; Assistant Professor, Department of Orthopedics and Rehabilitation; Department of Family Medicine and Community Health, University of Wisconsin – Madison, Madison, Wisconsin

Sadiq Haque, DO; Sports Medicine, Detroit Medical Center; Team Physician, Detroit Red Wings, Detroit, Michigan

Kimberly G. Harmon, MD, FAMSSM; Professor, Departments of Family Medicine and Orthopaedics and Sports Medicine, University of Washington, School of Medicine, Seattle, Washington; President, AMSSM Foundation; Past President, American Medical Society for Sports Medicine

Benjamin A. Hasan, MD, FAMSSM; Family Medicine and Sports Medicine; Director, NCH Medical Group Back and Spine Clinic, Mt. Prospect, Illinois; Assistant Clinical Professor of Family Medicine, University of Illinois at Chicago; Chicago, Illinois; Team Physician, USA Triathlon; Race Physician, Chicago Marathon

Nicolas Hatamiya, MD; Fellow, UCLA Sports Medicine Fellowship Program, University of California – Los Angeles, Santa Monica, California; Fellowship Class Representative, American Medical Society for Sports Medicine

Suzanne Hecht, MD, FAMSSM; Associate Professor, Department of Family Medicine and Community Health; Director, Sports Medicine Fellowship Program; Team Physician for UM Athletics, University of Minnesota, Minneapolis, Minnesota; Team Physician, U.S. Figure Skating

Troy Henning, DO; Rehabilitation and Performance Medicine, Swedish Medical Center, Seattle, Washington

Daniel C. Herman, MD, PhD; Assistant Professor, Department of Orthopaedics and Rehabilitation, University of Florida, Gainesville, Florida

Garry W.K. Ho, MD, CIC, FAMSSM; Family and Sports Medicine Physician, Private Practice, VCU – Fairfax Family Practice; Director, VCU – FFPC Sports Medicine Fellowship Program; Associate Medical Co-Director, VCU – FFPC, Comprehensive Concussion Center, Fairfax, VA; Assistant Professor, Department of Family Medicine, VCU – Inova, School of Medicine, Falls Church, Virginia; Assistant Clinical Professor, Department of Family Medicine, VCU, School of Medicine, Richmond, Virginia; Assistant Professor, USUHS Tri-Service Military Sports Medicine Fellowship, Department of Family Medicine, Bethesda, Maryland; Medical Director, Athletic Training Program, Fairfax County Public School System, Falls Church, Virginia; Medical Director, AED First Responder and Early Defibrillation Program, Fairfax County Public School System, Falls Church, Virginia

Douglas Hoffman, MD; Departments of Orthopedics and Radiology, Essentia Health, Duluth, Minnesota; Vice Chairperson, Sports Ultrasound Committee, American Medical Society for Sports Medicine

Christopher Hogrefe, MD; Clinical Associate Professor, Department of Emergency Medicine, University of Iowa Hospitals and Clinics, Iowa City, Iowa

Kaila A. Holtz, MD, MSc, FRCPC; Assistant Professor, Division of Physical Medicine and Rehabilitation, University of British Columbia, Vancouver, British Columbia, Canada

Melody Hrubes, MD; Director, Non-Operative Sports Medicine, New York Region Rothman Orthopaedics, New York, New York

CONFIRMED COURSE FACULTY

VOLUNTEER MEMBER SPEAKERS *continued...*

Yao-wen Eliot Hu, MD, MBA, CIC; Civilian Sports Medicine Physician, 13 Area/52 Area SMART Clinic, Naval Hospital Camp Pendleton; Assistant Professor of Family Medicine, Uniformed Services University of Health Sciences; Faculty, Naval Hospital Camp Pendleton Sports Medicine Fellowship, Camp Pendleton, California

Chad Hulsopple, DO; Director, National Capitol Consortium Sports Medicine Fellowship Program; Assistant Professor, Department of Family Medicine, Uniformed Services University of the Health Sciences, Bethesda, Maryland

Sam Hwu, MD; Faculty, National Family Medicine Residency Program – The Wright Center, Unity Health Care, Washington, DC; Team Physician, George Mason University, Fairfax, Virginia

Julia L. Iafrate, DO; Assistant Professor, Department of Rehabilitation and Regenerative Medicine, New York Presbyterian/Columbia University Medical Center, New York, New York

Abiye L. Ibiebele, MD; Resident, Department of Emergency Medicine, Northwestern University, Chicago, Illinois

Lailah Issac, DO; Assistant Professor, Nova Southeastern University, Department of Physical Medicine and Rehabilitation, Fort Lauderdale, Florida

Rajat K. Jain, MD; Clinical Instructor, Department of Internal Medicine, Department of Pediatrics, Northwestern University, Evanston, Illinois; Northwestern University Health Services, Evanston, Illinois

Elena (Ellie) J. Jelsing, MD; Assistant Professor, Departments of Physical Medicine & Rehabilitation and Orthopedic Surgery, Mayo Clinic, Minneapolis, Minnesota

Prakash Jayabalan, MD, PhD; Shirley Ryan AbilityLab, Chicago, Illinois

Michael A. Jonesco, DO; Assistant Clinical Professor, Department of Internal Medicine, Sports Medicine, The Ohio State University, Wexner Medical Center, Columbus, Ohio

Elizabeth A. Joy, MD, MPH, FAMSSM; Senior Medical Director, Wellness & Nutrition, Intermountain Healthcare; Adjunct Professor, Family and Preventive Medicine, University of Utah, School of Medicine, Salt Lake City, Utah

Kyle Judkins, DO; Pardee Family and Sports Medicine, Mills River, North Carolina

Rahul Kapur, MD; Assistant Professor, Family Medicine and Sports Medicine; Department of Family Medicine and Community Health and UMN Sports Medicine, University of Minnesota; Team Physician, Minnesota Twins, Minneapolis, Minnesota; Team Physician, U.S. Lacrosse

Donald Kasitinon, MD; Fellow, Non-Operative Sports Medicine Fellowship Program, Department of Orthopaedic Surgery, Stanford University, Palo Alto, California

Alex Kheradi, MD; Assistant Clinical Professor, Georgetown University Hospital, Departments of Emergency and Sports Medicine, Washington, DC

Morteza Khodaei, MD, MPH, FAMSSM; Professor, Department of Family Medicine & Orthopedics, Division of Sports Medicine, University of Colorado, School of Medicine; Head Primary Care Team Physician, Denver Nuggets; Team Physician, Colorado Rapids; Team Physician, University of Denver, Pioneers Men Soccer, Denver, Colorado

Jessica Knapp, DO; Assistant Director, Mountain Area Health Education Center (MAHEC) Sports Medicine Fellowship Program, Asheville, North Carolina

Justine Ko, MD; Resident, Department of Emergency Medicine, McGaw Medical Center of Northwestern University, Chicago, Illinois

Jennifer Scott Koontz, MD, MPH, FAMSSM; Private Practice, Newton, Kansas

M. Atef Kotob, MD; Resident, Department of Emergency Medicine, University of Iowa, Iowa City, Iowa

Emily Kraus, MD; Assistant Clinical Professor, Stanford Children's Orthopedic and Sports Medicine Center, Stanford, California

Andrea Kussman, MD; Clinical Assistant Professor, Department of Orthopaedics, Stanford University, Palo Alto, California

Cynthia R. LaBella, MD, FAMSSM; Professor, Department of Pediatrics, Northwestern University, Feinberg School of Medicine; Medical Director, Institute for Sports Medicine, Ann and Robert H. Lurie Children's Hospital of Chicago, Chicago, Illinois; Board of Director; Chairperson, Practice and Policy Committee, American Medical Society for Sports Medicine

Allison Lane, MD; Assistant Professor, Department of Emergency Medicine, Sports Medicine, University of Arizona/Banner University Medical Center, Tucson, Arizona

Erek W. Latzka, MD; Assistant Clinical Professor, Department of Rehabilitation Medicine, University of Washington, Seattle, Washington

John W. Lax, MD; Medical Director, Integrated Operational Support, 31st Fighter Wing, Aviano Air Force Base, Italy

John J. Leddy, MD; Professor of Clinical Orthopedics and Rehabilitation Sciences, SUNY – Buffalo, Jacobs School of Medicine and Biomedical Sciences, Buffalo, New York

Matthew S. Leiszler, MD; Football Team Physician, University of Notre Dame, Notre Dame, Indiana

Kelsey Logan, MD, MPH; Cincinnati Children's Hospital Medical Center; Associate Professor, Departments of Pediatrics and Internal Medicine, University of Cincinnati, College of Medicine, Cincinnati, Ohio

Navid Mahooti, MD, MPH; Mass General/North Shore Center for Outpatient Care, Danvers, Massachusetts; Clinical Instructor, Sports Medicine, North Shore Medical Center Internal Medicine Residency Program, Salem, Massachusetts; Team Physician, Gordon College Athletics

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VOLUNTEER MEMBER SPEAKERS *continued...*

Gerard A. Malanga, MD; Clinical Professor, Department of Physical Medicine and Rehabilitation, Rutgers School of Medicine- New Jersey Medical School, New Brunswick, New Jersey; Founder; Partner, NJ Regenerative Institute, Cedar Knolls, New Jersey

Lee A. Mancini, MD, CSCS*D, CSN; Chief, Division of Sports Medicine; Director, Primary Care Sports Medicine Fellowship Program; Associate Professor, Department of Family Medicine and Community Health, University of Massachusetts, Fitchburg, Massachusetts; Certified Strength and Conditioning Specialist with Distinction; Certified Sports Nutritionist

Christina L. Master, MD; Professor of Clinical Pediatrics, Perelman School of Medicine, University of Pennsylvania; Co-Director, Minds Matter Concussion Program, Pediatric and Adolescent Sports Medicine, Division of Pediatric Orthopedics, Children's Hospital of Philadelphia, Philadelphia, Pennsylvania

Ross Mathiasen, MD; Associate Professor, Department of Emergency Medicine, University of Nebraska Medical Center, Omaha, Nebraska

Kenneth R. Mautner, MD, FAMSSM; Associate Professor, Emory Sports Medicine; Director, Primary Care Sports Medicine Fellowship Program, Atlanta, Georgia; Board of Director; Co-Chairperson, Fellowship Committee, American Medical Society for Sports Medicine

Jennifer Roth Maynard, MD; Assistant Professor, Department of Family Medicine; Director, Primary Care Sports Medicine Fellowship Program, Mayo Clinic Florida, Jacksonville, Florida; Medical Advisor, Women's Tennis Association

Kelly C. McInnis, DO; Assistant Professor, Physical Medicine and Rehabilitation, Harvard Medical School, Massachusetts General Hospital, Boston, Massachusetts

Douglas McKeag, MD, MS, FAMSSM; Adjunct Professor of Family/Sports Medicine, Oregon Health Sciences University, Portland, Oregon; OneAmerica Professor Emeritus, Indiana University, School of Medicine, Indianapolis, Indiana; Founder; Past President, American Medical Society for Sports Medicine

Ian McKeag, MD, MS; Assistant Professor; Director, Sports & Exercise Medicine Fellowship Program; Team Physician, UAB Athletics, Department of Family & Community Medicine, University of Alabama – Birmingham (UAB), School of Medicine, Birmingham, Alabama

Christopher W. McMullen, MD; Clinical Assistant Professor, Department of Rehabilitation Medicine, University of Washington, Seattle, Washington

Scott M. Meester, MD; Fellow, Department of Emergency Medicine, West Virginia University Sports Medicine Fellowship, West Virginia University, Morgantown, West Virginia

Jordan D. Metzl, MD; Hospital for Special Surgery, New York, New York; Award-Winning Author and Medical Columnist

Christopher M. Miles, MD, FAMSSM; Associate Professor, Department of Family and Community Medicine, Wake Forest University, School of Medicine, Medical Director of Athletics, Wake Forest University, Winston-Salem, North Carolina

Emily K. Miller Olson, MD; Fellow, Department of Orthopaedic Surgery, Stanford University Sports Medicine Fellowship, Palo Alto, California

Emily M. Miller, MD; Assistant Clinical Professor, University of California – Los Angeles, Division of Sports Medicine, Departments of Family Medicine and Orthopaedics; Assistant Team Physician, UCLA Athletics, Los Angeles, California

Robert Monaco MD MPH; Atlantic Sports Health, Morristown, New Jersey

Aaron J. Monseau, MD; Associate Professor, Department of Emergency Medicine, West Virginia University, Morgantown, West Virginia

Geoffrey E. Moore, ScB, MD; Chief Medical Officer, Wellcoaches Digital, LLC, Ithaca, New York

Landon R. Mueller, MD; Fellow, MedStar National Rehabilitation Hospital/Georgetown University Hospital Sports Medicine Fellowship, Washington DC

Kyle Mullins, MD; Assistant Professor, Department of Physical Medicine and Rehabilitation, Sports Medicine, UC Davis Health, Sacramento, California

Kyle B. Nagle, MD, MPH; Associate Professor, Department of Pediatrics/Orthopedics and Sports Medicine, University of Washington; Seattle Children's Hospital, Seattle, Washington

Melissa Nayak, MD; Department of Orthopaedics, Henry Ford Health System; Clinical Assistant Professor, Wayne State University, School of Medicine, Detroit, Michigan

Matthew Negaard, MD; Associate Clinical Professor of Emergency Medicine, University of Iowa Hospitals and Clinics; Iowa City, Iowa; Primary Care Sports Medicine Attending, Methodist Sports Medicine, Indianapolis, Indiana

Marcia Newby-Goodman, MD; Private Practice, Primary Care Specialists Inc; Community Faculty, Eastern Virginia Medical School Family Practice Community Faculty, Norfolk, Virginia

Mark W. Niedfeldt, MD, FAMSSM; Associate Clinical Professor, Department of Family & Community Medicine, Medical College of Wisconsin, Milwaukee Wisconsin; Private Practice, Mequon, Wisconsin; Board of Director, AMSSM Foundation

Melissa Novak, DO; Assistant Professor, Department of Family Medicine, Oregon Health & Science University, Portland, Oregon; Vice Chairperson, International/Inter-Organizational Relations Committee, American Medical Society for Sports Medicine

Nathaniel Nye, MD, Maj, USAF, MC; VIPER Sports Medicine Element Chief, 559th Trainee Health Squadron, Joint Base San Antonio – Lackland, Texas

Francis G. O'Connor, MD, MPH, FAMSSM; Professor, Department of Military and Emergency Medicine, Uniformed Services University of the Health Sciences, Bethesda, Maryland; Past President, American Medical Society for Sports Medicine

Richard A. Okragly, MD, FAMSSM; Director, TriHealth Primary Care Sports Medicine Fellowship Program, Cincinnati, Ohio

CONFIRMED COURSE FACULTY

VOLUNTEER MEMBER SPEAKERS *continued...*

Luci Olewinski, MD; Assistant Professor, Department of Family Medicine, University of Tennessee – Knoxville, Knoxville, Tennessee

Kristin S. Oliver, MD, MPH; Co-Founder and Managing Partner, Bluetail Medical Group – St. Louis and Columbia, Missouri; Mankato, Minnesota; Green Bay, Wisconsin

Kentaro Onishi, DO; Assistant Professor, Department of Physical Medicine and Rehabilitation and Orthopedic Surgery, University of Pittsburgh, Pittsburgh, Pennsylvania

Benjamin L. Oshlag, MD, MS; Assistant Professor, Department of Emergency Medicine, Icahn School of Medicine, Mount Sinai Beth Israel, New York, New York

Evan Peck, MD; Section of Sports Health, Levitz Department of Orthopaedic Surgery, Orthopaedic and Rheumatologic Center, Weston, Florida; Affiliate Assistant Professor of Clinical Biomedical Science, Charles E. Schmidt College of Medicine, Florida Atlantic University, Boca Raton, Florida

Stephen L. Peery, MD; Resident, Department of Emergency Medicine, University of Iowa, Iowa City, Iowa

Andy Peterson, MD, MSPH, FAMSSM; Professor of Pediatrics and Orthopedic, University of Iowa; Iowa City, Iowa; Board of Director; Co-Chairperson, Research Committee, American Medical Society for Sports Medicine

Ziva Petrin, MD; Assistant Professor, Department of Physical Medicine and Rehabilitation, Rutgers New Jersey Medical School, Newark, New Jersey

Michael J. Petrizzi, MD; Clinical Professor, Department of Family Medicine and Population Health, Virginia Commonwealth University, Richmond, Virginia; Private Practice, Hanover Family Physicians, Mechanicsville, Virginia

Sourav K. Poddar, MD, FAMSSM; Director, Primary Care Sports Medicine; Associate Professor, Departments of Family Medicine and Orthopedics, University of Colorado, School of Medicine, Denver, Colorado; Medical Director, University of Colorado Buffaloes, Boulder, Colorado; Board of Director, AMSSM Foundation

Steven K. Poon, MD; Adjunct Instructor of Medicine, Mayo College of Medicine, Phoenix, Arizona; Sports Medicine Physician, Arizona State University Health Services, Sun Devil Athletics, Tempe, Arizona

Adam Pourcho, DO; Sports Medicine, Seattle, Washington

Amy P. Powell, MD, FAMSSM; Team Physician, University of Utah; Associate Professor, Department of Orthopaedics, Adjunct Associate Professor, Department of Medicine, University of Utah, Salt Lake City, Utah; First Vice President, American Medical Society for Sports Medicine

Margot Putukian, MD, FAMSSM; Director of Athletic Medicine; Head Team Physician; Assistant Director of Medical Services, Princeton University, Princeton, New Jersey; Associate Clinical Professor, Rutgers – Robert Wood Johnson Medical School, New Brunswick, New Jersey; Chief Medical Officer, Major League Soccer (MLS); Past President, American Medical Society for Sports Medicine

Aditya Raghunandan, MD; Spine and Sports Physiatry, South Texas Spinal Clinic, San Antonio, Texas

Ashwin Rao, MD, FAMSSM; Associate Professor, Department of Family Medicine, Section of Sports Medicine, Seattle, Washington

Neha Parikh Raukar, MD, MS; Mayo Clinic, Rochester, Minnesota

Jeremiah W. Ray, MD; Head Team Physician; Associate Diplomat Physician, Department of Orthopaedic Surgery; Assistant Clinical Faculty, Department of Emergency Medicine, University of California – Davis, Davis, California

Tracy Ray, MD, FAMSSM; Piedmont Orthopedic Sports Medicine, Athens, Georgia; President, American Medical Society for Sports Medicine

Andrew S. Reisman, MD; Head Team Physician, Student Health Services; Assistant Athletic Director, Sports Medicine, University of Delaware, Newark, Delaware

Sami F. Rifat, MD; Medical Director; Head Team Physician, Athletic Medicine; Clinical Assistant Professor, Department of Family Medicine, University of Michigan, Ann Arbor, Michigan

Katherine H. Rizzone, MD, MPH; Assistant Professor, Departments of Orthopaedics and Pediatrics, University of Rochester Medical Center; Academic Practice, Rochester, New York

Jeff Roberts, MD, FAMSSM; St. Francis Family Medicine Clinic – Bon Secours, Family Medicine and Sports Medicine Midlothian, Virginia

Luis A. Rodriguez, MD, FAMSSM; Miami Orthopedics and Sports Medicine Institute, Miami, Florida

David A. Ross, MD; Ross Medical Group, Miami, Florida

Robert Sallis, MD; Director; Sports Medicine Fellowship Program, Kaiser Permanente Medical Center, Fontana, California; Clinical Professor of Family Medicine, University of California – Riverside, School of Medicine, Riverside, California

Jacob L. Sellon, MD; Assistant Professor of Physical Medicine and Rehabilitation; Co-Chair, Sports Medicine Division, Department of Orthopedic Surgery, Mayo Clinic, Rochester, Minnesota

Selina Shah, MD, FAMSSM; Private Practice, Division of BASS Medical Group, Walnut Creek, California

Shane A. Shapiro, MD, FAMSSM; Associate Professor, Department of Orthopedic Surgery, Mayo Clinic, Jacksonville, Florida

David M. Siebert, MD; Assistant Professor, Department of Family Medicine, University of Washington, Seattle, Washington

Allen K. Sills, MD; Professor of Neurosurgery, Vanderbilt University Medical Center, Nashville, Tennessee; Chief Medical Officer, National Football League (NFL)

CONFIRMED COURSE FACULTY

VOLUNTEER MEMBER SPEAKERS *continued...*

Matthew Silvis, MD, FAMSSM; Professor, Departments of Family & Community Medicine and Orthopaedics and Rehabilitation, Penn State College of Medicine; Division Chief, Primary Care Sports Medicine; Vice Chair of Clinical Operations, Department of Family and Community Medicine; Director, Adult Ambulatory Care, Penn State Health; Team Physician, Hershey Bears; Team Physician, Hershey High School, Hershey, Pennsylvania

M. Kyle Smoot, MD; Professor, Department of Orthopaedic Surgery and Sports Medicine; Co-Director, University of Kentucky Sports Medicine Fellowship Program; Associate Head Team Physician, UK Athletics, University of Kentucky, Lexington, Kentucky

Jack Spittler, MD; Assistant Professor, Departments of Family Medicine and Orthopedics, University of Colorado, Denver, Colorado

Cleo D. Stafford II, MD, MS; Assistant Professor, Department of Orthopaedics, Emory University, School of Medicine, Atlanta, Georgia

Harry C. Stafford, MD, CSCS; Associate Professor, Department of Family Medicine, Orthopedics, and Sports Medicine, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina

Siobhan M. Statuta, MD; Director, Primary Care Sports Medicine Fellowship Program; Associate Professor, Family Medicine and Physical Medicine & Rehabilitation; Team Physician, UVA Sports Medicine; University of Virginia Health System; Charlottesville, Virginia

Jacob Stelter, MD; Division of Emergency Medicine, NorthShore University HealthSystem, Chicago, Illinois

Nicole Stern, MD; Sansum Clinic Inc., Santa Barbara, California

Mark Stovak MD, FAMSSM; Professor, University of Nevada – Reno, School of Medicine, Department of Family & Community Medicine; Team Physician, UNR Athletics, University of Nevada – Reno, Reno, Nevada; Second Vice President, American Medical Society for Sports Medicine

Andrea Stracciolini, MD; Assistant Professor, Department of Orthopaedics, Division of Sports Medicine, Boston Children's Hospital; Harvard Medical School, Boston, Massachusetts; Academic Medical Center, Academic Sports Medicine Practice; The Micheli Center for Sports Injury Prevention, Waltham, Massachusetts

Shelley Street Callender, MD; Associate Professor, Department of Pediatrics and Family Medicine, Mercer University, School of Medicine, Navicent Health Systems, Macon, Georgia; Vice Chairperson, Membership Committee, American Medical Society for Sports Medicine

Michael Swartzon, MD; Associate Professor, Florida International University; Director, Baptist Primary Care Sports Medicine Fellowship Program, Miami, Florida

Jillian E. Sylvester, MD; Assistant Professor of Family Medicine, Uniformed Services University, Scott Air Force Base, Illinois

Isaac Syrop, MD; Assistant Professor, Department of Rehabilitation and Regenerative Medicine, Columbia University, College of Physicians and Surgeons, New York – Presbyterian Hospital, New York, New York

Jeffrey L. Tanji, MD; Sports Medicine, University of California – Davis Health, Davis, California; Past President, AMSSM Foundation; Founder; Past President, American Medical Society for Sports Medicine

Poonam P. Thaker, MD, FAMSSM; Director, Sports Medicine Fellowship Program; Associate Director, Family Medicine Residency Program, AMITA Health Resurrection Medical Center, Chicago, Illinois; Assistant Professor, Department of Family and Preventive Medicine, Rosalind Franklin University of Medicine and Science, North Chicago, Illinois; Head Team Physician, North Park University, Chicago, Illinois

Timothy W. Thomsen, MD; Clinical Assistant Professor, Department of Emergency Medicine, Department of Orthopedics and Rehabilitation, University of Iowa Hospitals and Clinics, Iowa City, Iowa

Timothy Tiu, MD; Medical Director, Christine E. Lynn Rehabilitation Center Outpatient Clinics; Assistant Professor, Department of Physical Medicine & Rehabilitation, University of Miami Miller School of Medicine, Miami, Florida

Alex J. Tomesch, MD; Fellow, Primary Care Sports Medicine Fellowship Program, University of Arizona, Tucson, Arizona

Brett G. Toresdahl, MD; Assistant Attending Physician, Primary Sports Medicine Service, Hospital for Special Surgery, New York, New York

Yetsa Tuakli-Wosornu, MD, MPH; Yale School of Medicine, New Haven, Connecticut

Verle Valentine, MD, FAMSSM; Sports Medicine Physician, Sanford Orthopedics & Sports Medicine; Medical Director, Sanford Sports Science Institute; Assistant Professor, Sanford School of Medicine, University of South Dakota; Team Physician, South Dakota State University, Sioux Falls, South Dakota; Board of Director, AMSSM Foundation

Kevin R. Vincent, MD, PhD; John H. and Mary Lou Dasburg Chair in Physical Medicine and Rehabilitation; Division Chief and University Term Professor, Department of Physical Medicine & Rehabilitation; Director, UF Running Medicine Clinic; Medical Director, UF Sports Performance Center, Department of Orthopaedics and Rehabilitation, University of Florida, Gainesville, Florida

Christopher J. Visco, MD; Ursula Corning Associate Professor of Rehabilitation Medicine; Research Vice Chair of Education, Department of Rehabilitation and Regenerative Medicine, Columbia University, College of Physicians and Surgeons; Director, Physical Medicine and Rehabilitation Residency Training; Director, Sports Medicine Fellowship Program, New York – Presbyterian Hospital, Columbia and Cornell, New York, New York

CONFIRMED COURSE FACULTY

VOLUNTEER MEMBER SPEAKERS *continued...*

L. Tyler Wadsworth, MD, FAMSSM; Adjunct Associate Professor, Department of Family and Community Medicine; Medical Director, Athletic Training Education Program, St. Louis University; Medical Director, Sundance Clinical Research, LLC, St. Louis, Missouri

Brandee L. Waite, MD; Professor, Sports Medicine Section Chief; Clinic Medical Director; Fellowship Director, Physical Medicine and Rehabilitation, University of California – Davis, Sacramento, California

Ali E. Warrick, MD; Fellow, UC Davis PM&R Sports Medicine Fellowship Program, Sacramento, California

Anna L. Waterbrook, MD; Associate Professor, Department of Emergency Medicine; Associate Director, South Campus Residency Program; Associate Director, Sports Medicine Fellowship Program; Assistant Team Physician, Intercollegiate Athletics, The University of Arizona, Tucson, Arizona

Drew Watson, MD, MS; Assistant Professor, Department of Orthopedics and Rehabilitation, Division of Sports Medicine, University of Wisconsin – Madison, School of Medicine and Public Health, Madison, Wisconsin

M. Terese Whipple, MD; Fellow, University of Iowa Primary Care Sports Medicine Fellowship Program, Iowa City, Iowa

Kristina M. Wilson, MD, MPH, FAMSSM; Medical Director, Pediatric and Adolescent Sports Medicine and Sports Physical Therapy, Department of Orthopedics and Sports Medicine, Phoenix Children's Hospital; Medical Director, Brain Injury and Concussion Program, Barrow Neurologic Institute at Phoenix Children's Hospital; Assistant Clinical Professor, Department of Child Health, University of Arizona, College of Medicine, Phoenix, Arizona

Velyn Wu, MD; Associate Director; Assistant Clinical Professor, University of Florida Community Health and Family Medicine Family Medicine Residency Program, Gainesville, Florida

Timothy J. Yu, MD; Assistant Clinical Professor, Department of Family Medicine and Population Health, Virginia Commonwealth University (VCU), Richmond, Virginia; Associate Director, VCU – Bon Secours Family Medicine Residency Program; Core Clinical Faculty, VCU-Bon Secours Sports Medicine Fellowship Program, Midlothian, Virginia

Jason L. Zaremski, MD; Associate Professor of Physical Medicine and Rehabilitation and Sports Medicine; Co-Medical Director, Adolescent and High School Sports Medicine Outreach Program, Department of Orthopaedics and Rehabilitation, University of Florida Health, Gainesville, Florida; Board of Director; Co-Chairperson, Fellowship Committee, American Medical Society for Sports Medicine

SATELLITE EDUCATION PROGRAM

Presented by Bioventus

Registration Required

No Fee



MAX: 500 PARTICIPANTS

Register online to secure an available spot.

INDUSTRY-SPONSORED SYMPOSIUM

Wednesday, March 24, 2021

5:00-6:00pm PT (8:00-9:00pm ET)

Why All HAs Are Not The Same: Treatment Options For Knee OA

After this presentation, attendees will be better able to understand and appreciate

- The mechanism of action and effectiveness of the HA class for treatment of knee osteoarthritis (OA)
- The unique science behind the design of DUROLANE® as a single-injection treatment for knee OA
- Which patients may benefit the most from DUROLANE®

DUROLANE is a registered trademark of Bioventus LLC.

FEATURED SPEAKER:

R. Amadeus Mason MD, CAQSM, RMSK

Asst. Prof. of Orthopaedics & Family Medicine
Co-Director Emory Running Medicine
Program Medical Director, Atlanta Track Club - Elite Athlete Program
Emory Orthopaedics, Sports, Spine
Atlanta GA, 30338

AMSSM is not responsible for the planning, content or speakers of this program. This program is not an AMSSM educational activity. CME Credit is not available. By registering for an Industry-Sponsored Symposium AMSSM will share your contact information with the company for follow-up.

SATELLITE EDUCATION PROGRAM

Presented by FUJIFILM SonoSite, Inc.

Registration Required

No Fee



MAX: 500 PARTICIPANTS

Register online to secure an available spot.

INDUSTRY-SPONSORED SYMPOSIUM

Thursday, March 25, 2021

5:00-6:00pm PT (8:00-9:00pm ET)

Practical Sports Ultrasound Protocols Featuring Live Scanning

Join our one-hour discussion on practical sports ultrasound using the SonoSite PX system. Dr. Awan will answer questions and coach as he explores the most superficial structures of the body using the new L19-5MHz transducer.

Highlights:

- SonoSite PX adaptable work surface for optimal workspace ergonomics and clinical setup
- L19-5 transducer – The highest frequency transducer SonoSite has ever produced

FEATURED SPEAKER

Tariq Awan, DO

Team Physician Orlando Magic

AdventHealth Orlando

PROFILE

Fellowship, Primary Care Sports Medicine, Mayo Clinic, Jacksonville, FL

Residency, Family Medicine, Henry Ford Hospital, Detroit, MI

Medical Degree, Chicago College of Osteopathic Medicine, Downers Grove, IL

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SATELLITE EDUCATION PROGRAM

Presented by Flexion Therapeutics, Inc.

**Registration Required
No Fee**



MAX: 500 PARTICIPANTS

Register online to secure an available spot.

INDUSTRY-SPONSORED SYMPOSIUM

Tuesday, March 30, 2021

5:00-6:00pm PT (8:00-9:00pm ET)

See The Pros Go Knee To Knee!

Flexion Therapeutics invites you to a virtual event featuring former AMSSM President Robert Dimeff, MD, FAMSSM and legendary retired athletes Rod Woodson and Sheryl Swoopes.

Get in the game on March 30, 2021 at **8:00pm PT (8:00pm ET)**!

FEATURED SPEAKERS:

Robert J. Dimeff, MD, FAMSSM

Rob Woodson

Sheryl Swoopes

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SATELLITE EDUCATION PROGRAM

Presented by Össur Americas

Registration Required

No Fee



MAX: 500 PARTICIPANTS

Register online to secure an available spot.

INDUSTRY-SPONSORED SYMPOSIUM

Tuesday, April 6, 2021

5:00-6:00pm PT (8:00-9:00pm ET)

Keep Your Knee Oa Patients Moving With New Treatment Protocols And Recently Published Research!

An in-depth discussion of recently developed Expert Consensus Treatment Protocols for knee OA, with emphasis on preserving cartilage while maintaining and improving activity levels in three different patient populations.

Results from a recently published study on the effects of unloader bracing on knee cartilage regeneration will be introduced. Additional treatment options will be presented with an evaluation of patient outcomes.

FEATURED SPEAKERS:

Aneesh Garg, DO

Aneesh Garg, DO, CAQ is a board-certified, Fellowship trained non-surgical sports medicine physician at the Hughston Clinic Orthopaedics in Nashville, TN.

Dr. Garg serves as a team physician for USA Hockey and US Soccer and has served as team physician, medical director, and tournament physician for high school and college teams. Dr. Garg serves on the sports medicine teaching faculty at numerous universities and hospitals, and has presented extensively to healthcare professionals at national meetings.

Dr. Garg is a certified ImPACT consultant specializing in the management of concussion injuries and neurocognitive testing. His added specialty skills and procedures include orthobiologics, platelet-rich plasma therapy, Tenex (percutaneous tenotomy), ultrasound guided injections, exertional compartment syndrome testing and non-surgical fracture care.

AMSSM is not responsible for the planning, content or speakers of this program. This program is not an AMSSM educational activity. CME Credit is not available. By registering for an Industry-Sponsored Symposium AMSSM will share your contact information with the company for follow-up.

SATELLITE EDUCATION PROGRAM

Presented by Samsung

Registration Required

No Fee

SAMSUNG

MAX: 500 PARTICIPANTS

Register online to secure an available spot.

OPTIONAL INDUSTRY-SPONSORED SYMPOSIUM

Thursday, April 8, 2021

5:00-6:00pm PT (8:00-9:00pm ET)

Ultrasound Evaluation of Scapular Dyskinesia

This presentation will focus on multiple aspects of scapular movement disorders. The primary focus will be how to identify abnormal and normal tissue that can lead to scapula dysfunction using sonography. Discussion will include key physical exam findings, functional exam of the shoulder and scapula with special emphasis on abnormal winging patterns of the scapula. Participants will be exposed to nerve entrapment syndromes that lead to different scapular dyskinesis patterns that cause chronic pain and loss of function around the scapula.

Included in this lecture will be a suggested scanning protocol on how to approach scapular disorders with comparison imaging, functional ultrasound examination along with common nerve entrapment. This lecture will also include a discussion of the rhomo-serrati fascial sling which appears to play a critical role in normal scapular function. This lecture includes the fundamentals of a full day scapular dyskinesis workshop presented at Interventional Orthobiologic Foundation (IOF) 2020.

FEATURED SPEAKER:

Philip Steele, MD, RMSK

Private Practice – Founder, Performance Injury Care & Sports Medicine (PICSM)

AMSSM is not responsible for the planning, content or speakers of this program. This program is not an AMSSM educational activity. CME Credit is not available. By registering for an Industry-Sponsored Symposium AMSSM will share your contact information with the company for follow-up.

SATELLITE EDUCATION PROGRAM

Presented by Tenex Health

**Registration Required
No Fee**



MAX: 500 PARTICIPANTS

Register online to secure an available spot.

INDUSTRY-SPONSORED SYMPOSIUM

Saturday, April 10, 2021

8:00-10:30am PT (11:00am-1:30pm ET)

Tenex Health Tx[®] System: A Powerful, Precise, and Life-Changing Technology to Treat Soft and Hard Tissue Pathology

During this session, participants will receive a virtual, interactive update on the status of the safety, efficacy and expanding indications of this novel image-guided procedure to treat symptomatic soft and hard tissue pathology without the need for invasive surgery. Thought leaders will also share their experiences with the Tenex Health TX[®] System with an emphasis on procedural tips to allow preparation for a virtual, interactive cadaver course, starting immediately thereafter. The cadaveric workshop will be led by lab instructor(s) experienced in the use of the TX System for all anatomic applications. The session will utilize state-of-the-art production software for participants to join interactively via their smart phone, tablet, or PC. In essence, the interactive session comes to you!

PRESENTATION OBJECTIVES:

- Examine the role of TX System in practice
- Introduce the new TX-Bone MicroTip with its expanding applications
- Provide experience on clinical outcomes
- Discuss patient selection and management
- Update regarding reimbursement
- Questions & answers with faculty

CADAVER LAB OBJECTIVES:

- Introduction to the ultrasonic cutting technology and its various indications
- Virtual, interactive, learning experience with the TX System and TX-Bone MicroTip
- Interactive session with faculty to optimize procedure and patient management

FEATURED SPEAKERS AND VIRTUAL LABORATORY PROCTOR:

Josh Hackel, MD
Adam Pourcho, DO

AMSSM is not responsible for the planning, content or speakers of this program. This program is not an AMSSM educational activity. CME Credit is not available. By registering for an Industry-Sponsored Symposium AMSSM will share your contact information with the company for follow-up.

VIRTUAL 2021 AMSSM 30th ANNUAL MEETING

APRIL 13-18, 2021



REGISTRATION FORM

REGISTRATION OPTIONS: PLEASE READ BEFORE COMPLETING REGISTRATION

One form must be completed for each registrant and payment must accompany the registration form. **Registration at the advance registration rate will be accepted until March 30, 2021. After that date, pre-registration will still be available through April 11, 2021 but the registration rates increase by \$50.00 and the fee is increased to \$100 for Just in Time Registration.**

Please [register online](#) to reserve a place at the Annual Meeting. You must be registered for the Annual Meeting to attend any of the optional educational activities, Ultrasound Procedural Skills Workshops, and/or pre-conferences. You have the option to pay by check or credit card when you register online. If you pay by credit card, a receipt will be generated upon completion of your online registration. PLEASE NOTE: If you are registering for any optional educational activities or pre-conferences, your online registration not only ensures availability but also reserves your place in the requested activity. If you register online and indicate you are paying by check, please include a printed copy of the online registration received through email when mailing your payment to the AMSSM office.

OR, you can print and return this registration form along with your payment to the AMSSM office by fax or U.S. Mail. This method is not recommended if you want to register for the optional educational activities, Ultrasound Procedural Skills Workshops or pre-conferences. PLEASE NOTE: You will only be charged for the optional educational activities that are available at the time your registration form is received.

REGISTRATION INFORMATION (Mailing address listed below will be used on the participants' list)

Full Name: _____
 Company/Affiliation: _____
 Address Line 1: _____
 Address Line 2 (if needed): _____
 City: _____ State/Province: _____ Postal Code: _____ Country (If other than U.S.A.): _____
 Home Phone: _____ Cell Phone: _____

REGISTRANT WILL BE SENT A RECEIPT AND REGISTRATION CONFIRMATION TO THE EMAIL ADDRESS(ES) LISTED BELOW:

Registrant's Email Address:

For reimbursement purposes, please email an additional receipt to:

REGISTRATION FEES • ADVANCE REGISTRATION DEADLINE: March 30, 2021

	By March 30, 2021	By April 11, 2021	Just in Time Registration	Amount Enclosed
AMSSM Member (Active, Associate, Affiliate)	\$375.00	\$425.00	\$475.00	\$ _____
AMSSM Fellowship Member (AMSSM member currently in a sports medicine fellowship)	\$337.50	\$387.50	\$437.50	\$ _____
AMSSM Resident Member	\$337.50	\$387.50	\$437.50	\$ _____
AMSSM Student Member	\$112.50	\$162.50	\$212.50	\$ _____
AMSSM International Member (Residing Outside USA)	\$281.25	\$331.25	\$381.25	\$ _____
AMSSM Emeritus Member	\$112.50	\$162.50	\$212.50	\$ _____
Non-Member International Attendee (Outside USA)	\$450.00	\$475.00	\$550.00	\$ _____
Non-Member Physician (Residing in the USA)	\$637.50	\$687.50	\$737.50	\$ _____
Non-Member Non-Physician	\$375.00	\$425.00	\$475.00	\$ _____

MAKING YOUR DONATION TO THE AMSSM FOUNDATION

☐ I want to make a donation to the AMSSM Foundation – Please select your gift designation below:.....\$ _____

- ☐ Unrestricted
- ☐ Education
- ☐ Research
- ☐ Humanitarian
- ☐ Anderson Memorial Fund (Supports Teaching/Education)
- ☐ Davenport Memorial Scholarship (Supports unrepresented minorities)
- ☐ Galen Society Medical Student Scholarship (Supports medical student scholarships)
- ☐ Halpern Family Fund (Supports service projects)

You can also make a donation to the AMSSM Foundation online – [Make your gift here on the Foundation website.](#)

AAFP PRESCRIBED CREDIT

AAFP Prescribed Credit..... NO FEE

AMA PRA CATEGORY 1 CREDITS™☐ AMA PRA Category 1 Credit™ (\$25 fee)..... \$_____

PLEASE NOTE: IF YOU REPORT YOUR CME TO THE AAFP, ABFM or AOA, YOU DO NOT NEED TO ADD THIS \$25.00 FEE TO YOUR REGISTRATION. In order to receive AMA PRA Category 1 Credit™, please check here and include the \$25 fee with your meeting registration payment. Physicians requesting the AMA PRA Category 1 Credit™ will need to complete the AMSSM Attestations form to report your attendance and return this form to joanb@amssm.org no later than 28 days after the Annual Meeting. From the credits claimed on the Attestations form, AMSSM will submit your AMA PRA Category 1 Credits™ to the Medical College of Wisconsin (our A.M.A. Accredited Provider). Then 4-6 weeks later, you will receive a link to print off your certificate.

ONLY INCLUDE THE \$25 FEE IF YOU NEED AMA PRA CATEGORY 1 CREDITS™ – THIS FEE CANNOT BE REFUNDED.

MOC PART 2 CREDIT FOR ABIM AND/OR ABP☐ MOC Part 2 Credit for ABIM and/or ABP (\$15.00 fee)..... \$_____

To report your MOC Part 2 Credit for ABIM and/or ABP, please enter your Date of Birth (MM/DD format): _____

PLEASE NOTE: IF YOU REPORT YOUR CME TO THE AAFP, ABFM OR AOA, YOU DO NOT NEED TO ADD THIS \$15 FEE TO YOUR REGISTRATION.

In order to receive MOC Part 2 Credit for ABIM and/or ABP, you must complete ALL of the following::

- 1) Check this box to register for the MOC Part 2 Credit AND include \$15 reporting fee with your registration payment.
- 2) Complete the online pre-test before the Annual Meeting begins.
- 3) Complete the AMSSM Attestations form to report your attendance and return the form to joanb@amssm.org no later than 28 days after the Annual Meeting.
- 4) Complete the online post-test (post- test score must meet or exceed the desired 70% threshold to receive the MOC Part 2 Credit for ABIM and/or ABP).

From the credits claimed on the Attestations form, AMSSM will submit your MOC Part 2 Credit for ABIM and/or ABP to the Medical College of Wisconsin (our Accredited Provider) who will subsequently report your MOC Part II Credit, either to the ABIM and/or ABP.

ONLY INCLUDE THE \$15 FEE IF YOU NEED THE MOC PART 2 CREDIT FOR ABIM AND/OR ABP – THIS FEE CANNOT BE REFUNDED.

OPTIONAL EDUCATIONAL SESSIONS – PLEASE CHECK APPLICABLE BOXES TO REGISTER FOR THESE OPTIONAL SESSIONS**TUESDAY, APRIL 13, 2021****2021 AMSSM CRN SUMMIT: EXERCISE IS MEDICINE AND PHYSICAL ACTIVITY PROMOTION**

Please Note: The 2021 AMSSM CRN Summit runs concurrently with the Fundamentals of Sports Ultrasound Pre-Conference. You may register for both concurrent sessions below. However, CME credit can only be claimed for one session during a specific time slot.

	Time of Session	Member Fee	Non-Member Fee	Amount Enclosed
☐ 2021 AMSSM CRN Summit – Exercise Medicine and Physical Activity Promotion	8:00am-1:00pm PT (11:00am-4:00pm ET)			
	By March 30, 2021	\$ 50.00	\$100.00	\$ _____
	By April 11, 2021	\$ 75.00	\$125.00	\$ _____
	Just in Time Registration	\$100.00	\$150.00	\$ _____

SPORTS ULTRASOUND PRE-CONFERENCES

Please Note: Fundamentals of Sports Ultrasound runs concurrently with the 2021 AMSSM CRN Summit and the Advanced Sports Ultrasound Pre-Conference runs concurrently with the S.M.A.R.T.–E.S.T. Workshop. You may register for all concurrent sessions below. However, CME credit can only be claimed for one session during a specific time slot.

Please indicate below if you want to register for one (or both) of the Sports Ultrasound Pre-Conferences:

Sports Ultrasound Pre-Conferences

	Time of Session	Member Fee	Non-Member Fee	Amount Enclosed
☐ Fundamentals of Sports Ultrasound: Hip and Knee Pre-Conference	7:30am-12:00pm PT (10:30am-3:00pm ET)	\$250.00	\$400.00	\$ _____
☐ Advanced Sports Ultrasound Pre-Conference	1:00-5:45pm PT (4:00-8:45pm ET)	\$250.00	\$400.00	\$ _____

ULTRASOUND PROCEDURAL SKILLS WORKSHOPS

	Time of Session	Member Fee	Non-Member Fee	Amount Enclosed
WEDNESDAY, APRIL 14, 2021				
☐ US PROCEDURAL SKILLS WORKSHOP #1 Posteriolateral Knee Ultrasound	7:00-8:00am PT (10:00-11:00am ET)	\$75.00	\$100.00	\$ _____
THURSDAY, APRIL 15, 2021				
☐ US PROCEDURAL SKILLS WORKSHOP #2 Anterior Elbow Ultrasound	6:45-7:45am PT (9:45-10:45am ET)	\$75.00	\$100.00	\$ _____
FRIDAY, APRIL 16, 2021				
☐ US PROCEDURAL SKILLS WORKSHOP #3 Sports Trauma Ultrasound	6:45-7:45am PT (9:45-10:45am ET)	\$75.00	\$100.00	\$ _____

TOTAL for Ultrasound Procedural Skills Workshops Registration..... \$ _____

TUESDAY, APRIL 13, 2021 *continued*

OPTIONAL EDUCATIONAL SESSIONS – PLEASE CHECK APPLICABLE BOXES TO REGISTER FOR THESE OPTIONAL SESSIONS

S.M.A.R.T.–E.S.T. WORKSHOP (Sideline Management Assessment Response Techniques Workshop – Emergency Sports Trauma Workshop)

Please Note: The S.M.A.R.T.–E.S.T. Workshop runs concurrently with the Advanced Sports Ultrasound Pre-Conference. You may register for both concurrent sessions. However, CME credit can only be claimed for one session during a specific time slot.

	Time of Session	Fellow/Resident/Student Members Fee	Member Fee	Non-Member Fee	Amount Enclosed
☐ S.M.A.R.T. – E.S.T. WORKSHOP	2:00-5:00pm PT (5:00-8:00pm ET)	\$25.00	\$100.00	\$125.00	\$ _____

IF REGISTERING FOR THE S.M.A.R.T. – E.S.T. WORKSHOP, PLEASE ANSWER THE QUESTION BELOW:

Of the twelve topic sessions listed below, please rank the six topic sessions you want to attend in ranked order based on your preference by entering 1 = your 1st Choice (Most Desired), 2 = your 2nd Choice (2nd Most Desired), 3 = 3rd Choice (3rd Most Desired), 4 = 4th Choice (4th Most Desired), 5 = 5th Choice (5th Most Desired) and 6 = 6th Choice (6th Most Desired). Your placement in the six sessions will be based on your ranked order and availability of the session(s) when your registration is processed.

Rank the Six Topics You Want to Attend in Ranked Order 1-6	Session	Topics Covered
# _____	A	Ocular/Orbital Injuries
# _____	B	Dental Fractures/Avulsions
# _____	C	Facial Lacerations/Regional Anesthesia
# _____	D	Ear Lacerations/Auricular Hematomas
# _____	E	Nasal Emergencies
# _____	F	Advanced Airway Management
# _____	G	On-Field Management of the Spine-Injured Athlete\
# _____	H	Sideline Concussion Assessment
# _____	I	Sideline Management of Upper Extremity Fractures and Dislocations
# _____	J	Sideline Management of Lower Extremity Fractures and Dislocations
# _____	K	Cardiac Concerns/AED Utilization
# _____	L	Environmental Emergencies (e.g. hypothermia, hyperthermia, tourniquet application)

WEDNESDAY, APRIL 14, 2021

REGENERATIVE MEDICINE SYMPOSIUM: HOW TO ADD OR EXPAND YOUR ORTHOBIOLOGIC PRACTICE

Please Note: The Regenerative Medicine Symposium Pre-Conference runs concurrently with the Research Pre-Conference (Transforming Your Clinical Question into a Successful Research Project). You may register for both concurrent sessions. However, CME credit can only be claimed for one session during a specific time slot.

	Time of Session	Member Fee	Non-Member Fee	Amount Enclosed
☐ REGENERATIVE MEDICINE SYMPOSIUM: HOW TO ADD OR EXPAND YOUR ORTHOBIOLOGIC PRACTICE	9:15am-1:00pm PT (12:15-4:00pm ET)	\$200.00	\$250.00	\$ _____

Participants will need to pre-register for the two breakout sessions by selecting your top three ranked choices for each breakout session on your registration form. Placement of each participant in the two breakout sessions is based on the participant's top three ranked choices and availability when their registration was processed.

On the registration form, you will need to indicate your top three ranked choices for each Breakout Session where you would enter "1" for your most desired breakout session, "2" for your 2nd most desired breakout session and "3" for your 3rd most desired breakout session.

Ranked Preference	Session
Rank Top 3/Session	1st BREAKOUT SESSION
_____	#1: How to Add MSC's (BMAC and MFAT) into My Practice?
_____	#2: Approach to Elite and Professional Athletes with Orthobiologics
_____	#3: How Do I Collect Meaningful Cellular and Outcome Data on my Patients Without Compromising Efficiency?
_____	#4: Tips for Harvesting Adipose Tissue for MSC procedures
Rank Top 3/Session	2nd BREAKOUT SESSION
_____	#5: Tips for Harvesting Bone Marrow Aspirate for MSC Procedures
_____	#6: How Do I Maintain a Regenerative Medicine Practice and Make Sure I am Compliant with FDA/FTC?
_____	#7: When to Use Traditional Prolotherapy Techniques in Regenerative Medicine?
_____	#8: What Are the Best Types of PRP for Different Pathologies (muscle, tendon, ligament, joint)?

TRANSFORM YOUR CLINICAL QUESTION INTO A SUCCESSFUL RESEARCH PROJECT: A RESEARCH PRE-CONFERENCE FOR MEMBERS

Please Note: The Research Pre-Conference (Transforming Your Clinical Question into a Successful Research Project) runs concurrently with the Regenerative Medicine Symposium Pre-Conference. You may register for both concurrent sessions. However, CME credit can only be claimed for one session during a specific time slot.

Name of Optional Event	Time of Event	Member Fee	Non-Member Fee	Amount Enclosed
☐ TRANSFORM YOUR CLINICAL QUESTION INTO A SUCCESSFUL RESEARCH PROJECT: A RESEARCH PRE-CONFERENCE FOR MEMBERS	9:35-11:15am PT (12:35-2:15pm ET)	\$25.00	N/A	\$ _____

TOTAL PAYMENT ENCLOSED

TOTAL for Optional Activities..... \$ _____

SATURDAY, APRIL 17, 2021

Virtual Fellowship Fair Registration - (Registration Section To Be Completed By Fellowship Programs Only)

The Fellowship Director OR Assistant Fellowship Director must register to attend the Annual Meeting and will also need to complete this Fellowship Fair registration section in order for your Sports Medicine Fellowship Program to have a booth in the Virtual Fellowship Fair.

Virtual Fellowship Fair • Saturday, April 17, 2021 • 7:00-8:45am PT (10:00-11:45am ET)

- ☐ Yes, Register Our Sports Medicine Fellowship for the Virtual Fellowship Fair..... NO FEE
- ☐ I am the Sports Medicine Fellowship Director ☐ I am the Sports Medicine Fellowship Assistant Director

Your Sports Medicine Fellowship Program Will Be Listed Exactly as Entered Below.

Name of Sports Medicine Fellowship Program: _____

City and State of Fellowship Program: _____

You will receive email confirmation that your Sports Medicine Fellowship Program has been registered for the 2021 Virtual Fellowship Fair. Participating Sports Medicine Fellowship Programs will be assigned to a region and given instructions on setting up their program on the Eventmobi Annual Meeting App/Virtual Platform.

INDUSTRY-SPONSORED SYMPOSIUMS (OPTIONAL): Please check applicable box(es) to register for events

By registering for an Industry-Sponsored Symposium, AMSSM will share your contact information with the company for follow-up.

INDUSTRY-SPONSORED SYMPOSIUMS (OPTIONAL) • WEDNESDAY, MARCH 24, 2021

Optional Session	Time of Session	Member Fee	Non-Member Fee	Amount Enclosed
☐ Bioventus LLC <i>Why All HAs Are Not The Same: Treatment Options For Knee OA</i>	5:00-6:00pm PT (8:00-9:00pm ET)	NO FEE	NO FEE	NO FEE

INDUSTRY-SPONSORED SYMPOSIUMS (OPTIONAL) • THURSDAY, MARCH 25, 2021

☐ FUJIFILM SonoSite, Inc. <i>Practical Sports Ultrasound Protocols Featuring Live Scanning</i>	5:00-6:00pm PT (8:00-9:00pm ET)	NO FEE	NO FEE	NO FEE
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INDUSTRY-SPONSORED SYMPOSIUMS (OPTIONAL) • TUESDAY, MARCH 30, 2021

☐ Flexion Therapeutics, Inc. <i>See the Pros Go Knee to Knee!</i>	5:00-6:00pm PT (8:00-9:00pm ET)	NO FEE	NO FEE	NO FEE
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INDUSTRY-SPONSORED SYMPOSIUMS (OPTIONAL) • TUESDAY, APRIL 6, 2021

☐ Össur Americas <i>Keep Your Knee OA Patients Moving with New Treatment Protocols and Recently Published Research!</i>	5:00-6:00pm PT (8:00-9:00pm ET)	NO FEE	NO FEE	NO FEE
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INDUSTRY-SPONSORED SYMPOSIUMS (OPTIONAL) • THURSDAY, APRIL 8, 2021

☐ Samsung <i>Ultrasound Evaluation of Scapular Dyskinesia</i>	5:00-6:00pm PT (8:00-9:00pm ET)	NO FEE	NO FEE	NO FEE
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INDUSTRY-SPONSORED SYMPOSIUM (OPTIONAL) • SATURDAY, APRIL 10, 2021

☐ Tenex Health <i>Tenex Health TX® System: A Powerful, Precise, and Life-Changing Technology to Treat Soft and Hard Tissue Pathology</i>	8:00-10:30am PT (11:00am-1:30pm ET)	NO FEE	NO FEE	NO FEE
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REFUND POLICY AGREEMENT BY ATTENDEE AND METHOD OF PAYMENT

COURSE REFUND POLICY: All refunds must be submitted in writing or emailed to AMSSM ([Registration](#)) by March 30, 2021. No refunds will be issued after that date. Refunds will be processed following the meeting and will be subject to a \$100 processing fee. If registering by mail and any optional educational activity requested are not available, you will be contacted to select an alternative option. The planners and sponsors of this event claim no liability for the acts of any supplier(s) to this meeting, or for the safety of any attendee at or while in transit to this event. The planners and sponsors reserve the right to cancel this event without penalty. The total amount of any liability of the planners and sponsors will be limited to a refund of the registration fee.

☐ I agree and accept the refund policy as stated above.

Signature:

PLEASE NOTE: For Direct Deposit Payment Requests – Please contact [Kristin Ragsdale](#) prior to making a payment in this manner.

☐ Check (payable to AMSSM in U.S. Dollars) Fed ID: 39-1715104 ☐ Visa ☐ MasterCard ☐ Discover ☐ American Express

Credit Card Number: _____ Expiration Date (mm/yy): ____ / ____

Name on Credit Card: _____

Billing Address: _____

Billing Address City: _____ Billing Address State: _____ Billing Address Postal Code: _____

CVV (last 3 digits on the back; 4 digits on the front of AMEX): _____

Signature: _____

FOR MORE INFORMATION AND TO RETURN COMPLETED REGISTRATION/PAYMENT:



American Medical Society for Sports Medicine
4000 West 114th Street, Suite 100 Leawood, KS 66211
(913) 327-1415 (Phone) • (913) 327-1491 (Fax)
kragdale@amssm.org
www.amssm.org

[Secured online registration is available](#)

(Members: Please login first, then click link above.)