Connecting People, Changing the World

On behalf of the Association of Academic Physiatrists (AAP) and International Society of Physical & Rehabilitation Medicine (ISPRM) organizing committees, it is our pleasure to invite you to the international physiatry event of the year — ISPRM 2020 in Orlando, Florida, USA!

You will, of course, discover the latest in education, clinical techniques, research, technology and more. Yet, it is the ‘people’ — the physiatrists, educators, mentors, researchers, patient advocates and achievers from over 50 countries — who will make this a truly historic event. Together, we can and will change the world.

The AAP represents over 1,900 physical medicine and rehabilitation (PM&R) professionals dedicated to advancing academic practice, research and education. The ISPRM serves as the global agency for our specialty, representing 67 countries and more than 35,000 members worldwide.

These two influential societies have created an out-of-this-world conference, and you have the golden opportunity to experience it. Do you want …

• … to affect change at your institution or practice?
• … to provide the highest quality care to your patients?
• … to become a more effective educator, scientist and leader?
• … to hear firsthand about research that is shaping the future?
• … to lay the foundation for your dream career?
• … to meet people who will help you achieve your goals?
• … to know how our specialty will grow for many years to come?

Dedicate this time to yourself and you will achieve all of that and more. We promise you that ISPRM 2020 will be dynamic, stimulating and forward-thinking. Join us and be a part of lively conversations, passion-fueled sessions and networking events. Most importantly, join our global community of physiatrists and rehabilitation experts and choose to engage, challenge and learn with the vision to change the world!

Until We Meet in Orlando,

John Chae, MD, ME
Congress President, ISPRM 2020
Chair and Professor of PM&R, Case Western Reserve University
Director, MetroHealth Rehabilitation Institute

Gerard Francisco, MD
Chair, ISPRM Congress Scientific Committee
Chair and Professor of PM&R, McGovern Medical School at UT Health
Chief Medical Officer, TIRR Memorial Hermann Hospital

Mooyeon Oh-Park, MD, MS
Chair, AAP Program Committee
SVP & Chief Medical Officer, Burke Rehabilitation Hospital Professor of Rehabilitation Medicine, Albert Einstein College of Medicine/ Montefiore
Welcome to Orlando —
The City Beautiful

Orlando is the most visited destination in the United States — and for good reason! With sunny year-round weather, award-winning restaurants and chefs at every turn, and world-class entertainment, you’ll have an unforgettable time with your AAP and ISPRM families. Here are some of the unique thrills you can experience:

• AS THE THEME PARK CAPITAL OF THE WORLD®, immerse yourself in endless adventures at Walt Disney World® Resort, Universal Orlando Resort™, SeaWorld® Orlando, LEGOLAND® Florida Resort and more.

• FILL UP ON THE EXPANSIVE DINING OPTIONS, where you can dine with celebrity chefs that bring global cuisines and farm-to-table dishes to life.

• SOAK IN THE SUN with airboat tours, ziplining, golfing, hiking, scuba diving, kayaking and much more.

• STROLL THROUGH A VIBRANT ENTERTAINMENT DISTRICT where live music, high-energy dance clubs, sleek lounges, side-splitting comedy and more never ends.

• THE ARTS COME ALIVE IN ORLANDO! From the Dr. Phillips Center for Performing Arts to the Orlando Museum of Art and Cornell Fine Arts Museum, prepare to be awed.

ISPRM 2020 offers unbiased, actionable insights on the trends and tools that are shaping our specialty around the globe.

Take part in educational sessions, lively networking events and spontaneous meet-and-greets.

Schedule at a Glance

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<td>FRIDAY, MARCH 6</td>
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<td>Poster Gallery Reception, Opening Ceremony &amp; Welcome Reception</td>
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<tr>
<td>SATURDAY, MARCH 7</td>
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<td>SUNDAY, MARCH 8</td>
<td>Exhibit Hall Open, AAP Annual Member Caucus &amp; Awards, Educational Sessions, Plenary Speakers</td>
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<td>ISPRM Assembly of Delegates, Poster Gallery Reception, ISPRM 2020 Signature Networking Event</td>
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<td>MONDAY, MARCH 9</td>
<td>Educational Sessions, Sidney Licht Lecture &amp; Closing Ceremony, RMSTP Paper Presentations</td>
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Visit www.isprm2020.com for the most up-to-date schedule and news!

Airport Code: MCO
Currency: $ USD
Time Zone: EST

BUILD YOUR TRIP AT www.VisitOrlando.com!
Plenary Speakers

These thought leaders bring big ideas that can influence your research, education, practice and career.

- Victor Dzau, MD
  - Saturday, March 7, 2020, 9:15AM-9:45AM
  - President of the National Academy of Medicine
  - Professor of Medicine and Pathology at Duke University School of Medicine

- Peter Agre, MD
  - Saturday, March 7, 2020, 9:45AM-10:15AM
  - Bloomberg Distinguished Professor at Johns Hopkins University
  - Director of Johns Hopkins Malaria Research Institute
  - 2003 Nobel Prize in Chemistry

- Alarcos Cieza, PhD, MPH
  - Sunday, March 8, 2020, 1:30PM-2:00PM
  - Coordinator of Blindness and Deafness Prevention, Disability and Rehabilitation at the World Health Organization (WHO)

- Quinn Capers, MD
  - Friday, March 6, 2020, 9:45AM-10:15AM
  - Interventional Cardiologist, Professor of Medicine and Vice Dean of Faculty at The Ohio State University

- DeLis Lecture
  - To be revealed in October 2019!
  - Monday, March 9, 2020, 11:30AM-1:00PM
  - The Sidney Licht Lectureship Award is given annually to a physiatrist that has made consistent contributions to the advancement of international physical and rehabilitation medicine. Stay tuned to find out who will deliver this year’s prestigious lecture.

- Sidney Licht Lecture
  - Aquaporin Water Channels: From Atomic Structure to Clinical Medicine

- Implicit Bias
  - The WHO is Listening: How Can We Bring ‘Health Systems Thinking’ to the Minds & Actions of Rehabilitation Practitioners?

67 Years of Mentorship, Leadership and Discovery

The MetroHealth Rehabilitation Institute in Cleveland was one of the first facilities in the nation dedicated solely to rehabilitation. Our institution continues to lead the way in rehabilitation research and education, while improving care for the most complex and disabling injuries and illnesses.

- Neurorehabilitation – one of only 14 centers in the nation designated as a Model System Center for spinal cord injury care.
- Research – No. 2 in the nation for National Institutes of Health funding for rehabilitation research.
- Innovation – new technology that uses electrical stimulation to improve arm and leg function after stroke and spinal cord injury.
- Education – residency training program and fellowships in brain injury, spinal cord injury and pain medicine.

John Chae, MD
- Co-Director, MetroHealth Rehabilitation Institute
- Past President, Association of Academic Physiatrists
- Member, National Academy of Medicine

P. Hunter Packham, PhD
- Co-Director, MetroHealth Rehabilitation Institute
- Member, National Academy of Engineering

To learn more about the MetroHealth Rehabilitation Institute, visit metrohealth.org/rehab or call 216-778-3776.
UN Focal Point on Disability

RehabUtopia: Strengthening Rehabilitation Services through Patient-Centered Organization & Evidence Implementation

Plenary Speakers cont.

DER-SHENG HAN, MD
SATURDAY, MARCH 7, 2020, 2:00PM-2:30PM
• Medical Director at the National Taiwan University Hospital Beihu Branch
• Associate Professor at the National Taiwan University College of Medicine

Sarcopenia: Diagnosis, Comorbidities & Management

AKIKO ITO, PHD
SUNDAY, MARCH 8, 2020, 8:30AM-9:00AM
• Chief of Secretariat for the Convention on the Rights of Persons with Disabilities at the United Nations

UN Focal Point on Disability

CARLOTTE KIEKENS, MD
SUNDAY, MARCH 8, 2020, 2:00PM-2:30PM
• Field Coordinator for Cochrane Rehabilitation
• Head of Physical & Rehabilitation Medicine Clinic at the University Hospitals Leuven, Belgium

RehabUtopia: Strengthening Rehabilitation Services through Patient-Centered Organization & Evidence Implementation

AKIKO ITO, PHD
SUNDAY, MARCH 8, 2020, 8:30AM-9:00AM
• Chief of Secretariat for the Convention on the Rights of Persons with Disabilities at the United Nations

KAREN NAKAMURA, PHD
SATURDAY, MARCH 7, 2020, 1:30PM-2:00PM
• Distinguished Chair of Disability Studies and Professor of Anthropology at the University of California, Berkeley

Disability and the Promise of Technology – Eugenics, Prosthetics, and Artificial Intelligence in Japan and the United States

THOMAS RANDO, MD, PHD
FRIDAY, MARCH 6, 2020, 9:15AM-9:45AM
• Professor of Neurology & Neurological Studies and Deputy Director of the Stanford Center on Longevity at Stanford University
• Director of Rehabilitation Research & the Development Center of Excellence at the Palo Alto VA Medical Center

Regenerative Rehabilitation: Physical Activity & Stem Cell Therapeutics for the Treatment of Muscle Damage

AMY WAGNER, MD
FRIDAY, MARCH 6, 2020, 1:30PM-2:00PM
• Professor, Vice Chair for Faculty Academic Development, Director of Translational Research and Director of the Brain Injury Medicine Fellowship at the University of Pittsburgh

Exploring Precision Medicine Opportunities Using the Rehabilomics Research Model: A TBI Exemplar

THE NAME IS NEW, THE OUTCOMES REMAIN JUST AS GREAT.

CRAIG H. NEILSEN REHABILITATION HOSPITAL IS EXCITED TO WELCOME YOU TO THE ISPRM CONFERENCE IN ORLANDO, FL, AND JUST AS EXCITED TO SHARE THE LATEST DEVELOPMENTS OF THE NEW HOSPITAL, OPENING SPRING 2020.

The Neilsen Rehabilitation Hospital will be the preeminent destination in the mountain west for patients recovering from and adjusting to life-altering injuries and conditions. This advanced facility will provide a healing environment designed to facilitate and improve quality of life for patients after they return home. The new building will provide state-of-the-art rehabilitation services, including:

• access to world-renowned physicians and clinicians
• an invigorating outdoor therapy terrace and smart technology patient rooms
• a spacious, welcoming therapy gym with features unique to rehabilitation
• inpatient beds with expansive views of the picturesque Salt Lake Valley

For more information on our services, visit:

uofuhealth.org/neilsen or call 801.581.3639
This is a unique opportunity to meet physiatry and rehabilitation experts from over 50 countries — and we’re helping you create those career-building connections with these organized events.

### Signature Networking Events

**Opening Ceremony & President’s Welcome Reception**

**FRIDAY, MARCH 7, 2020, 7:00PM - 9:00PM**  
ROSEN SHINGLE CREEK  
Kick off ISPRM 2020 at our opening ceremony and welcome reception, hosted by AAP President Adam Stein, MD and sponsor Northwell Health! Experience live entertainment (to be revealed) then mix and mingle with peers and mentors around the globe as you enjoy hors d’oeuvres, cocktails and exhibitors.

**Signature Networking Event**

**SUNDAY, MARCH 8, 2020, 7:00PM – 10:00PM**  
SEAWORLD ORLANDO, 7007 SEA WORLD DR., ORLANDO, FL 32821  
$130 PER PERSON  
Every year, the ISPRM World Congress features a phenomenal night out — and this year’s event will not disappoint. Join us and SeaWorld’s Animal Ambassadors for a reception and dinner overlooking a lushly landscaped garden, followed by a private Sea Lion and Otter Show. Take in the sights and informal connection with your fellow attendees! Dress casually and bring comfortable shoes to walk from dinner to the show.

**Resident & Fellow Networking Night**  
**SATURDAY, MARCH 7, 2020, 7:00PM-8:30PM**  
TOPGOLF, 9295 UNIVERSAL BLVD., ORLANDO, FL 32819  
Kick back and have a few laughs as you make lifelong connections with your PM&R peers. Enjoy food, drinks and friendly competition as you show off your swing at Topgolf Orlando. Thank you to our event sponsor Allergan for their longstanding support!

### Other Opportunities to Connect & Collaborate

**Fellowship & Job Fair**

**THURSDAY, MARCH 5, 2020, 5:30PM - 7:00PM**  
Looking for a new challenge or weighing different career paths? Speak to more than 35 institutions recruiting for a variety of open positions, including fellowships!

**Poster Gallery Receptions**

**FRIDAY, MARCH 6, 2020, 6:00PM-7:00PM**  
**SATURDAY, MARCH 7, 2020, 6:00PM-7:00PM**  
**SUNDAY, MARCH 8, 2020, 6:00PM-7:00PM**  
Discover cutting-edge research studies and case reports as you interact with PM&R residents and leading researchers. With over 1,500 posters being presented, you are sure to walk away with new ideas and collaborations! Refreshments will be served.

**Town Halls & Round Table Discussions**  
Build connections, share ideas and get insights into challenges that lie ahead in our informal town halls and round table discussions!

**Exhibit Hall Refreshments & Lunch**  
Get to know institutions and organizations that are offering innovative programs, services and products for physiatry and rehabilitation. From all-day beverage services to a signature lunch, we’re making it easy for you to improve education and patient care. Join us for complimentary lunch on Saturday, March 7, 2020!

**Breakfast & Lunch Symposia**  
Fill your stomach and your mind at one of our sponsored breakfast or lunch symposia! Topics and times will be announced. Space is limited, so keep an eye out for opportunities to reserve your spot.
Musculoskeletal Ultrasound in PM&R: The Certified Basics

Wednesday, March 4, 2020, 8:00am-5:00pm & Thursday March 5, 2020, 8:00am-12:00pm

Rochelle Dju, MD, Levent Ozcakar, MD

In this intensive workshop, you will learn theoretical approaches of musculoskeletal ultrasound, discuss the advantages and disadvantages of its use as a diagnostic tool, recognize the ultrasonographic appearance of various normal tissues, and receive hands-on training in imaging. An experienced sonographer will demonstrate examinations of the shoulder, elbow, wrist-hand, hip, knee and ankle-foot, and participants will perform ultrasonography themselves under supervision of the instructors. You will also receive a certificate upon completion!

Price: $500 for AAP & ISPRM members / $700 for non-members

Spasticity Management: Where Are We Now?

Thursday, March 5, 2020, 8:00am-5:00pm

Gerard Francois, MD, Michael Croemer, DO, Alberto Esquenazi, MD, Sheng Li, MD, PhD, Alessandro Picelli, MD, PhD, Andrea Santamato, MD, Michael Saulino, MD, PhD

Join us to learn about the latest advances in spasticity management! You will dive deep into topics such as the Tardieu Method, safety and efficacy of phenol as a spasmolytic, utility of anesthetic nerve block in spasticity, the effect of intrathecal baclofen and botulinum toxin therapy, extracorporeal shock wave therapy, cryoneurotomy, neurectomy, laser neurotomy, surgical microvascular pathways with percutaneous laser neurotomy and cymoneurotomy laser neurotomy, surgical microvascular neurotomy, and bedside needle tenotomy. Our international faculty will prepare you for a new era in care.

Price: $99 for AAP & ISPRM members / $149 for non-members

Neurology & Trauma: Revolutionizing Spasticity Care through Neuro-Orthopedics

Thursday, March 5, 2020, 8:00am-12:00pm

Thierry Deltombe, MD, François Genêt, MD, PhD, Thierry Gustin, MD, Emily Krauss, MD, Franco Molteni, PhD, Paul Winston, MD

Our presenters will take you on a journey of novel groundbreaking interventions for the management of spasticity. Using the screening tool of the diagnostic anesthetic nerve block, they will demonstrate multiple pathways with percutaneous laser neurotomy and cymoneurotomy laser neurotomy, surgical microvascular neurotomy, and bedside needle tenotomy. Our international faculty will prepare you for a new era in care.

Price: $99 for AAP & ISPRM members / $149 for non-members

Cochrane Rehabilitation: Cochrane Evidence Examine & Deploy (CREED)

Thursday, March 5, 2020, 8:00am-12:00pm

Thru Annawary, MD, William Levack, PhD, Antri Malmivuo, MD, PhD, Sabrina Paganoni, MD, PhD, Julia Patrick Engkasan, MD, John-Ross Rizzo, MD

This workshop will introduce you to the key principles of systematic review and meta-analysis of published research. Delivered through presentations and exercises, you will learn the basic skills to appraise systematic review and apply its evidence in the clinical setting. This presentation is designed for residents, specialists and other health professionals pivotal to healthcare decision-making.

Price: $99 for AAP & ISPRM members / $149 for non-members

Cancer Rehabilitation: Global Perspectives for Delivery of Care

Thursday, March 5, 2020, 8:00am-12:00pm

Viswah Roy, MJ, Even Atoabos, MD, Jennifer Bormo, MD, Cynthia Bennett, MD, Leighton Chan, MD, Andrea Cheville, MD, Christina de Brito, MD, PhD, Lynn Gerber, MD, Suzanne Gutiérrez Tessonniere, MD, Abderezak Hacigjou, MD, Monica Hu, MD, Joe-Ning Liao, MD, Fary Kho, MD, MBBS, Birgit Leibbrand, MD, Johann Li, MD, Christine MacDonell, FACRM, Monica Pinto, MD

Gain a broad exposure to topics relevant for the delivery of cancer rehabilitation internationally. These internationally renowned speakers will share their subject matter expertise in the administrative, clinical, and research aspects for cancer rehabilitation delivery.

Price: $99 for AAP & ISPRM members / $149 for non-members

Moving the Needle on Myofascial Pain Syndrome

Thursday, March 5, 2020, 1:00pm-5:00pm

Lynn Gerber, MD, Sechi Dellstefano, PT, ODT, Dinesh Kumbhare, MD, PhD, Vij Phan, PhD, Jay Shah, MD, Siddhartho Sivak, MD, John Sibley, DC, PhD, Antonio Stecco, MD, PhD

Myofascial Pain Syndrome (MPS) is common, confusing and challenging to manage. Discover new ideas about taxonomy, mechanisms including peripheral and central sensitization, limbic system dysfunction, how to objectify clinical findings in MPS to improve its evaluation and management, and more. This workshop will also summarize current practice and effectiveness of treatment of MPS.

Price: $99 for AAP & ISPRM members / $149 for non-members

Managing Swallowing Dysfunction & Dysphagia

Thursday, March 5, 2020, 1:00pm-5:00pm

Marilis Gonzalez-Fernandez, MD, PhD, Yoko Inamoto, MD, Phyuung-Mo Ky, MD, PhD, Eric Verin, MD

Treatment-oriented evaluation based on imaging and advances in the science of swallowing are transforming dysphagia rehabilitation. Swallowing function can be improved with exercise and understanding motor learning to promote performance change can improve patient outcomes. This workshop offers an approach to link evaluation and treatment to the underlying pathophysiology. You will divide into small groups to practice evaluation from videofluoroscopy (VF) and videodeendoscopy (VE) images and to generate treatment plans based on real clinical images.

Price: $199 for AAP & ISPRM members / $149 for non-members

Brain & Peripheral Nerve Stimulation for Post-Stroke Recovery

Thursday, March 5, 2020, 1:00pm-5:00pm

Gerard Franincsico, MD, Pablo Celnik, MD, Richard Wilson, MD

Discover how to implement peripheral nerve stimulation to relieve shoulder pain in stroke survivors using peripheral nerve stimulation techniques. You will hear the latest evidence regarding peripheral nerve stimulation, the benefits of rTMS and TDCS, vagal nerve stimulation, indications for treatment, and instructions on performing treatment.

Price: $199 for AAP & ISPRM members / $149 for non-members

Developing Quality & Process Improvement Projects

Thursday, March 5, 2020, 1:00pm-5:00pm

Leon Chandler, MD, Christopher Garrison, MD, MBA, James Sliva, DO

Demystify the Practice Improvement Project (PIP) process that is part of Maintenance of Certification (Part IV) for physiatry. You will get an overview of Quality/ Performance Improvement, including strategies for applying the process to everyday problems in clinical, research, academic and administrative settings. You will also get hands-on experience in developing your own QI/ PI projects in small groups with the help of expert faculty.

Price: $199 for AAP & ISPRM members / $149 for non-members
The AAP’s special interest workshops, made up of your academic peers, has put together an agenda of actionable sessions delivered by people who live and breathe the challenges and opportunities you face.

**Residency & Fellowship Program Directors (RFPD) Workshop**

This workshop keeps RFPD coming to the AAP Annual Meeting year after year — and this year will offer international networking! Come to connect, learn and grow your programs with best and novel practices. Program Coordinators are also welcome to join.

**Price:** $250 for AAP & ISPRM members/$400 for non-members

**WEDNESDAY, MARCH 4, 2020**
12:00pm-1:30pm
Accreditation Council for Graduate Medical Education (ACGME) Update
Caroline Fischer, MBA and Wendy Helkowski, MD

1:45pm-2:30pm
Resident & Fellow Recruitment Update
Michael Saulino, MD, PhD

**THURSDAY, MARCH 5, 2020**
8:00am-12:00pm
Unconscious Bias
Quinn Copen, MD

**Residents, Fellows & Medical Students Workshop**

**THURSDAY, MARCH 5, 2020**
8:00am-12:00pm
Daniel Cushmon, MD and Nathan Olafsen, MD

This half-day workshop will give you hands-on exposure to physiatric procedures — and it’s FREE with your resident, fellow or medical student registration! You will rotate through separate stations taught by expert PM&R faculty and gain skills that will help you excel in your training and career. The stations will include ultrasonography, electromyography, spasticity management and fluoroscopic procedures.

At the end of this workshop, you will have better hands-on knowledge of how to perform basic procedures and identify common physiatric procedures. Reserve your spot when you register!

**Price:** Free (registration is required)
Design Your ISPRM 2020 Experience

ISPRM 2020 offers stimulating plenary sessions that are designed to engage a diverse audience in strengthening the specialty of physiatry. We also feature speakers and presentations that showcase world-class research and off-the-press information about administration and education. We’ve organized the experience into 6 unique tracks:

**Clinical**
- Take new worldwide insights to practice with our clinical track, bringing you the sought-after topics in patient care.

**Academic & Research**
- Discover the best practices and latest trends in educational curricula, career development, research, and more.

**Spanish**
- We’re thrilled to present sessions designed by the Mexican Society of PM&R, AMLAR, and others for our Spanish-speaking participants. We’ll also have translation services for Spanish-speaking participants. We’ll have translation services for Spanish-speaking participants.

**Student, Resident & Fellow**
- Trainees, learn critical career development skills from your peers and leaders in the specialty.

**Technology**
- Learn the latest technological advances that can support your clinical care, research development and teaching.

**Administration**
- Find insights on building ongoing success for your program, department, institution, and the future of the specialty worldwide.

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**EDUCATIONAL SESSIONS 1**
8:00am-9:00am

**Implementing Innovative Curricula for Medical Students & Residents**
- Adam Stein, MD, Susan Molser, DO
  - Discover three innovative curricula at distinct levels of medical education: “Living with Physical Challenges”, “Implementing a Required Clinical Experience in a Third Year Curriculum” and “Implementing a Humanism Curriculum in a PM&R Residency.” You will gain novel ideas for curricula that have been successfully implemented at a millennial medical school and an existing residency program.

**Cardiac Rehabilitation (CR) in Non-Cardiak Patient Populations**
- Matthew Bixleris, MD, MPH, David Prince, MD
  - We will review the latest techniques of CR for outpatient and post-acute care rehabilitation of patients with musculoskeletal and neuromuscular diseases as well as for patients who present with ischemic heart disease and heart failure. Similarly, CR principles for patients in intensive care settings will be discussed. Special attention will be given to how to apply CR principles to patients at higher risk for cardiovascular diseases, including peripheral vascular disease and stroke.

**Navigating International Rehabilitation Research Collaborations**
- Kathleen Bell, MD, Thirtu Annaswamy, MD, Mohairi Ghebreahun, MD, Qing He Wang, MD, PhD
  - Rehabilitation-trained health care providers in developing countries are often sparse. Discuss issues related to the planning and performing of international collaborative research in physiatry relevant topics, coping with scarce resources, language and cultural barriers, ethical questions, and strategies to better frame research questions that would be beneficial to the global setting.

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**EDUCATIONAL SESSIONS 2**
11:00am-12:00pm

**Myofascial Pain Syndrome: Peripheral & Central Mechanisms**
- Dinesh Kumbhare, MD, PhD, Jay Shoh, MD, John Sibely, DC, PhD, Antonio Sterco, MD, PhD
  - Explore the basic and clinical research in the area of chronic myofascial pain. You will discover the contribution of central sensitization and neurogenic inflammation in the clinical manifestation of chronic myofascial pain, as well as the emerging role of the fascia.

**Prognosticating Recovery in Spinal Cord Injury**
- Steven Kirschlum, MD
  - Discuss parameters used to help prognosticate neurological recovery after traumatic spinal cord injury and predictive models for predicting walking.

**Musculoskeletal Ultrasound in PM&R: Diagnostics & Intervention**
- Levant Ozczakr, MD, Ricci Vincenzo, MD
  - Explore several aspects concerning the utility of ultrasound imaging in physiatry. You will participate in an in-depth discussion on concrete examples of how clinicians can implement this technique in their daily and academic practice.

**Muscle Strength Assessment in Rehabilitation**
- Joaquim Choler, MD, PhD, Federico Ansetti, Roser Garreta, MD, Merci Torro, MD
  - Get a thorough update of strength assessment methods including peripheral vascular disease and stroke.

**Prognosticating Recovery in Spinal Cord Injury**
- Steven Kirschlum, MD
  - Discuss parameters used to help prognosticate neurological recovery after traumatic spinal cord injury and predictive models for predicting walking.

** registers to our website.**
Regenerative Rehabilitation: Exploring New Frontiers
Walter Frontera, MD, PhD, Fabrisia Ambrosio, PhD, MPH, Joanne Borg-Stein, MD, PhD, Yu-Cheng Pei, MD, Simon Tang, MD
In the second session of this two-part series, you will learn opportunities, obstacles and challenges encountered in the clinical translation of Regenerative Rehabilitation. You will also participate in an interactive and moderated discussion between panel members and the audience to map a strategic plan for advancing the field.

Improving Outcomes with Chemodenervation Techniques
Alessandro Piccoli, MD, PhD, Andrea Sontornato, MD
Learn recent evidence-based data and expert consensus on optimizing chemodenervation technique to improve both patient-centered and technical outcomes.

PLENARY SPEAKER
Amy Wagner, MD
1:30pm-2:00pm

EDUCATIONAL SESSIONS 3
2:45pm-3:45pm

Medicinal Marijuana & Hemp in Rehabilitation Medicine: The Pediatric & Adult Experience
Tamaro Zagogain, MD, Amol Deshpande, Monisa Flavin, MD, Almehettta Olufa, MD, Maurice Sholos, MD, PhD, Pamela Wilson, MD
Join us as we review evidence from clinical literature and through discussions with experts to understand the role of medicinal marijuana and hemp use in pediatric and adult populations.

Knee Osteoarthritis: What Can I Offer You?
Fernando Sepulveda, MD, Amit Bhargava, MD, Michael DePalma, MD
Osteoarthritis (OA) of the knee is a common degenerative joint disease that causes debilitating pain and affects the quality of life. Discuss various treatments that have been documented (including medication, lifestyle, injections and surgery) and newer techniques.

From Bench to bedside: Plasticity in Human Neuroregeneration
Mark Hirsch, PhD, Patricio Heyn, PhD, Ted Khong Stang Ng, MD, PhD, Mark Newman, PhD, MPH, Erwin Van Wegen, PhD
Physical exercises and cognitive interventions have been shown to increase the concentration of peripheral brain-derived neurotrophic factor (BDNF) levels in the human brain with significant improvements in physical and/or cognitive functions. Discover the evidence underpinning the potential of BDNF as a biomarker and potential clinical outcome measures, as well as opportunities, pitfalls and recommendations for use.

Exercise & Epigenetic Modulation
Viviane Rostciolo Einer, PhD
Physical exercise is known to be a potent modulator of epigenetic markers, which is associated with the improvement of clinical-functional outcomes in different populations. Develop a deeper understanding of these topics, demonstrating how the practice of exercise can influence the behavior of genes in both healthy individuals and patients with chronic pathologies.

A Unified Model for Stroke Recovery & Rehabilitation
Preeti Roghovan, MD
Learn about recent efforts at the Johns Hopkins Sheikh Khalifa Stroke Institute to define and coordinate an intensive, strategic effort to develop effective stroke systems of care across the continuum by integrating operations, core outcome assessments, technology and education to facilitate the post-stroke recovery and restoration of function and quality of life to those affected.

Conservative Treatment of Hip Osteoarthritis
Marcelo Ribeiro, MD, PhD
Conservative strategies to control pain and improve functioning may be needed when total hip replacement is not available or indicated. Review the current evidence in rehabilitation interventions and research results related to the myofascial component of pain in the hip and neural block of the obturator nerve.

Clinical Implementation of Evidence-Based Orthobiology
Michael Bano, MD, James Borcher, MD
Gain a comprehensive, evidence-based approach to orthobiologics, specifically platelet-rich plasma (PRP) and cellular products, for treating osteoarthritis and tendinopathy. You will analyze the basic science and clinical outcomes, discuss differences in PRP preparation techniques, dispel popular misconceptions, and get a user-friendly, evidence-based framework to guide orthobiologic applications in patient care settings.

How the Prescription Drug Epidemic Became an Opioid Epidemic
Johnathan Goree, MD
Explore the science to guide your approaches.

Exhibit Hall Break

Patient Profiling as Pain Biomarkers for Knee Osteoarthritis
Linopina Rizzo Bottastello, MD, PhD, Roberto Abi Rached, MD, PhD, Monta Imamura, MD, PhD, Andre Todeu Sugihara, MD
Total knee replacements are estimated to increase by 700% by 2030. Learn how to address the burden of this health condition using the knowledge of neural plasticity both in the assessment and management of pain and disability in this patient population.

Rehabilitation Care of Medically Complex Patients
Anne Felicia Ambrose, MD, MS, Sora Cucurullo, MD, Mooyeon Oh-Park, MD, Mastro Supervia, MD, PhD
Medical advancements for traumatic and chronic conditions have increased survival of patients. Learn how to provide the needed care for this population of patients with increasing complexity of the medical needs through all the spectrum of acute and post-acute care.

Adjunct Therapies to Enhance Botulinum Toxin Injection for Focal Spasticity
Stefano Carsolo, MD, Jordan Fong, MD, Jorge Jacinto, MD, Rajiv Reebuye, MD, Averuet Suputtadato, MD
Get evidence and case-based practical approaches in utilizing adjunctive therapies such as serial casting, taping, electrical stimulation, shock wave therapy and neuromodulation to enhance spasticity management.

REFRESHMENT BREAK IN THE EXHIBIT HALL
4:00pm-4:30pm

EDUCATIONAL SESSIONS 4
4:30pm-6:00pm

RATULS on Upper Extremity Rehabilitation Robotics
Helen Bosworth, PhD, Hermene Igo Krieb, PhD, PhD, Helen Rodgers, MD, Frederike van Wijk, PhD
Robot Assisted Training for the Upper Limb After Stroke (RATULS) enrolled 770 stroke participants, making it the largest study of its kind. Get an overview of the study, clinical results, the kinematic measurements and enhanced upper limb therapy, and the possible advantages these interventions offer.

Patient Profiling as Pain Biomarkers for Knee Osteoarthritis
Linopina Rizzo Bottastello, MD, PhD, Roberto Abi Rached, MD, PhD, Monta Imamura, MD, PhD, Andre Todeu Sugihara, MD
Total knee replacements are estimated to increase by 700% by 2030. Learn how to address the burden of this health condition using the knowledge of neural plasticity both in the assessment and management of pain and disability in this patient population.

Rehabilitation Care of Medically Complex Patients
Anne Felicia Ambrose, MD, MS, Sora Cucurullo, MD, Mooyeon Oh-Park, MD, Mastro Supervia, MD, PhD
Medical advancements for traumatic and chronic conditions have increased survival of patients. Learn how to provide the needed care for this population of patients with increasing complexity of the medical needs through all the spectrum of acute and post-acute care.

Adjunct Therapies to Enhance Botulinum Toxin Injection for Focal Spasticity
Stefano Carsolo, MD, Jordan Fong, MD, Jorge Jacinto, MD, Rajiv Reebuye, MD, Averuet Suputtadato, MD
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**Friday | March 6, 2020**

**3D Kinematic Analysis for Patients with Knee Osteoarthritis**
F. Egbe, MD, Leonardo Metsovich, MD, MSC, Ricardo Salcedo, MD
The estimated symptomatic knee osteoarthritis (KOA) lifetime risk is 44.7%, and this slow progressive degenerative disorder affects a wide age range. Discuss the role of innovative 3D kinematic technologies and the evolving knowledge on biomechanics of lower limbs for improving diagnosis and optimizing rehabilitation.

**#WhyWeMove: Physical Activity in People with Disabilities in the Digital Age**
Mark Peterson, PhD, Joseph Bolkuddeebe, Rony Cooper, PhD, Umo Pondiyum, Abdezzak Hajiou, MD, Yetsu Tsuki-Wosorn, MD, MPH
Join our dialogue about modern-day correlates of mobility and physical activity in persons with disabilities. With themes from diverse cultural contexts, you will get new, globally-balanced knowledge on this topic, in addition to reviewing pragmatic best practices and important knowledge gaps.

**Cryoablation: Emerging Tech for Musculoskeletal & Osteoarthritis**
Felipe Gonzales, MD, Leonardo Metsovich, MD, Riccardo Salvadelli, MD
Cryoablation provides a minimally invasive technique for surgical, as well as non-surgical, treatment of musculoskeletal conditions. It can be used to treat musculoskeletal lesions, as well as non-surgical degenerative disorders such as osteoarthritis. Discuss cryoablation, its clinical benefits, and emerging clinical evidence.

**Tough Conversations: Delivering Effective Feedback**
Montana Shreer, MD, PhD, Kristin Cornish, MD, MPH, Ninad Kavadike, MD, Siria Raiser, MD, Regan Righer, MD, Justin Wepnner, DO
Take part in interactive small group activities to gain tools to provide timely, effective, high-quality feedback to trainees. Examine evidence-based approaches to providing effective feedback, factors that influence the quality of feedback, and put your new skills into action with case-based scenarios and role-playing techniques.

**Cyroablation: Emerging Tech for Musculoskeletal & Peripheral Nerve Disorders**
McCoy Smith, MD, John Alm, DO, Neil Segal, MD, MS
Discover the background and evolution of cyroneurolysis (a valuable non-surgical tool), as well as mechanism of action, evidence, uses, and technical considerations through a variety of audiovisual tools including treatment videos.

**PM&R Investigations for Evaluation of Peripheral Nerves**
Amit Bhargava, MD, Gulseren Akyuz, MD, Faron Williams, MD
Electroneuromyography (ENMG) provides functional information about the peripheral nervous system. Learn how to use this tool to diagnose problems, share the results with patients, evaluate the healing process, and treat successfully. You’ll also review various studies evaluating the size of the nerves.

**Rehabilitation for Visceral Impairment**
Mosaffa Korzuki, MD, PhD, Jianan Li, MD
Learn the present status of visceral impairment and dysautonomia, and the effect of rehabilitation for these patients.

**Dysautonomia: More Common Than You Think**
Bryan O’Young, MD, Toshof Bentzon, MD, Robert Schwartz, MD
Autonomic dysfunction is quite common and has been implicated in numerous clinical conditions. Discover a paradigm of care utilizing sympathetic skin response testing to objectify dysautonomia and treatment protocols to address the various neuromuscular conditions with autonomic dysfunction.

**Advaned in Botulinum Toxin & Neuro-Engineering Technologies**
Sheng Li, MD, PhD, Yun-Ting Chen, PT, PhD, Gerard Francisco, MD, Yingchun Zhang, PhD
Though its effectiveness in spasticity reduction is well studied, there are clinical and research challenges regarding the best practice of Botulinum Toxin (BoNT) therapy. Discuss clinical challenges and controversies in BoNT therapy and how neuro-engineering technologies can improve clinical application of BoNT in spasticity management.

**Poster Gallery Reception**
6:00pm-7:00pm

**Opening Ceremony & Welcome Reception**
7:30pm-9:00pm

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**Saturday | March 7, 2020**

**Rehab Sx Run, Walk & Roll**
Benefits the Foundation for PM&R
6:30am-7:30am

**Educational Sessions 1**
8:00am-9:00am

**Machine Learning in Brain Injury Medicine**
Lauren Shapiro, MD, MPH, Jeremy Bunzel, Hannah Reddick, Dilip Sorkin, PhD, Odetola Schwartz, PhD
Explore the capabilities and limitations of machine learning in brain injury medicine. You will also gain an understanding of how this technology can augment our clinical decision-making to optimize outcomes for survivors of TBI, assist in prognostication, and facilitate the translation of diagnostic and treatment techniques to the care of these patients.

**Neuromodulation: From Head to Toe**
Evin Feinstein, MD, Maria Hammond, MD, PhD
Learn all about artificial intelligence (AI) - the various algorithmic models used in data processing that form the framework for AI, the current literature related to AI and studies related to the field of PM&R. You will also hear about its limitations, how AI could develop in the future, and how to make it a meaningful tool for patients.

**Rehabilitation & New Technologies: Education & Relationships for Professionals**
Alessandro Giustini, MD, Maria Chiara Carrozza, PhD, Dano Perez, MD, PhD
Join the European Society of PRM’s Interest Group on Robotic and New Technologies in Rehabilitation as we discuss new applications of technology in rehabilitation and the great needs for rehabilitative verifications on existing equipment, common clinical paradigms and protocols, a growing role for technicians and bioscientists, and research to better orient technological applications in the future.

**ABPMR Longitudinal Assessment (CertLink): What It Means for You**
Carolyn Kinney, MD
As of January 2020, diplomats of the American Board of Physical Medicine and Rehabilitation (ABPMR) use longitudinal assessment as part of their Maintenance of Certification (MOC) requirements. Get context and history of MOC Part III, longitudinal assessment basics, the ABPMR’s longitudinal assessment pilot and user satisfaction results, the rationale behind implementation plans, and what the transition means for you.

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10:30am-11:00am

EDUCATIONAL SESSIONS 2
11:00am-12:00pm

Disaster Rehabilitation: Common Injuries & Disabilities Seen Post-Disaster
Morocole Alexander, MD, Jon Dietrich Reinhardt, PhD, Filippinos Gorchon, MD, Su Yi Lee, PhD, Vandenroos Visseldevon
Discover the common injuries and disabilities seen during natural and manmade disasters, how they are classified based on ICF classification, their long-term outcomes and complications.

How Social Media Can Positively Impact Your Medical Career
James Eubanks, MD, MS, Vinny Francis, PhD, MD, April Hyon, MS-IV, George Raum, MS-IV, Justin Schappell, MD, Raman Sharma, MD, Monica Verdugo-Gutierrez, MD, Eric Wisotzky, MD
Hashtag this! Get an enhanced professional toolbox of high-powered communication tools that you can use to advance your academic, research and advocacy agendas. You will learn current social media concepts, how it can positively impact your career (from medical students to faculty), and how our panel utilizes social media for professional development and networking.

Delayed Recovery & Long-Term Consequences of Repetitive Head Trauma
Ross Zofonte, DO, Jonine Brodovsky, PT, DPT, Thomas Watanabe, MD
Get an evidence-based review of the present literature and explore on-going innovative studies that are assessing risk factors for symptom chronicity, interventions that target symptom reduction in the first few weeks after injury, and ongoing studies that are examining the critical risk factors of long-term consequences of repetitive sport related concussion.

Virtual Reality for the Treatment of Pain in the Outpatient Rehabilitation Setting
David Binder, MD, MBA, Zacharia Issac, MD
Explore the benefits and evidence surrounding the use of virtual reality (VR) in outpatient spine/pain management practices, helpful implementation and protocol strategies, how to overcome common pitfalls, and important considerations when conducting research using VR technologies.

Insights from the Clinical Sciences & Research Committee
Gulseren Akyuz, MD, Piso Copodogho, MD, Marco Franceschini, MD, Marta Inamura, MD, PhD, Giovanni Iolascon, MD, PhD, Dinesh Kumbhare, MD, PhD, Stefano Negrini, MD, Mauro Zampolini, MD
The ISPRM’s Clinical Sciences & Research Committee was designed to improve the quality of research in PRM, enhance our understanding of disability issues, and inform disability policy. Explore research from its committee members and useful rehabilitative clinical recommendations.

Rehabilitation Technology for Patients with Neurologic Dysfunction
Gerard Pluet, DPT, PhD, Serge Adamovich, PhD, Jean Francois Danetault, PhD, Alme Hennais, PT, PhD, Karen Nolon, PhD
Get updates on important technologies that are currently being incorporated into plans of care for persons with movement disorders, such as exoskeletons, robots, wearable sensors, virtually simulated rehabilitation activities and tele-rehabilitation interfaces.

Underrepresented Minorities in PM&R in the United States
Miguel Escalon, MD, Joel Frontera, MD, Monica Verdugo-Gutierrez, MD, Vinny Francio, MD, PhD, April Hyon, MS-IV, George Raum, MS-IV, Justin Schappell, MD, Hyon, MS-IV, George Raum, MS-IV, Justin Schappell, MD, Karon Nolan, MS, Justin Schappell, MD, Hyon, MS-IV, George Raum, MS-IV, Justin Schappell, MD, Vinny Francio, MD, PhD
Help us improve inclusion, recruitment and advancement of underrepresented minorities in medicine in order to improve patient care and equity. We will look at the shortage of minorities who enroll in medical school and in PM&R at the residency and attending levels, as well as the issues that arise from these discrepancies.

Amputation Rehabilitation Around the World
Daniello Garcia, MD, Alberto Esquenazi, MD, Carolino Schioppacase, MD, Joseph Webster, MD
Come together with experts in amputation rehabilitation from several countries to compare the rehabilitation care provided to persons with limb amputation.

Cancer Rehabilitation Care for Children with Hematologic/Oncologic Diagnoses
Christian Niedzwecki, MD, OS, Monisha Shoth, MD, MS, MBA
Explore rehabilitation considerations for treating childhood cancer, including the demographics of diagnoses, the philosophy of care based on clinician/discipline training, the rehabilitation experience, and palliative care for children with hematologic and oncologic diagnoses.
en los estudios de conducción de los nervios. Además, conozca los errores comunes que se cometen y la disfunción neuromuscular en pacientes con cáncer; en el contexto de la esclerosis lateral amiotrófica (ELA). Acompáñenos y aprenda técnicas específicas de EMG.

Carlos Rangel, MD
Jorge Gutierrez MD, PhD, Juan Manuel Guzman, MD, AbilityLab.

Implementing Exercise Programs Across the Cancer Rehabilitation Care Continuum
Ishan Rong, MD, PhD, Prakash Jayabalan, MD, PhD, Sonal Oza, MD, Rebecca Wilson-Zingg, DO
Join cancer and musculoskeletal physiatrists to explore the unique challenges of implementing individualized exercise therapies for cancer patients across the spectrum of rehabilitation — including program highlights from the University of Utah and the Shirley Ryan AbilityLab.

Enfoques Manuales e Instrumentales en los Tejidos blandos
Elvo Garcia, MD, Iene Rodriguez, MD
La medicina de rehabilitación desempeña un papel importante en la reducción del dolor musculoesquelético y relacionado con el movimiento. Aprenda sobre una estrategia que puede utilizar para apoyar a sus pacientes: cómo usar las manos y/o instrumentos en la movilización de los tejidos blandos.

Bone-Tendon Junction Injury: Evolving Research & Clinical Approach
Kento Onishi, DO, Michael Fredericson, MD, James H-Y Wong, PhD
Bone-tendon junction injuries are one of the most common, but many treatments are largely palliative, causing a high risk of recurrence. Learn the biology of bone-tendon junction, and the current state of both non-operative and operative approaches to this specific type of tendon injury.

Reestablishing Spasticity Management for Adults with Cerebral Palsy
Healyung Kim, MD, Amber Newell, OTRL, PNP, David Roye, MD
Learn how to approach spasticity management for adults with cerebral palsy (CP) with chemoneurolysis and/or orthopedic intervention. You will also explore how to treat this growing population, common orthopedic conditions that often lead to an increase in spasticity, and indications for orthopedic surgery for adults with CP.

Saturday | March 7, 2020

Medical Student & Resident Roundtables
Ask questions and discuss physiatry with fellow trainees representing a variety of subspecialties, interest, programs and regions!

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Locomotion Training
Many gait changes occur following traumatic brain injury (TBI). Dive deep into the assessment of gait and gait-related mobility abnormalities following TBI in both clinical and research settings. You will also get a framework for assessment of gait changes, and how dual task conditions and technology can be used in clinical and research settings.

Body Worn Technology in Mobility Assessment
Shanti Pinto, MD, Naihe Hober, MD, Mark Hirsch, PhD, Mark Newman, PNP, MPH, Katherine Wilkoms, PT, DPT, CBBs
Many gait changes occur following traumatic brain injury (TBI). Dive deep into the assessment of gait and gait-related mobility abnormalities following TBI in both clinical and research settings. You will also get a framework for assessment of gait changes, and how dual task conditions and technology can be used in clinical and research settings.

Trends in Knee Orthoses & Exoskeletons for Post-Stoke Locomotion Training
Nikola Dragolovic, DO, Shuo-Hsiu Cheng, PT, PhD, Hao Su, PhD
The knee joint is one of the strongest and most important joints in the human body. Discover current developments and uses of knee orthoses and exoskeletons for locomotion training in persons with gait disability following stroke, as well as common gait abnormalities and highlights from recent research.

Optimizing the Care of Patients Transitioning from Pediatrics to Adult Medicine
Monica Tietzworth, MBA, Nicole Blitzer, RN, CNM, MSN, Brad Dicicco, MD, Kelly Heath, MD, Amy Houtrow, MD, MPH, PhD, Ashlee Jaffe, MD
The model of care in pediatric medicine is very different than adult medicine, as children can outgrow specific treatments or conditions that are otherwise managed in adults.
for world recognition and utilization. SDGs and discuss publishing them in scientific journals. Activities that directly and indirectly contribute to the needs of people with disabilities is left behind. Join us as we identify the needs of people with disabilities worldwide.

Fary Khan, MD, MBBS, Sam Wu, MD, MBA, MPH, Bryan O’Young, MD, Dianne Davis, PhD, Akiko Ito, PhD, Partnership.

Leaving No One Behind: A Meaningful UN & ISPRM Framework Towards an Inclusive and Sustainable World, ISPRM has partnered with the UN for the sustainable development goals (SDGs) approved by all 193 UN member states as a global framework.

Evaluation of the Osteomuscular System in Rehabilitation & Daily Practice
Tomslav Kranjcec, MD
Explore common biomechanics exploration and evaluation systems, how they support a doctor’s decision making, and the feasibility of actigraphy as a proxy measure of sleep, and as an outcome metric in inpatient rehabilitation. You will also hear studies that address the feasibility of actigraphy, validity as a proxy measure of sleep, and as an outcome metric in treatment studies during inpatient rehabilitation.

Wayne Feng, MD, MS
Wayne Feng, MD, MS
Motor Recovery After Stroke: Prediction, Neuroplasticity & Clinical Implications
Sheng Li, MD, PhD, Ning Cao, MD, MS, Pablo Celvik, MD, Wayne Peng, MD, MS
Numerous pharmacological agents, physical modalities and interventions have been utilized for stroke motor rehabilitation programs, but with varying degrees of success. Review recent research on neuroimaging and neuropsychological factors that can influence and predict motor recovery, neuromplasticity and its relation to motor recovery, and ways to apply new research and advanced technologies to promote motor recovery.

Best Practices for Curriculum Development: Creation, Implementation & Evaluation
Margaret Hayes, MD, Morgan Soffer, MD
Discover the pearls and pitfalls of curriculum development with practical tips from creation to evaluation. You will also review Kern’s approach to curriculum development using a case-based format, effective evidence-based surveying methods for curriculum evaluation, and more.

Global Rehabilitation: Building Capacity in Low-Resource Countries (Part 1)
Wouter De Groot, MD
The ISPRM-WHO Working Group aims to move the agenda for medical rehabilitation forward in countries where the needs are high. Learn about the current evolutions in global rehabilitation, general principles of health system strengthening, the situation of people living with disabilities in low-resource countries, obstacles and opportunities for capacity building, and more.

Gene-Based Therapy for SMA: Translating Research to Clinical Practice
W. David Arnold, MD, Susan Aplkon, MD, Stacy Suskauer, MD
Exciting progress over the last few years has resulted in the clinical approval of new gene-based therapies for Spinal Muscular Atrophy (SMA) including nusinersen and a viral vector-based treatment. Hear experiences initiating and maintaining programs to provide gene-based therapies to patients with SMA, as well as barriers/challenges faced.

Literature & Research Updates on Pathobiology & Treatments for Osteoarthritis
Jonathan Kirchner, MD, Prakash Jayabalan, MD, PhD, Prathap Jayaram, MD, PhD, Rex Mo, MD, MS
Get a summary of recent updates on the current knowledge of osteoarthritis (OA), which will include a review of recent literature and research on the pathobiology. You will also apply this knowledge to better understand current treatments, evidence for these interventions, and the pipeline for future treatment options for OA.

Fellowship Roundtables
Join recent and new fellows from various subspecialties as you discern steps, best practices and answers to your important questions on applications, the interview process and career development.

Medical Leadership: Insights from the Vanguard of Systems-Based Practice
Sarn Wu, MD, MA, MPH, MBA
Take advantage of this rare opportunity to meet physiatrists in prominent medical leadership positions around the world and gain insights into how their background in PM&R enhanced their influence and facilitated their advancement as well as their institution’s growth. These leaders of the ISPRM and national medical organizations will share real-life experiences and advice that will help you be an effective leader.
Advancing Management of Multiple Sclerosis: Evidence-Based Rehabilitation

Khong, MD, MBBS, Bhasker Amotya, MD, MPH, Myong Golea, PhD

Multiple sclerosis (MS) is a complex disabling condition with cumulative disabilities that impact outcomes in rehabilitation. Learn about the most recent evidence-based guidelines for treatment, implementation, research models and outcome measurement. You will be presented findings from over 50 scientific papers published in peer reviewed medical journals and the Cochrane Library.

Diagnosing Entrapment Neuropathies

Michael Andary, MD, MS, Troy Park, MD, Lory Robinson, MD

Learn the latest electodiagnostic techniques and strategies for diagnosing entrapment neuropathies by experts in ulnar neuropathy, lower limb entrapments and carpal tunnel syndrome.

REFRESHMENT BREAK IN THE EXHIBIT HALL

10:30am-11:00am

Educational Sessions 2

11:00am-12:00pm

Fostering Wellness in Trainees: More than Reducing Work Hours

Allison Schroeder, MD, Allison Beon, MD, PhD, Kevin Franzese, DO, Charles Michael Taylor II, MD, MS, Monica Verduzco-Gutierrez, MD

Fostering wellness and preventing burnout have become a priority in graduate medical education, even being added to ACGME’s common program requirements. Discuss the impact of burnout on resident performance, how to identify burnout in trainees and colleagues, and evidence-based strategies to combat the issue.

Post-Traumatic Headache: A Pain in the Brain?

Nathan Zasler, MD, Sara Ethereone, PT, DPT, CKTP

Led by an internationally known specialist in brain injury neurorehabilitation, get a hands-on interactive experience that will familiarize you with assessing persons with post-traumatic headache following brain, head and cervical trauma. Several local patients with Post-Traumatic Headache (PTHA) will participate in this workshop as subjects.

Demystifying Central Fatigue

Qing Mei Wang, MD, PhD, Lisa Wood, PhD, RN, Nicole Mazza, MD

Discuss the latest research on mechanism and potential biomarkers for central fatigue in neurological disorders and cancer as well as a step-by-step guide for evaluation and treatment based on current recommendations.

Stroke Rehabilitation: Incorporating New Evidence into Practice & Clinical Trials

Joel Stein, MD, Michael O’Dell, MD, Steven Flax, MD, Yun-Hee Kim, MD, PhD, Robert Teskeel, MD

Stroke rehabilitation is in the midst of considerable clinical research, including major clinical trials that have important implications. Review the latest evidence from stroke clinical trials, and place this data into clinical context.

ACRM Session: Building an Interdisciplinary Team to Advance Rehabilitation Care & Research

Richard Riggs, MD, Pamela Roberts, PhD

Brought to you by our co-hosts, the American Congress of Rehabilitation Medicine (ACRM)! Discover how quality and data from clinical practice can improve care and characterize population-based patient outcomes. You will also get a roadmap of how to transform an operational and/or quality idea into health services research.

Diagnosing Common Entrapment Syndromes

Lory Robinson, MD, Tom Miller, MD, Phye Chua, MD, PhD

Uncover the diagnosis, prognosis and new/emerging surgical treatments of traumatic neuropathies in three talks including traumatic peripheral nerve injuries, plexopathies, and using EMG in multidisciplinary clinics.

The NIH Research Plan on Rehabilitation: Future Directions for the Field

Alison Cernich, PhD, Theresa Hayes Cruz, PhD

The National Institutes of Health (NIH) has worked to advance their rehabilitation science priorities through funding opportunities, workshops, initiatives and workgroups. Get an overview of the work accomplished, as well as emerging areas that will impact rehabilitation medicine and potential priorities for the future. You will also have the opportunity to give input as the NIH works to revise their research plan for 2021.

Guías de Práctica Clínica Para Personas con Amputaciones en Colombia

María Gorelich Prieto, MD, Juan Manuel Guzman, MD, Marta Imonuño, MD, PhD

Analice los avances en el sistema colombiano de atención a personas con amputaciones, revise las guías que se emplean en Brasil y México, y aponte recomendaciones adicionales para mejorar.

Non-Invasive Neuromodulation in Rehabilitation

Sheng Li, MD, PhD, Joel Frontera, MD, Radhoo Korupolu, MD, MS, Argiros Stougpos, MD

Learn about new research on non-invasive, neuromodulation techniques for neuropathic pain, neurogenic bladder, and motor recovery after spinal cord injury (SCI). Presenters will share case studies on BreEstim (deep breathing with peripheral electric stimulation), tibial nerve stimulation, and transcutaneous spinal direct current stimulation (tDCS).

Improving Outcomes Across the Care Continuum: A Multi-Institutional Perspective

Sarah Welch, DO, Jonathan Beon, MD, MPH, Andrea Cheville, MD, Erik Hoger, MD

Novel models of care that extend the bounds of traditional rehabilitation settings are needed to serve the growing numbers of hospitalized, chronically ill, and geriatric patients. Discover ongoing PHAR led efforts to optimize rehabilitation care across the care continuum.

Global Rehabilitation: Building Capacity in Low-Benefit Countries (Part 2)

Wouter De Groote, MD

The ISPRM-WHO Working Group aims to move the rehabilitation continuum.

Evidence-Based Strategies to Reduce Opioid Use for Pain Management

Douglas Oyler, PharmD

The University of Kentucky Office of Opioid Safety has collaborated with entities across the state to increase responsible use of opioids both locally and statewide. Learn about three initiatives within UK HealthCare that reduced unnecessary opioid use for pain management in trauma population.

Rehabilitation 2030: Is the Field Ready to be the 21st Century Health Strategy?

Alarcos Cieza, PhD

In February 2017, the World Health Organization brought together over 200 rehabilitation experts from 46 countries to highlight the global unmet need for rehabilitation. Explore the fundamental areas that require urgent response, developing a universal understanding of rehabilitation, the need for a more unified approach by rehabilitation professional groups and subspecialties, and more.
Teaching in the 21st Century: The Science of Learning
Jeremy Richards, MD
Review the evidence for and application of modern, effective, and interactive teaching strategies for the classroom or in the clinical setting. You’ll hear specific studies demonstrating the impact of contemporary teaching techniques and how you can apply evidence-based strategies to your educational activities.

La Coriente Electromagnética en la Disfunción Pélvica y el Trasplante de Extremidades Superiores
Alberto Echeverría, MD, Juan Manuel Guzmán, MD, Martín Gómez, MD, Marcelino Montoya, MD, Tobias Valdes, MD
Aprenda a utilizar la electromiografía (EMG) en el suelo pélvico y conozca los resultados del primer procedimiento de reimplante de hombro desarticulado del mundo realizado en México.

Potential Application of Genetic & Biomarkers in Post-Stroke Depression
Zhenxiang Han, MD, PhD, Nicole Mazwi, MD, Qing Mei Wang, MD, PhD
Review current literature of genetic variation, serum and neuromonitoring biomarkers in post-stroke rehabilitation and discuss the potential application of genetic and biomarkers in post-stroke rehabilitation.

Current Trends in Rehabilitation Medicine
Amirouz Cazb, MD, PhD, Donn Michieal, MD
Review the disadvantages of certain trends in rehabilitation medicine and how to cope with them. You will discuss customary concepts concerning the status of longevity, the scarcity of assessing the net effect of rehabilitation, and interpretations of recently published effects of novel therapies for spinal cord recovery.

AANEM Session: You Make the Call: An Approach to EMG Waveform Recognition Skills
Devin Rubin, MD
Brought to you by our co-hosts, the American Association of Neuromuscular & Electromyographic Medicine (AANEM) Learn how to identify the firing patterns of different types of EMG waveforms, characteristics of normal and abnormal spontaneous waveforms, normal and abnormal patterns of recruitment of MUAPs, and the significance of the changes in morphology of MUAPs in diseases.

ACRM Session: Rehabilitation Technology for Advancing Clinical Care & Research
Deborah Backus, PT, PhD, Michael Jones, PhD
Brought to you by our co-hosts, the American Congress of Rehabilitation Medicine (ACRM) Learn strategies for the effective, efficient and ethical development and integration of technology into a clinical setting with the ultimate goal to maximize health and function of individuals with significant disabilities.

ASIA Session: International Standards for Neurological & Autonomic Classification of SCI
Andrei Krasikov, MD, Ruediger Rupp, PhD
Brought to you by our co-hosts, the American Spinal Cord Injury Association (ASIA) Learn about the latest changes and additions to the International Standards for Neurological Classification of Spinal Cord Injury (ISNISCl) and International Standards to document remaining Autonomic Functions after SCI (ISAFSCI).

REFRESHMENT BREAK IN THE EXHIBIT HALL
4:00pm-4:30pm

EDUCATIONAL SESSIONS 4
4:30pm-6:00pm

Maximizing the Role of Physiatry in U.S. Academic Health Systems
Heekyoung Kim, MD, Mooyeon Oh-Park, MD
The U.S. healthcare system has been going through unprecedented changes in scope and magnitude. Physiatrists are well suited to serve a key role in this healthcare transformation with seamless transition of care and optimizing outcome which matters to the patients. Learn the key points of developing and executing an action plan which aims to integrate physiatry service (including its sub-specialties) within the healthcare system.

Desarrollo Social y Académico de la Rehabilitación en América Latina
Viviana Crispín, MD, Maria Fernanda Collado, MD, Solange Hernández, MD, Leonardo Lazmoto, MD, Melina Longoni, MD, Noelia Montón, MD, Rolando Tijerina Reyes, MD
Explore the program of studies of formation of residents of medicine física y rehabilitación en América Latina, además del desarrollo social y académico de la rehabilitación en las plataformas de comunicación.

Global Academic Physiatry: Current Status, Future & Needs
Michael Lee, MD, MA, CPE, Naveen Raja, MD, MPH, Marta Inamur, MD, PhD, Peter Lim, MD, Olivier Remy-Neris, MD, PhD
Understand the current state of academic physiatry in various parts of the world as shared by thought leaders and help to open the venue for collaborative work to advance into the future.

Precision Neuromodulation for Severe Stroke
Teasing Out the Unknowns
Lumy Sawaki, MD, PhD
Individuals with severe stroke can achieve meaningful functional improvements. Discuss the effects of different neuromodulatory interventions, the role of baseline cortico spinal integrity for the trajectory of functional recovery, and potential reasons behind their differences.

Collaborating with Industry: How to Get Started
W. David Andrews, MD, David Binder, MD, MBA, Mary Klei, RN, Dorothy Panaglino, MD, PhD, John-Ross Rizzo, MD, Ross Zafonte, DO
There is a long tradition of industry support for biomedical research and different models of academia-industry relationships exist. Are you interested in collaborating but worried about navigating the industry-research environment without guidance? Get a framework for initiating successful academic-industry collaborations, including how to identify and navigate the different and diverse models.

Neuroscience of Visual Arts
Shannel Kotto-Charles, MD, Derek Sebastian, CTR, S
Explore existing data about visual arts production and its therapeutic value, the difficulties of conducting research in holistic topics, and the role of critical thinking in the delivery of medicine using the biopsychosocial model. You will leave with research questions in your clinical cases and learn a technique to be better teachers, learners and clinicians.

Supporting Lifelong Physical Activity Among Individuals with Disabilities
Mark Peterson, PhD, MS, Walter Frontera, MD, PhD, Abdennazak Hajjouj, MD, Uma Pandyan, MD, Yetsu Suski-Wisomu, MD, MPH
Aging adults with disabilities need regular physical activity and physical interventions, and members of ISPRM’s Task Force on Physical Activity for Persons with Disabilities (PAPD) research and evidence to prove it. You will hear about chronic disease burden in persons with disabilities through the lifespan and interventions that may lessen the health burden of aging.

Advanced Neuropathologies for Spinal Cord Injury
P. Hunter Peckham, PhD
Uncover the physiological basis of the operation of implanted neuropathologies, the clinical outcomes of neuropathologies for restoring various functions for people with spinal cord injuries, and approaches for the unique challenges of clinical deployment for orphan populations.

Geriatric Rehabilitation: What is Really Working?
Eleonora Antonio, MD, PhD, Paolo Campodoglio, MD, Marco Franceschini, MD, Walter Frontera, MD, PhD, Francesco Gimpiliano, MD, PhD, Don-Sheng Han, MD, PhD, Juan Manuel Guzmán, MD, Mooyeon Oh-Park, MD
Hear from a team of experts in geriatric rehabilitation on the best evidence for important topics such as sarcopenia, falls, frailty, osteoporosis, delirium, and obesity.

Certification of PM&R Specialists Around the World
Gerard Francisico, MD, Carolyn Kinney, MD, Leonard Sw Li, MD, Mauro Zampolini, MD
Receive an overview of PM&R certification in the US, Europe and Asia, and existing developments in the certification process, such as ABPMR’s initial certification and maintenance of certification. In addition, learn research on evidence of process validity, association with residency program standards, and value throughout a physician’s career.

Approaches to Building Research Capacity in PM&R
Michael Boreng, MD, David Morgenroth, MD, Leslie Morre, DO, Stefano Negroni, MD, Moon Suk Bang, MD, PhD, John Whyte, MD, PhD
Want to become a more successful researcher? Build research capacity by learning about the Rehabilitation Medicine Scientist Training Program (RMSTP) and international speaker perspectives from Asia and Europe.

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Issues & Controversies in Managing the Young Athlete
William Michoo, MD; Gerardo Miranda-Corvas, MD; Walter Fontereto, MD, PhD; Fernando Sepulveda, MD
Join us for lectures and case discussions with practical applications that will result in a better understanding of current and controversial topics in Pediatric Sports Medicine, including risks of early sport specialization, the role of injury prevention programs, the benefits and timing of strengthening programs, and more.

Using Telemedicine to Increase Accessible & Affordable Rehabilitation Medicine
Marcelo Alexander, MD; Jogy Hefner, MD; Donna Nimer, MD; Roi Polaski, MD; Jeffrey Schneider, MD; Adam Tenforde, MD
Develop your knowledge on novel use cases of telemedicine, including methods to effectively utilize in education and clinical to enhance patient care. You'll hear the role of telemedicine in addressing specific conditions, case-based examples and how to incorporate these concepts into practice.

Youth Athletes with Intellectual Disability: Clinical Considerations & Resources
Priya Chandam, MD, MPH; Matthew Adairkin, MD; Mary Dubon, MD
Help us create more inclusion for youth with intellectual disabilities (ID) in sports. Learn about the sports competition programs and health initiatives offered by Special Olympics International (SOI), and clinical considerations for youth athletes with ID.

Translating Neuroplasticity Principles into Clinical Practice
Mary Golea, PhD; Fary Khon, MD; MBBS
Get practical examples of how the principles of neuromodulation can be applied in the rehabilitation setting through improved clinical reasoning, system re-design, use of inexpensive technology, and provision of an enriched environment.

Espasticidad: 10 Años de Experiencia en América Latina
Jovana Barroga, MD; Gustavo Bocca, MD; Alfredo Iglesias, MD
Analic el manejo de la espasticidad en niños y adultos, así como la rehabilitación pulmonar en pacientes escleróticos.

Different Dimensions of Musculoskeletal Pain
Pathophysiology
Aysegul Keten, MD; Dilsad Sindel, MD; Guileen Akizuki, MD; Deniz Evrik, MD; Nur Kesikolu, MD, PhD; Aydan Oral, MD
Join the Turkish Society of PM&R for a discussion about different mechanisms of chronic musculoskeletal pain in the light of current literature.

Neuropathology & Neuropsychological Biomarkers in Rehabilitation
Marcel Simis, MD, PhD; Linamaro Battistella, MD, PhD; Felipe Fregni, MD, PhD, MPH; Marta Imamura, MD, PhD
Learn about the neuroplastic mechanisms involved in chronic pain and motor, sensorial and cognitive rehabilitation. In addition, you will explore the potential use of Transcranial Magnetic Stimulation (TMS), Functional Near-infrared Spectroscopy (fNIRS), Electroencephalography (EEG) and Magnetic Resonance Imaging (MRI) as neuropathological biomarkers.

Educational Sessions 1
8:00am-9:00am

Increasing Medical Student Interest in PM&R
Marta Imamura, MD, PhD; Margarida Miyazaki, MD; Kito Lino Miyajima, MD; Mariane Tateishi, MD; Elizabete Tsukumoto Soito Guisotuki, MD
Rehabilitation needs are expected to increase with a growing population, widespread dissemination of noncommunicable diseases, and persistent injuries caused by road traffic accidents, violence and conflict. Discover different and complementary strategies you can use when reaching out to undergraduate medical students to raise awareness about the specialty and increase interest in the field.

Gait Analysis & Muscle Strength Assessment in Clinical Practice
Alberto Esquivol, MD; Daniela Garcia, MD; Daniel Koestner, MD; Moschito Mukuino, MD
Explore the value of instrumented assessment of the upper limb muscle strength and movement during gait as a clinical tool. Experts from around the world will coalesce to share clinical applications of the techniques as used in various scenarios.

Cochrane Rehabilitation: The Way Forward to Strengthen Evidence
Carlotte Kiekkens, MD, Stefano Negrini, MD; Francesco Gnojiglino, MD, PhD; Aviri Malimavaro, MD, PhD; Thusten Meyer, PhD
Cochrane Rehabilitation is a goal to allow decision-makers to act according to the best and most appropriate evidence in the field of rehabilitation. Discover how Cochrane Rehabilitation convenes best evidence to rehabilitation professionals through various channels and projects, and how it strives to improve the methodology by which evidence for rehabilitation is produced.

A New Era of Ultrasound-Guided Microsurgery
Jolene Brandenburg, MD, M. Jason DeLuigi, DO; Andrew Gordon, MD, PhD; Kento Onishi, DO
Review ultrasound elastography technologies and use in measuring muscle properties, the pros and cons of orthopedic surgery (open procedure to arthroscopy) and using ultrasound to guide micro-invasive or micro-surgical outpatient procedures performed using a local anesthetic.

Current State of Undergraduate Medical Education in PM&R
Marta Imamura, MD, PhD; Leonardo Isomoto, MD
Disability education is important in medical schools, yet it is produced in various scenarios. Discover key findings of the history and physical examination in patients that present with shoulder pain secondary to overhead sports activity, knee pain associated to running and pivoting sports, and low back pain resulting from sports and exercise activities that require trunk rotation, repeated flexion and extension.

Research Needs & Controversies in Managing the Young Athlete
William Michoo, MD; Gerardo Miranda-Corvas, MD; Belmario Rodriguez-Santitago, MD; Fernando Sepulveda, MD
Discover key findings of the history and physical examination in patients that present with shoulder pain secondary to overhead sports activity, knee pain associated to running and pivoting sports, and low back pain resulting from sports and exercise activities that require trunk rotation, repeated flexion and extension.

Concurrent Programs
These signature AAP programs will have workshops and sessions designed for this year’s participants.

1. Program for Academic Leadership (PAL) - Leadership training directed by William Bockenek, MD, CPE. Visit physiatry.org/PAL to learn more.
2. Rehabilitation Medicine Scientist Training Program (RMSTP) - Research training directed by Michael Boninger, MD and John Whyte, MD. Visit physiatry.org/RMSTP to get involved.
3. International Spinal Cord Injury Survey Results: A Study in 20+ Countries
Gerald Stucki, MD, MSC, Jerome Bickenbach, PhD, Mohit Aroha, PhD
The first wave of data from the International Spinal Cord Injury (ISCI) community survey has informed important papers on the potential of inter-country comparisons as well as basic functioning and SCI. Discover the application of graphical modelling of the lived experience of SCI, the determinants of functional independence using SCIM subscales across the 22 participating ISCI countries, and a first look at comparing the social response to the service and support needs of people with SCI.
Academic administration can be one of the most rewarding roles in physiatry, but also the most challenging. These unique sessions will help you develop the right skills, resources and mindset to succeed.

**PUSHING THE BOUNDARIES OF REHABILITATION**

Penn Physical Medicine and Rehabilitation is delighted to be part of the Association of Academic Physiatrists meeting in Orlando, Florida.

As the first program of its kind in the nation, Penn PM&R has pioneered some of the most essential treatments and technological advancements for rehabilitation medicine and continues to optimize patient outcomes, advance research and elevate PM&R education.

- Our neurorehabilitation team at Penn led the assessment and rehabilitation of US government personnel stationed in Cuba with unexplained neurological symptoms.
  

- Our new nanotechnology initiative in PM&R in partnership with the Penn Singh Center holds great promise for new rehabilitation technologies.

- Penn Medicine has been named among the top five employers in healthcare on Forbes magazine’s “America’s Best Employers for Women” list.

There are exciting things happening at Penn PM&R. To learn more about the ways we are advancing care, research and academics, visit PennMedicine.org/PMR.

**Administrative Directors Sessions**

**THURSDAY, MARCH 5, 2020**

1:00pm - 2:00pm  
Building and Maintenance: Physician Reputation  
Kirk Roden, MBA, FACHE

2:00pm - 3:00pm  
CPT Billing Codes

3:00pm - 4:00pm  
Developing Mid-Level Providers in Physiatry

7:30pm - 10:00pm  
Joint Chair Council & Administrative Directors Session & Reception

**FRIDAY, MARCH 6, 2020**

11:00am - 12:00pm  
Evaluating Alternative Medicine Services  
Alex Movz, MD, Monica Tietzworth, MBA

2:45pm - 3:45pm  
Profitable Clinical Trial Business  
Steve Tomsic, MBA

4:30pm - 5:30pm  
Administrative Directors Business Meeting

**SATURDAY, MARCH 7, 2020**

11:00am - 12:00pm  
Employee Contracting: Getting the Most Out of Your Job Offer

2:45pm - 3:45pm  
Physician Wellness Programs  
Kirk Roden, MBA, FACHE

**SUNDAY, MARCH 8, 2020**

9:15am - 10:15am  
Physiatrists & the Service Line: Delivery as a Vertical Integration  
Farha Ikramuddin, MD

**Program Coordinators Sessions**

**THURSDAY, MARCH 5, 2020**

1:00pm - 1:30pm  
Welcome & Introductions

1:30pm - 2:30pm  
ISPRM: How We Are Connected  
Walter Frontera, MD, PhD

2:45pm - 3:45pm  
ACMG Accreditation Data System (ADS) Update  
Wendy Helkowski, MD

5:30pm - 7:00pm  
Fellowship & Job Fair

**FRIDAY, MARCH 6, 2020**

11:00am - 12:00pm  
Icebreaker  
Nicole Prokope

Wellness  
Marni Hillinger, MD

Microaggression/ Professionalism  
Jennifer Zumsteg, MD

Interview Techniques  
Shannon Larisch

**SATURDAY, MARCH 7, 2020**

Coordinators 101 & 102  
Cynthia Volack, C-TAGME, Kario Dyer, C-TAGME

TAGME Update  
Cynthia Volack, C-TAGME

PM&R Student Interest Groups  
Self-Study Panel  
Leigh Austin, Terri Izbell, C-TAGME, Kimberly Gorza
Showcase your creativity and passion for giving back with this signature activity of the ISPRM World Congress. We are looking for unique photos that depict the international faces of disability:

- Individuals with disability around the world
- Physiatrists treating their patients around the world.

The entry fee is $15 per photo and photos must be submitted by email to panderson@foundationforpmr.org between November 1, 2019 and March 8, 2020. Submissions must not be copyright protected by anyone except the entrant and must include waivers and photo rights (if applicable). Entries may be used in future promotional materials of the AAP and Foundation for PM&R.

Two winners will be selected by an international panel of physiatrists and honored at the ISPRM Closing Ceremony on Monday, March 9, 2020. The winners will receive free registration to the ISPRM 2021 in Lisbon, Portugal! Proceeds from this contest benefit the ISPRM Disaster Relief Fund and the Foundation for PM&R.

Rehab 5K Run/Walk & Roll Residency Program Challenge

Saturday, March 7, 2020, 6:30am-7:30am
At the Rosen Shingle Creek

Bring your running shoes for this early-morning fundraiser for physiatric research through the Foundation for PM&R! Join in the fun or cheer on your residency program as they compete for prizes in Fastest Runner, Largest Team and Most Team Spirit. Sign up when you register for ISPRM 2020 and take advantage of our early bird rate of $25 ($15 for students and residents).

For more information or to register for the Residency Program Challenge, contact Phyllis Anderson at panderson@foundationforpmr.org or call +1 (847) 737-6062.
Three Ways to Register

VISIT:
www.physiatry.org/Reg2020

MAIL FORM & CHECK
(in US dollars):
10461 Mill Run Circle, Suite 730, Owings Mills, MD 21117

CALL:
+1 (410) 654-1000 (credit card payments only)

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Guest Package
$215 per person

ADD-ONS

Registration Total:
Register by December 10, 2019 to save up to $150

NOT AN ACTIVE AAP MEMBER?
Join or renew today for the lowest rates and year-round collaboration!
www.physiatry.org/join

Pre-Conference Workshops

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Cochrane Rehabilitation: Cochrane Evidence Examine & Deploy (CREED)

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Registration Pricing

Early Bird (By December 10) Standard

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Registration by December 10, 2019 to save up to $150

Don't Forget!
ISPRM 2020 Signature Networking Event at SeaWorld Orlando

Join our Unexpected Encounters and an Unbelievable Event!

Tickets to this Signature Networking Event are $130 for attendees and non-attendee guests and include food, drinks and transportation. It’s easy to see why you need to be at ISPRM 2020. The world’s most influential leaders and rising stars in physical medicine and rehabilitation (PM&R) will come together for ISPRM 2020. Showcase your world-class organization among this cultivated audience who are eager to learn, network and collaborate.

Learn more and secure now at www.physiatry.org/2020
or by contacting Bernadette Rensing, the AAP’s External Affairs Director, at brensing@physiatry.org.

Register by December 10, 2019 to save up to $150
Register online at www.physiatry.org/Reg2020!

Your Badge Information

Please include name, degree(s), institution, and city and state exactly as you would like it to appear on your badge.

Name (First, M, Last):

Degree(s):

Institution:

Address:

City: State/ Province: Zip:

Work Phone:

Email:

Emergency Contact: Phone:

☐ Check if you or a guest require special assistance. Please explain:

☐ Dietary Needs: ☐ Kosher ☐ Allergy (please explain)

*Guest Name/s:

*Must purchase guest badge

Registration Information

Member: This category is designed for ISPRM and AAP members who are not suspended or expired, or who are purchasing a membership at the time of registration. Please check that all memberships are current before sending in registration forms. If you are unsure of your membership status or category, please call 410-654-1000 or email meetings@physiatry.org. If registering online, log in when registering to receive your AAP member discount. ISPRM members will be provided a promo code from the ISPRM office.

Resident/ Fellow/ Medical Student: These packages are for residents, fellows and medical students only. In addition to full ISPRM 2020 registration, you will receive registration to the Resident & Fellow Networking Night. Registration to the half-day workshop on Wednesday, March 4, 2020 is free, but registration is required.

Guest: Your guest package includes all attendee meals and breaks, and entrance to the plenary sessions and Exhibit Hall. This package cannot be used for a colleague or doctor – it is intended for a guest, spouse or family members only. Participants and guests will not be allowed into the main hall without a name badge.

Your Registration Includes: Access to plenary and educational sessions, select meals and coffee breaks, networking events (including the Welcome Reception & Opening Ceremony, Poster Gallery Receptions and Resident & Fellow Networking Night), Closing Ceremony and the Exhibit Hall Pre-conferences and the Signature Networking Event at SeaWorld have additional fees, so be sure to add them to your total when registering.

A Few Things to Note

- Log in to your AAP member account or register as an ISPRM member with your promo code to receive member discounts. Full payment is due at the time of registration.
- Full payment is due at the time of registration.
- Online registrations receive immediate confirmation; mailed registrations will be sent a confirmation within 21 days of receipt. If you do not receive a confirmation within 21 days, please call the AAP’s office at +1 (410) 654-1000.
- All information must be accurately provided. Any registrations with information left blank will not be processed.
- Cancellations and full refund requests must be received in writing by December 30, 2019. A $50 administrative fee will be deducted for active members and $100 will be deducted for non-members. Forfeited fees may not be applied to other AAP programs.
- No fees will be refunded after December 30, 2019. Substitutions will be accepted if the request is made in writing via meetings@physiatry.org by January 24, 2020.
- Professional photographers and videographers will be documenting the conference events. By registering for ISPRM 2020, you give permission to the AAP and ISPRM to use all photos and videos with your likeness.
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Venue & Hotel Information

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ISPRM 2020 will be hosted at the Rosen Shingle Creek, conveniently minutes away from the Orlando International Airport, Universal Orlando Resort™, Walt Disney World® Resort, SeaWorld® Orlando, award-winning golf courses and more! Discounted room rates of $219/night are reserved for attendees. You must book your room early to guarantee availability.

You may also stay at the Rosen Inn at Pointe Orlando at a discounted room rate of $129/night. Shuttles to and from our event venue will be provided daily. Complimentary WiFi and access to a fitness center are included with both hotel reservations.

To book a room at the Rosen Shingle Creek, visit www.physiatry.org/RosenShingle. To book a room at the Rosen Inn at Pointe Orlando, visit www.physiatry.org/RosenInn.
THANK YOU to our Organizing Committees

ISPRM 2020 wouldn’t be possible without the tireless efforts of these AAP and ISPRM teams.

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- Comprehensive Inpatient, Outpatient Adult and Pediatric Rehabilitation Services

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- Physical Medicine & Rehabilitation Residency Program
- Pain Medicine Fellowship
- Brain Injury Medicine Fellowship

SPECIALIZED CARE:
Neurological Disorders, Brain Injuries, Stroke, Amputation, Orthopedics, Balance Disorders, Cardiopulmonary Disorders

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JFK Johnson Rehabilitation Institute
Thanks to our sponsors for their generous support.

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MERZ  
NEUROSCIENCES

GOLD SPONSOR:  
Allergan

(As of September 1, 2019) Exhibit, sponsorship and advertising opportunities still available!

GET SOCIAL WITH #ISPRM2020!

Register by December 10, 2019 and become an active member for the lowest rates!

www.isprm2020.com