

# aapm&r

ANNUAL ASSEMBLY 2018

OCTOBER 25-28, 2018 • ORLANDO, FL



SUCCESS THROUGH  
**INNOVATION**

## OFFICIAL PROGRAM

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to build your personal  
schedule, access maps,  
speaker information,  
and an attendee list,  
as well as find exhibitors  
that match your  
clinical interests.

ASSEMBLY  
360°  
CHALLENGE

See page 51 to learn  
how you can play our  
Assembly 360° Challenge  
game and win prizes!

## WELCOME TO AAPM&R'S ANNUAL ASSEMBLY



Welcome to Orlando, the “City Beautiful,” for the 2018 AAPM&R Annual Assembly. I’m so happy you’re here!

AAPM&R and its member volunteers continue to innovate and elevate the Assembly to make it the “must-attend” psychiatry event of the year! From the state-of-the-art Learning Center and re-imagined PM&R Pavilion to hands-on Skills Labs and expanded educational content—there’s something for everyone, no matter your career-level or clinical focus, because this is psychiatry’s meeting.

Our 2018 theme, *Success Through Innovation*, acknowledges the shifts occurring in health care, and the entire experience prioritizes education, discussion, and resources psychiatrists will need in order to be successful. While onsite, I encourage you to be BOLD in how you approach your Assembly experience. That means being open to fresh ideas, making new connections, discovering innovative products and services—all while receiving the best psychiatry-focused education available. Be sure to participate in our PM&R BOLD Learning Collaboratives on Friday and Saturday to help advance our new vision and practice models. We cannot innovate our specialty without your BOLD engagement and perspective!

As this program highlights, the Annual Assembly experience is 4 days of jam-packed education and fun—make sure to attend our PhyszTalks plenary, celebrate your colleagues during Psychiatry Day, and stop by the annual awards video presentation. And of course, enjoy some fun along the way with great networking opportunities and social events planned just for you!

This is your time to engage with your peers to move the specialty forward now and into the future. I wish you an outstanding Annual Assembly experience. Enjoy the meeting!

**Darryl L. Kaelin, MD, FAAPMR**  
2018 AAPM&R President



### Thank You

The Academy thanks Andre Panagos, MD, MSc, FAAPMR, for his 4 years of distinguished service as Chairman of the Program Planning Committee as well as his tenure as a member of the Medical Education Committee.

### Thank You to the AAPM&R Program Planning Committee:

#### Andre Panagos, MD, FAAPMR, Chair

Matthew D. Adamkin, MD, FAAPMR  
Rachel A. Brakke, MD, FAAPMR  
Justin M. Burton, MD, FAAPMR  
David S. Cheng, MD, FAAPMR  
Peter A. Dawson, MD, FAAPMR  
David R. Gater, Jr., MD, PhD, MS, FAAPMR  
Brett A. Gerstman, MD, FAAPMR  
Benton T. Giap, MD, FAAPMR

David J. Haustein, MD, FAAPMR  
Sandra L. Hearn, MD, FAAPMR  
Thomas Hudgins, MD, FAAPMR  
Sarah K. Hwang, MD, FAAPMR  
Shawn P. Jorgensen, MD, FAAPMR  
Corinne M. Layne Stuart, DO, FAAPMR  
Diane Mortimer, MD, MSN, FAAPMR  
Vishwa S. Raj, MD, FAAPMR

**PLEASE JOIN US FOR AN INTERACTIVE PRESENTATION**

Sponsored by Daiichi Sankyo, Inc. & Inspirion Delivery Sciences

# **Opioid Therapy Insights: A Holistic Approach to Managing Patients**

Friday, October 26, 2018 • 12:45 PM – 1:45 PM

## **LOCATION**

Lunch & Learn B, PM&R Pavilion  
Orange County Convention Center  
Orlando, Florida

## **FACULTY**



### **Srinivas Nalamachu, MD**

President and Medical Director  
International Clinical  
Research Institute  
Co-Director  
Pain Management Institute  
Overland Park, Kansas

## **PROGRAM DESCRIPTION**

In this interactive, industry-sponsored presentation, we will discuss when to consider an abuse-deterrent opioid for chronic pain. We will also explore treatment options for opioid-induced constipation in adult patients with chronic non-cancer pain.

This program is being sponsored by Daiichi Sankyo, Inc. The speaker is being compensated for the presentation. The program is not CME accredited and may not be used for CME accreditation. In adherence with PhRMA guidelines, spouses or other guests are not permitted to attend company-sponsored programs. Please be advised that information such as your name and the value and purpose of any educational item, meal or other items of value you may receive may be publicly disclosed. If you are licensed in any state or other jurisdiction, or are an employee or contractor of any organization or governmental entity that limits or prohibits meals from pharmaceutical companies, please identify yourself so that compliance with such requirements can be ensured.

## GENERAL INFORMATION

### General Disclaimer

By virtue of participation, meeting registrants grant to the American Academy of Physical Medicine and Rehabilitation, its representatives, and employees the right to take photographs and record videos of them in connection with the 2018 AAPM&R Annual Assembly. It is agreed that AAPM&R may use such photographs and videos of registrants with or without the registrant's name and for any lawful purpose, including (for example) publicity, illustration, advertising, and web content.

### ADA Statement

AAPM&R conferences are ADA compliant. We strive to take the appropriate steps required to ensure that no individual with a disability is excluded, denied services, segregated or otherwise treated differently. All requests for special accommodations under ADA must be made in advance to allow enough time for evaluation and appropriate action by AAPM&R. For more details on venue accessibility, turn to page 5 and access maps on pages 6-7.

### Non-Attendee Guest Registration

The Non-Attendee Guest Registration fee is \$75 per person and allows admittance to the Job and Fellowship Fair, Welcome Reception, and PM&R Pavilion. Guest badges do not allow for admittance into General Sessions, Lunch and Learns, Satellite Symposia or ticketed events. Badges must be worn at all events for admittance. Co-workers, or those associated within the physiatry industry do not qualify for a non-attendee guest badge. These individuals must register in the appropriate professional or exhibitor category.

### Children and Infant Policy for the Meeting

Children 3 and under are free and registration is not required. Children ages 4-20 years who wish to attend select Academy functions must be registered for the Annual Assembly. Registration for children ages 4-20 years is \$15 per child and includes admittance to the Welcome Reception on Thursday evening. Children must be accompanied by a registered adult attendee and wear their badge for admittance.

To provide an optimal learning environment for all attendees, infants and children are not permitted in educational sessions. Exceptions will be made for nursing mothers. A nursing room will be available at the convention center for use between sessions. Please visit the Registration Desk for assistance.

### Cell Phones, Cameras, and Recorders in Educational Sessions

AAPM&R requests that all cell phones and pagers be turned off during sessions as a courtesy to other attendees. The use of cameras and personal recording devices are not permitted during sessions or in the Poster Hall. Unauthorized distribution of Annual Assembly meeting content is strictly prohibited.

### Internet Access

AAPM&R will offer complimentary wireless Internet access at the 2018 Annual Assembly in the Orange County Convention Center. For more information, visit the Member Solution Center. For Wi-Fi access, please use the following:

Network: AAPMR

Password: Physiatry

### Antitrust Compliance Notice

AAPM&R and its members are committed to full compliance with all laws and regulations, and to maintaining the highest ethical standards in the way we do business. This commitment includes strict compliance with federal and state antitrust laws. Visit [www.aapmr.org](http://www.aapmr.org) for details regarding the Academy policy and how to follow them.

### Anti-Harassment Policy

If you experience conduct at an Academy event, which you believe is inconsistent with the Academy's behavioral expectations, please contact the Academy's Director of Human Resources at (847) 737-6068. If you are concerned for your safety or the safety of another person or are the victim of a crime, contact the local police.

AAPM&R is committed to fostering an environment that is welcoming and free from all forms of discrimination and harassment based on race, color, creed, religion, national origin, sex, sexual orientation, disability, age, marital status, status regarding public assistance, veteran or military status or any other legally-protected status.

To read the entire AAPM&R Anti-Harassment policy, please visit [www.aapmr.org](http://www.aapmr.org).

## IMPORTANT SCHEDULES

### Registration, Member Solution Center, and Digital Assistance

#### Convention Center, West D Lobby, Level II

Wednesday, October 24	1 pm–7 pm
Thursday, October 25	7 am–7 pm
Friday, October 26	7 am–5:30 pm
Saturday, October 27	7 am–5 pm
Sunday, October 28	8 am–11 am

### PM&R Pavilion

#### Convention Center, Exhibit Hall WD2, Level II

See page 49 for a full list of activities in the PM&R Pavilion

#### Thursday, October 25 12:30 pm–7 pm

Grab N' Go Lunch	12:30 pm–2 pm
Welcome Reception in the PM&R Pavilion	5 pm–7 pm

#### Friday, October 26 9 am–3:45 pm

Grab N' Go Lunch	12:30 pm–2 pm
Coffee service, Learning Center, and Lunch and Learn Presentations are available in the PM&R Pavilion.	

#### Saturday, October 27 9 am–12:45 pm

Grab N' Go Lunch	11:15 am–12:45 pm
Coffee service, Learning Center, and Lunch and Learn Presentations are available in the PM&R Pavilion.	

### General Poster Viewing

#### Convention Center, Exhibit Hall WD2, Level II

Thursday, October 25	5 pm–7 pm
Friday, October 26	9 am–3:45 pm
Saturday, October 27	9 am–12:45 pm

See page 30 for details about this year's poster presentations.

### Speaker Ready Room

#### Convention Center, Room W223B, Level II

AAPM&R provides a Speaker Ready Room for all faculty to check in prior to their sessions, make minor adjustments to their presentations, and check their slides. Please be sure to check into the Speaker Ready Room at least 3 hours prior to your session.

Wednesday, October 24	1 pm–7 pm
Thursday, October 25	7 am–5 pm
Friday, October 26	7 am–5 pm
Saturday, October 27	7 am–5 pm
Sunday, October 28	7:30 am–9 am



#### Where to Find Your Session Handouts

All handouts will be available in the #AAPMR2018 mobile app and in your Assembly e-newsletters. Printed handouts are not available onsite.

## MEET YOUR CME AND MOC® REQUIREMENTS

### Accreditation

The American Academy of Physical Medicine and Rehabilitation (AAPM&R) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education (CME) for physicians.

### Maintenance of Certification®

The American Board of Physical Medicine and Rehabilitation (ABPMR) has approved the Preconference Courses and Skills Labs for Maintenance of Certification® (MOC®) Part II Self-Assessment credit. Upon successful completion of the activity requirements, participants will earn Part II Self-Assessment credits equal to the number of CME credits claimed.

### CME Credit Designation

AAPM&R designates Annual Assembly live educational sessions for a maximum of 27.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AAPM&R designates credit separately for the preconference courses held prior to the Annual Assembly. Physicians may claim 7.25 to 17.75 *AMA PRA Category 1 Credits™* for participation in one of the preconference courses.

### CME Claiming

CME claim stations will open at kiosks near the Member Solution Center on Thursday, October 25 at 10 am for preconference courses. You may begin claiming CME for the Annual Assembly at noon on Friday, October 26. CME claim stations will close Sunday, October 28 at 11 am. CME may also be claimed online at [me.aapmr.org](http://me.aapmr.org).

### Disclosure

AAPM&R requires all individuals who are in a position to control the content of an educational activity to disclose all relevant financial relationships with any commercial interest, which is any entity producing, marketing, re-selling or distributing health care goods or services consumed by, or used on, patients. Disclosures are made in written form prior to the start of the educational activity and any potential conflicts of interest that exist are resolved prior to the start of the activity through AAPM&R's Conflict of Interest Disclosure and Resolution Policy Process. All disclosures are made available and communicated to the learners prior to the activity starting.



## Dear fellow participants of the AAPM&R 2018 Annual Assembly,

Your continued support and thoughtful suggestions have helped the Annual Assembly be the model of accessibility for national and international medical meetings. Our Academy is grateful to all the members who have made this possible.

The Orange County Convention Center (OCCC) will house this year's Annual Assembly events in an ADA-accessible indoor area and it is the second largest convention center in the United States. The OCCC is located in the heart of the area's tourism district surrounded by hotels connected by covered walkways to the convention center. Flip to the next page to view the maps. The closest hotel to the Annual Assembly's space at the OCCC is the Hyatt Regency followed by the Rosen Centre. Tower 1 at Hyatt Regency is closer to the OCCC than Tower 2. About 0.6 miles from OCCC is Pointe Orlando where ADA-accessible restaurants, shops, and live entertainment can be found. A national chain pharmacy is located within 2 city blocks from the OCCC and across a side street from the Rosen Centre. The sidewalks around OCCC are accessible with curb cuts and good width to allow those using mobility devices to travel comfortably with their able-bodied colleagues.

The President's Reception is taking place at various contiguous venues within Universal CityWalk™, which are also ADA-accessible. There are elevators to the wheelchair-accessible second floor at these venues. The accessible bathrooms are located on the 1st floor at Bob Marley—A Tribute to Freedom™, 2nd floor at CityWalk's Rising Star™, 1st & 2nd floor at Pat O'Brien's®, and 1st floor of the groove™. I found that the easiest pedestrian traffic flow is to first go to Bob Marley—A Tribute to Freedom™, followed by CityWalk's Rising Star™, Pat O'Brien's®, and the groove™ in that order. However, depending on your taste in music, you may decide otherwise.

In preparation for the AAPM&R 2018 Annual Assembly, the Academy worked with a consultant in architectural barriers and universal design to tour and assess the OCCC and Universal Orlando Resort™ to ensure that Academy-sponsored events will be accessible to all participants. This assessment was documented in a detailed site survey and made available in the Accessibility Information section of the Annual Assembly website.

As in prior years, I personally visited this year's site with staff and provided my input regarding accessibility features. I remain confident that the site evaluation and remediation process has been given the necessary attention.

We understand that despite all the preparations, there may still be unanticipated issues pertaining to accessibility. We again ask for your support and feedback to help us ensure our future Annual Assemblies remain a model for accessibility.

Come enjoy the thrills, sights, and delights of the City Beautiful!

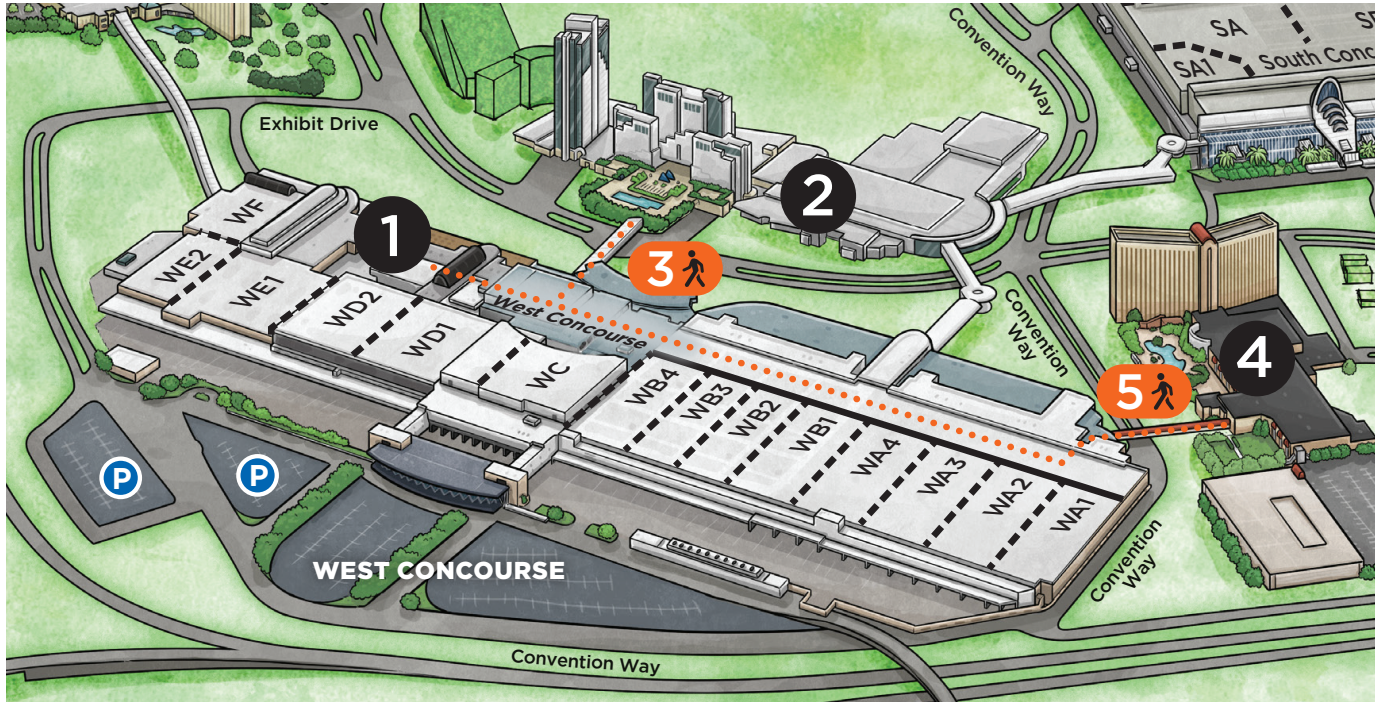
Kind regards,

A handwritten signature in blue ink, appearing to read 'S. H. Wu'.

**Sam S. H. Wu, MD, MA, MPH, MBA, FAAPMR**

Past AAPM&R Board of Governors Member

## WEST CONCOURSE



- 1 Annual Assembly Registration
- 2 Hyatt Regency Orlando
- 3 Recommended path to Assembly registration via Hyatt Regency Orlando (0.2 miles)
- 4 Rosen Centre Hotel
- 5 Recommended path to Assembly registration via Rosen Centre Skywalk (0.6 miles)

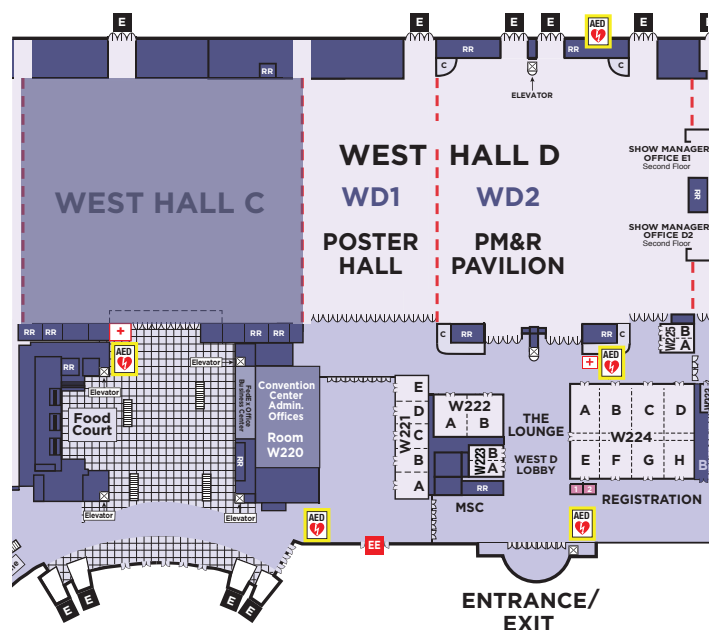
## I-RIDE TROLLEY

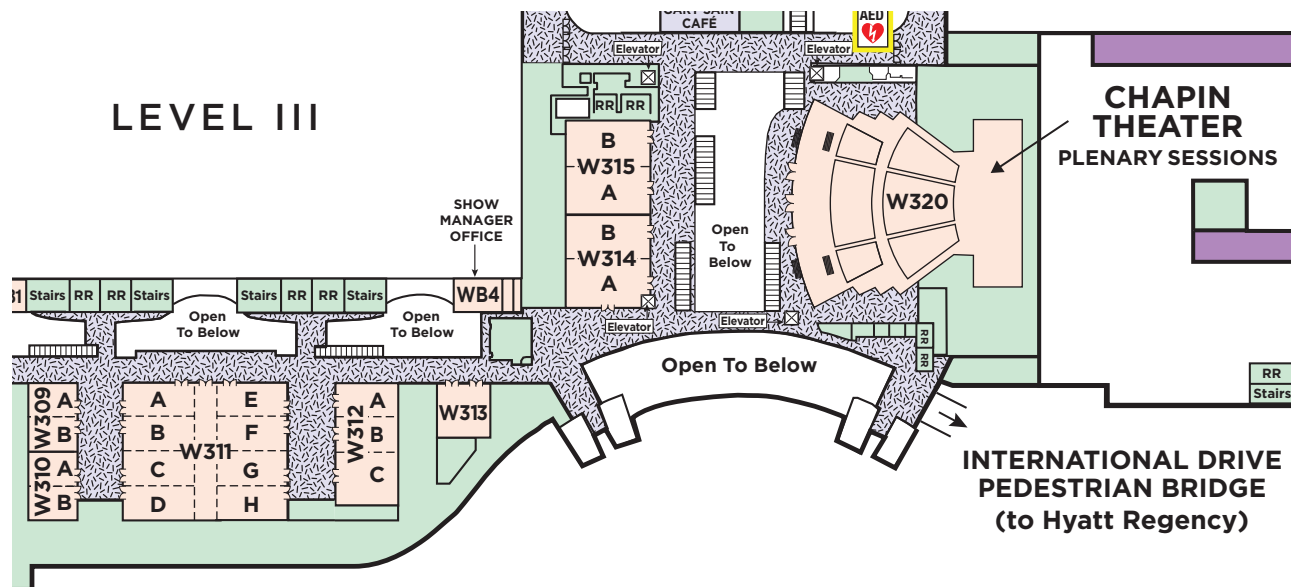
The I-Ride Trolley is a convenient and accessible transportation option for traveling around the convention center campus, making stops at hotels, dining, and attractions along International Drive. Single and multi-day passes are available, ranging from \$5-\$9, and are available for purchase at Assembly hotels. Please visit [www.iritrolley.com](http://www.iritrolley.com) for complete fare information and maps.

### Please Share Your Feedback!

While you're here, stop by the registration desk with your questions about accessibility. Our goal is to ensure that everyone can navigate the Assembly with ease, so please stop over—we would love to hear from you.

## LEVEL II





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# SCHEDULE-AT-A-GLANCE

TUESDAY, OCTOBER 23					
8 am–5 pm	 <b>PRECON</b> PRECONFERENCE COURSES 				
WEDNESDAY, OCTOBER 24					
8 am–2 pm	 <b>PRECON</b> PRECONFERENCE COURSES 				
2 pm–5 pm		<b>SKILLS LABS</b> 			
2 pm–5 pm	EVIDENCE-BASED MEDICINE PRINCIPLES AND PRACTICE				
6:30 pm–9 pm	JOB AND FELLOWSHIP FAIR				
THURSDAY, OCTOBER 25					
8:15 am–9:30 am	CONCURRENT SESSIONS	<b>SKILLS LABS</b> 			
9:30 am–9:45 am	BREAK				
9:45 am–11 am	CONCURRENT SESSIONS				
11:15 am–12:30 pm	PLENARY KEYNOTE				
12:30 pm–2 pm	GRAB N' GO LUNCH IN THE PM&R PAVILION			<ul style="list-style-type: none"><li>• Learning Center</li><li>• PM&amp;R Pavilion</li><li>• Posters</li></ul>  Opens at 12:30 pm Closes at 7 pm	
12:45 pm–1:45 pm	LUNCH AND LEARN PRESENTATIONS IN THE PM&R PAVILION				
2 pm–3:15 pm	CONCURRENT SESSIONS	<b>SKILLS LABS</b> 			
3:15 pm–3:45 pm	BREAK				
3:45 pm–5 pm	CONCURRENT SESSIONS				
5 pm–7 pm	WELCOME RECEPTION IN THE PM&R PAVILION				
FRIDAY, OCTOBER 26					
8 am–9:15 am	CONCURRENT SESSIONS	<b>SKILLS LABS</b> 	<ul style="list-style-type: none"><li>• Learning Center</li><li>• PM&amp;R Pavilion</li><li>• Posters</li></ul>  Opens at 9 am		
9:15 am–10 am	BREAK				
10 am–11:15 am	CONCURRENT SESSIONS				
11:15 am–11:30 am	BREAK				
11:30 am–12:30 pm	PLENARY KEYNOTE				
12:30 pm–2 pm	GRAB N' GO LUNCH IN THE PM&R PAVILION			<ul style="list-style-type: none"><li>• Learning Center</li><li>• PM&amp;R Pavilion</li><li>• Posters</li></ul>  Closes at 3:45 pm	
12:45 pm–1:45 pm	LUNCH AND LEARN PRESENTATIONS IN THE PM&R PAVILION				
2 pm–3:15 pm	CONCURRENT SESSIONS	<b>SKILLS LABS</b> 			
3:15 pm–3:45 pm	BREAK				
3:45 pm–5 pm	CONCURRENT SESSIONS				
3:45 pm–6 pm	AAPM&R RESIDENT QUIZ BOWL AND IN-TRAINING RECEPTION				
7 pm–11 pm	PRESIDENT'S RECEPTION AT UNIVERSAL CITYWALK™ 				
SATURDAY, OCTOBER 27					
8 am–9:15 am	CONCURRENT SESSIONS	<b>SKILLS LABS</b> 	<ul style="list-style-type: none"><li>• Learning Center</li><li>• PM&amp;R Pavilion</li><li>• Posters</li></ul>  Closes at 12:45 pm		
9:15 am–10 am	BREAK				
10 am–11:15 am	CONCURRENT SESSIONS				
11:15 am–12:45 pm	GRAB N' GO LUNCH IN THE PM&R PAVILION				
12:45 pm–1:45 pm	PLENARY KEYNOTE				
1:45 pm–2 pm	BREAK	<b>SKILLS LABS</b> 			
2 pm–3:15 pm	CONCURRENT SESSIONS				
3:15 pm–3:30 pm	BREAK				
3:30 pm–4:45 pm	CONCURRENT SESSIONS				
Evening	ALUMNI RECEPTIONS				
SUNDAY, OCTOBER 28					
8:30 am–9:45 am	CONCURRENT SESSIONS				
9:45 am–10 am	BREAK				
10 am–11:30 am	PLENARY KEYNOTE				

\*Subject to change

 = paid ticket required

# We're proud to sponsor the American Academy of Physical Medicine and Rehabilitation


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# THE #AAPMR2018 AGENDA

 = paid ticket required

TIME	PRECON  PRECONFERENCE COURSES 		SKILLS AND LEADERSHIP LABS 
TUESDAY, OCTOBER 23			
8 am–5 pm	 Step One: Ultrasound Clinical Applications of the Extremities (Day 1) ROOM W312AC, LEVEL III		
	 Nonclinical Career Options for Physiatrists (Day 1) HYATT REGENCY ORLANDO, ORLANDO BALLROOM N		
WEDNESDAY, OCTOBER 24			
8 am–5 pm	 Step One: Ultrasound Clinical Applications of the Extremities (Day 2) ROOM W312AC, LEVEL III		
	 Nonclinical Career Options for Physiatrists (Day 2) HYATT REGENCY ORLANDO, ORLANDO BALLROOM N		
	 Regenerative Medicine: Promises and Challenges in the Treatment of Musculoskeletal Conditions HYATT REGENCY ORLANDO, ORLANDO BALLROOM L		
	 Navigating Early-Career Decisions for Success in Physiatry Practice HYATT REGENCY ORLANDO, ORLANDO BALLROOM M		
1 pm–7 pm	REGISTRATION, MEMBER SOLUTION CENTER OPEN		
2 pm–5 pm	<b>Evidence-Based Medicine Principles and Practice</b> (open to all attendees) ROOM W311EF, LEVEL III	<div>801. Sideline Medicine ROOM W311AB, LEVEL III</div> <div>802. Musculoskeletal Ultrasound Imaging of Lower and Upper Extremity Nerves: Identification and Injection Techniques ROOM W311CD, LEVEL III</div> <div>803. Advanced Diagnostic Musculoskeletal Ultrasound of the Shoulder ROOM W311GH, LEVEL III</div>	
6:30 pm–9 pm	<div> JOB AND FELLOWSHIP FAIR EXHIBIT HALL WD1, LEVEL II</div>		



## Download the #AAPMR2018 Mobile App to:

- Play the Assembly 360° Challenge game—win prizes! (see page 51 for details)
- Customize your day-to-day schedule
- Review course handouts
- Browse speaker information
- View an attendee list
- Find exhibitors that match your clinical interests
- Access maps



Visit [www.aapmr.org/app](http://www.aapmr.org/app) to find download instructions.

TIME	CLINICAL SYMPOSIA
7 am–7 pm	REGISTRATION, MEMBER SOLUTION CENTER OPEN
7:15 am–8 am	FIRST-TIME ATTENDEE ORIENTATION ROOM W222A, LEVEL II
8 am–9:30 am	403. <b>EXTENDED INTERACTIVE SYMPOSIUM!</b> Electrodiagnosis of Brachial Plexopathies and Mimics [EMG] ROOM W222B, LEVEL II
8:15 am–9:30 am	101. “The Hip Rotator Cuff”: Managing the Enigma of Lateral Hip Pain in Athletes and Active Adults [MSK] ROOM W224EF, LEVEL II 102. Musculoskeletal Pain in Pregnancy and Postpartum [MSK] ROOM W312AB, LEVEL III 201. Believe It or Not: Treatment of Atypical Upper Motor Neuron Disorders with Botulinum Toxins [CNS] ROOM W315AB, LEVEL III 401. Past, Present, and Future of Pediatric Rehabilitation Medicine: Research Updates and State of the Field [PEDIATRICS] ROOM W224DH, LEVEL II 402. Cardiopulmonary Complications of Cancer and Their Treatment: How Aerobic Exercise Can Change the Survivorship Trajectory [CANCER] ROOM W222A, LEVEL II 501. An Update on the Safety of Spine Procedures: What You Need to Know Now! [SPINE AND PAIN] ROOM W314AB, LEVEL III
9:30 am–9:45 am	REFRESHMENT BREAK
9:30 am–11 am	503. <b>EXTENDED INTERACTIVE SYMPOSIUM!</b> Spine Imaging Interpretation for the PM&R Specialist [SPINE AND PAIN] W312C, LEVEL III
9:45 am–11 am	103. Nerve Structure and Function—Assessment by NCV and US in Everyday Patients [MSK] ROOM W224DH, LEVEL II 104. The Unique Rehabilitative Needs of Women: Osteoporosis and Bone Health Across the Lifespan Pre-Menarche to Menopause and Beyond... [MSK] ROOM W312AB, LEVEL III 202. Current Topics in Stroke Rehabilitation [CNS] ROOM W224EF, LEVEL II 502. Clinical & Regulatory Applications of Medical Cannabis for the Physiatric Practitioner [SPINE AND PAIN] ROOM W315AB, LEVEL III
11 am–11:15 am	REFRESHMENT BREAK
11:15 am–12:30 pm	PRESIDENTIAL ADDRESS—DARRYL KAEIN, MD, FAAPMR PLENARY KEYNOTE—GAME PLAN FOR SUCCESS—LOU HOLTZ CHAPIN THEATER, LEVEL III
12:30 pm–7 pm	PM & R PAVILION OPEN / GRAB N’ GO LUNCH (12:30 pm–2 pm)
12:45 pm–1:45 pm	LUNCH AND LEARN PRESENTATIONS IN THE PM&R PAVILION

## Pick Up Your #PhysiatryDay T-Shirt—Our Gift to You!

On Friday, October 26, we’re putting physiatry first! Celebrate with us by picking up your complimentary Physiatry Day t-shirt from the Member Solution Center on Thursday and plan to wear it on Friday.

**Why a t-shirt?** Imagine thousands of physiatrists wearing the same t-shirt. It’s a visual of the specialty united and celebrating together!

T-shirts are limited to 1 per attendee to ensure there are enough for everyone. Based on input from last year’s Physiatry Day, we’ve also updated the sizing options. We hope you find the t-shirt comfortable and fun to wear with your peers.



PRACTICE, TECHNOLOGY, AND RESEARCH SYMPOSIA		SKILLS AND LEADERSHIP LABS	LEARNING CENTER
REGISTRATION, MEMBER SOLUTION CENTER OPEN			
FIRST-TIME ATTENDEE ORIENTATION ROOM W222A, LEVEL II			
			
301. Avoiding Denials and Surviving Audits [PRACTICE] ROOM W224CG, LEVEL II			
REFRESHMENT BREAK			
302. AAPM&R's Qualified Clinical Data Registry Phase 2: Enhancing Clinical Spine Data Capture and Testing Patient Reported Outcomes in Participant Sites [PRACTICE] ROOM W222A, LEVEL II			
303. Emergency Preparedness for People with Disabilities [PRACTICE] ROOM W224CG, LEVEL II		804. Ultrasound Probe: The Stethoscope of Sports Medicine Physiatrists ROOM W311AB, LEVEL III	
404. Innovation in Prosthetic Design, Impact in PM&R, and the Patients We Serve [NEW TECHNOLOGIES] ROOM W314AB, LEVEL III		805. Introduction to Osteopathic Manipulative Medicine ROOM W311CD, LEVEL III	
		806. Evaluation of Cervical Spine Pain and Correlation with Injection Procedures ROOM W311GH, LEVEL III	
REFRESHMENT BREAK			
PRESIDENTIAL ADDRESS—DARRYL KAELIN, MD, FAAPMR PLENARY KEYNOTE—GAME PLAN FOR SUCCESS—LOU HOLTZ CHAPIN THEATER, LEVEL III			
PM&R PAVILION OPEN/GRAB N' GO LUNCH (12:30 pm–2 pm)			
LUNCH AND LEARN PRESENTATIONS IN THE PM&R PAVILION			



## New This Year—Grab N' Go Lunch!

Enjoy **complimentary** lunch while walking around and seeing the latest innovations in the PM&R Pavilion. Lunch will be provided on Thursday and Friday from 12:30 pm–2 pm and on Saturday from 11:15 am–12:45 pm. Don't miss it!

TIME	CLINICAL SYMPOSIA
2 pm–3:15 pm	105. Gait and Motion Analysis in Musculoskeletal and Sports Medicine Practice <b>[MSK]</b> <b>ROOM W222A, LEVEL II</b> 203. Realizing the Promise of Rehabilitation Robotics in Neurological Rehabilitation <b>[CNS]</b> <b>ROOM W315AB, LEVEL III</b> 204. New National Practice Guidelines for Disorders of Consciousness: Introduction and Implementation <b>[CNS]</b> <b>ROOM W314AB, LEVEL III</b> 405. Cancer Rehabilitation: A Point and Counterpoint Debate. Is Specialization Necessary to Meet the Needs of Cancer Survivors? <b>[CANCER]</b> <b>ROOM W224CG, LEVEL II</b> 504. Orthobiologic Injections for the Hip <b>[SPINE AND PAIN]</b> <b>ROOM W224EF, LEVEL II</b>
2 pm–3:30 pm	505. <b>EXTENDED INTERACTIVE SYMPOSIUM!</b> Electrodiagnostic and Ultrasound Techniques for Carpal Tunnel Syndrome <b>[SPINE AND PAIN]</b> <b>ROOM W222B, LEVEL II</b>
3:15 pm–3:45 pm	REFRESHMENT BREAK
3:30 pm–5 pm	508. <b>EXTENDED INTERACTIVE SYMPOSIUM!</b> Bedside and Clinic Tools to Evaluate Cognitive and Neuromuscular Function for Fall Risk and Injury Assessment <b>[SPINE AND PAIN]</b> <b>ROOM W312C, LEVEL III</b>
3:45 pm–5 pm	106. Practical Application of Myoanabolics in Rehabilitation <b>[MSK]</b> <b>ROOM W315AB, LEVEL III</b> 205. Managing Pain in Patients with Severe Brain Injury <b>[CNS]</b> <b>ROOM W315AB, LEVEL III</b> 206. Pearls from the Changing Landscape of Autonomic Dysreflexia <b>[CNS]</b> <b>ROOM W224CG, LEVEL II</b> 506. Hip–Spine Syndrome: Clinical Applications for General Outpatient Physiatrists and Those Practicing in More Specialized Settings like Spine or Sports Clinics <b>[SPINE AND PAIN]</b> <b>ROOM W224EF, LEVEL II</b>
5 pm–7 pm	WELCOME RECEPTION IN THE PM&R PAVILION/POSTER HALL OPEN
7 pm	STATE SOCIETY MEETINGS (See page 45 for details.)
8:30 pm–9:30 pm	“PROOF OF THE PUDDING” DEBATE HYATT REGENCY ORLANDO, BALLROOM L

Support of Annual Assembly education, including preconference courses, has been provided through educational grants (financial and in-kind) from the following companies in accordance with ACCME guidelines:

## FINANCIAL

Allergan, Inc.	Arthrex	Daiichi Sankyo, Inc.	Ipsen Biopharmaceuticals, Inc.
Jazz Pharmaceuticals, Inc.		Merz Pharmaceuticals, LLC	Saol Therapeutics

## IN-KIND DURABLE EQUIPMENT

7D Imaging, Inc.	Cadwell	Hanger Clinic	Össur
Allergan, Inc.	Cascade Dafo	Hocoma	Simulaids
Ambu	Edan Instruments, Inc.	Intronix	Terason
Arthrex	EmCyte Corporation	Konica Minolta	Tyromotion GmbH
BioTAB HealthCare	Fujifilm SonoSite, Inc.	Lipogems	
BSN medical, Inc.	GE Healthcare	Merz Pharmaceuticals, LLC	

PRACTICE, TECHNOLOGY, AND RESEARCH SYMPOSIA	SKILLS AND LEADERSHIP LABS	LEARNING CENTER
<p>304. 2018 MIPS Update: Preparing Your Practice for Reporting and Strategies to Improve Performance [PRACTICE] ROOM W312AB, LEVEL III</p> <p>305. Utilizing Technology to Optimize Patient Care: Development and Implementation of an Innovative Meds to Beds Program [PRACTICE] ROOM W224DH, LEVEL II</p>		<p><b>HANDS-ON</b></p> <p><b>12:30 pm–2 pm</b></p> <ul style="list-style-type: none"> <li>Obtaining Meaningful Lower Limb Sensory Nerves to Enhance Electrodiagnostic Study</li> </ul> <p><b>2 pm–2:30 pm</b></p> <ul style="list-style-type: none"> <li>AAPM&amp;R's Registry Dashboard Demonstration</li> </ul> <p><b>2 pm–3:30 pm</b></p> <ul style="list-style-type: none"> <li>Initial Treatment Approaches for Interdisciplinary Pain Management by Physical Therapy, Occupational Therapy, Clinical Psychology, and Biofeedback/Relaxation Therapist</li> </ul> <p><b>3:30 pm–5 pm</b></p> <ul style="list-style-type: none"> <li>The Practical Assessment of Post-Concussive Headaches</li> </ul>
REFRESHMENT BREAK	<p>807. Ultrasound Guidance for Chemodenervation Procedures: Upper Limb ROOM W311AB, LEVEL III</p> <p>808. Advanced Diagnostic Musculoskeletal Ultrasound of the Elbow and Surrounding Area ROOM W311CD, LEVEL III</p> <p>809. Musculoskeletal Ultrasound: Lower Limb ROOM W311GH, LEVEL III</p>	<p><b>LIVE THEATER</b></p> <p><b>12:30 pm–1:15 pm</b></p> <ul style="list-style-type: none"> <li>PHiT Fire: Rapid Fire Presentations on "Success Through Innovation"</li> </ul> <p><b>1:15 pm–2 pm</b></p> <ul style="list-style-type: none"> <li>Promising Practices with Non-Invasive Neuromodulation in Rehabilitation</li> </ul> <p><b>2 pm–2:45 pm</b></p> <ul style="list-style-type: none"> <li>Research Spotlight: General Rehabilitation; Musculoskeletal and Sports Medicine</li> </ul> <p><b>3:30 pm–5 pm</b></p> <ul style="list-style-type: none"> <li>Musculoskeletal Case Presentations</li> </ul>
<p>306. 2018 Coding and Billing Update: Documenting Evaluation and Management Services, Billing with Advanced Practice Providers, and How to Use Modifiers [PRACTICE] ROOM W312AB, LEVEL III</p> <p>406. Exploring Novel Diagnostic and Therapeutic Approaches in Neuromuscular Medicine Using a Case-Based Learning Method [EMG] ROOM W222A, LEVEL II</p> <p>507. Top Papers in Spine and Pain [RESEARCH] ROOM W314AB, LEVEL III</p>		
WELCOME RECEPTION IN THE PM&R PAVILION/POSTER HALL OPEN		
STATE SOCIETY MEETINGS (See page 45 for details.)		
"PROOF OF THE PUDDING" DEBATE HYATT REGENCY ORLANDO, BALLROOM L		

## TIME TO #CelebratePHiT30!



2018 marks a very special anniversary for the AAPM&R Physiatrist in Training (PHiT) Council (previously known as the Resident Physician Council). For 30 years, the engagement of our resident members has been extremely valuable to the Academy and the entire specialty.

For the past several months, we've been sharing stories and pictures from past RPC presidents and members, recounting their experiences with AAPM&R, and its impact on their education and career.

#AAPMR2018 attendees have a special opportunity to join in the fun! While you're here in Orlando, re-connect with past residents from your program. Share your photos and memories of being in the Resident Council on social media and tag **#CelebratePHiT30**.

TIME	CLINICAL SYMPOSIA
6:30 am–7:45 am	BREAKFAST SATELLITE SYMPOSIA HYATT REGENCY ORLANDO, ORLANDO BALLROOM N
7 am–5:30 pm	REGISTRATION, MEMBER SOLUTION CENTER OPEN
8 am–9:15 am	<p>117. Shoulder Health of the Athlete Competing in Wheelchair Sports [MSK] ROOM W314AB, LEVEL III</p> <p>119. Physiatrists' Role in Inclusive Health: Caring for Patients with Intellectual Disability [MSK] ROOM W312AB, LEVEL III</p> <p>207. New Insights Into Motor Recovery after Stroke: Disordered Synergy Production, Muscle Overactivity Phenomena, and Motor Outcome Prediction [CNS] ROOM W315AB, LEVEL III</p> <p>208. Advanced Understanding of Urinary Symptom and Urinary Tract Infection Evidence in People with Neurogenic Bladder [CNS] ROOM W224EF, LEVEL II</p> <p>408. Working Out and Working Together as a Team: Creating an Innovative Academic and Community Partnership to Optimize Physical Activity in Lung Cancer Survivors [CANCER] ROOM W222A, LEVEL II</p> <p>509. Employing Comprehensive Spine Care [SPINE AND PAIN] ROOM W224DH, LEVEL II</p>
9 am–3:45 pm	PM & R PAVILION AND POSTER HALL OPEN
9:15 am–10 am	REFRESHMENT BREAK
10 am–11:15 am	<p>107. The Interplay of Hormones and Sports Injuries in Female, Male, and Transgender Athletes [MSK] ROOM W315AB, LEVEL III</p> <p>209. Aerobic Exercise Combats Disability: Mechanisms and Science of Benefits of Aerobic Exercise on Physical and Cognitive Function Following Stroke, Traumatic Brain Injury, and Cancer Diagnosis—Mirroring a Cardiac Rehab Model [CNS] ROOM W224CG, LEVEL II</p> <p>510. Interventional Spine Techniques—Fundamental Approaches to Simplify the Challenging Procedures [SPINE AND PAIN] ROOM W224EF, LEVEL II</p> <p>909. 2017 Scott F. Nadler PASSOR Musculoskeletal Research Grant Winner Lecture ROOM W222B, LEVEL II</p>
11:15 am–11:30 am	REFRESHMENT BREAK
11:30 am–12:30 pm	PLENARY KEYNOTE—THE DISNEY INSTITUTE APPROACH TO BEING BOLD AND INNOVATIVE—KATIE SANCHEZ CHAPIN THEATER, LEVEL III
12:30 pm–2 pm	GRAB N' GO LUNCH IN THE PM&R PAVILION
12:45 pm–1:45 pm	LUNCH AND LEARN PRESENTATIONS IN THE PM&R PAVILION
1:45 pm–4:30 pm	GME SUMMIT ROOM W312C, LEVEL III

## Celebrate #PhysiatryDay with Us

- Wear your Physiatry Day t-shirt—our gift to you!
- Snap photos with your peers and post them to social media using #PhysiatryDay
- Stop by the Member Solution Center to record a short, 20-second video message to share with your peers!
- Tell everyone why you are a “Physiatrist & \_\_\_\_\_.”

PRACTICE, TECHNOLOGY, AND RESEARCH SYMPOSIA	SKILLS AND LEADERSHIP LABS	LEARNING CENTER
BREAKFAST SATELLITE SYMPOSIA HYATT REGENCY ORLANDO, ORLANDO BALLROOM N		
REGISTRATION, MEMBER SOLUTION CENTER OPEN		
<p>307. Health Care on the Hill and Beyond: The Current Health Policy Environment and Academy Advocacy Efforts [PRACTICE] ROOM W224CG, LEVEL II</p> <p>310. Who Mentors the Mentor? A Multi-Generational Approach to Identifying the Professional and Career Development Needs of the Physiatrist at All Levels of Practice [PRACTICE] ROOM W312C, LEVEL III</p> <p><b>AMERICAN ACADEMY OF PHYSICAL MEDICINE AND REHABILITATION (AAPM&amp;R) TOWN HALL</b> (starts at 8:15 am) ROOM W222B, LEVEL II</p>	<p>810. Ultrasound Evaluation of Peripheral Nerves ROOM W311AB, LEVEL III</p> <p>811. Interpretation of MRI Shoulder and Knee with Ultrasound Correlation ROOM W311CD, LEVEL III</p> <p>812. Fundamental Ultrasound of the Upper Extremity ROOM W311GH, LEVEL III</p>	<p><b>HANDS-ON</b> <b>9:30 am-10 am</b> • AAPM&amp;R's Registry Dashboard Demonstration</p> <p><b>9:30 am-11 am</b> • 3D Printing: A Revolution in Production of Prosthesis and Orthotics</p> <p><b>11 am-12:30 pm</b> • Robotic Rehabilitation Interventions After Stroke and Acquired Brain Injury</p> <p><b>LIVE THEATER</b> <b>9:30 am-10:15 am</b> • Technologically Challenged: Experiences with Wearable Technology, Web-Based Programs, and Telemedicine</p> <p><b>10:15 am-11 am</b> • Localizing Sites of Ulnar Nerve Entrapment</p> <p><b>11 am-12:30 pm</b> • Research Spotlight: Pain and Spine; Neurological Rehabilitation</p>
PM&R PAVILION		
REFRESHMENT BREAK		
<p>605. <b>Advancing Physiatry's Future: Explore NEW Models of MSK Care</b> [MSK] ROOM W312C, LEVEL III</p> <p>AAPM&amp;R Advocacy on Capitol Hill and Beyond: Town Hall Discussion ROOM W222B, LEVEL II</p> <p>308. Career Transitions: Pearls, Pitfalls, and Developing a Practical Plan [PRACTICE] ROOM W312AB, LEVEL III</p> <p>409. Top Papers in Pediatric Rehabilitation—Getting Research to the Bedside [RESEARCH] ROOM W224DH, LEVEL II</p> <p>701. Addressing Burnout in PM&amp;R Trainees [IN-TRAINING/EARLY CAREER] ROOM W314AB, LEVEL III</p>	<p>822. Leadership Lab: Knowing Thyself to Become an Effective Leader (didactic—runs from 8 am-11 am) ROOM W311EF, LEVEL III</p>	
REFRESHMENT BREAK		
<b>PLENARY KEYNOTE—THE DISNEY INSTITUTE APPROACH TO BEING BOLD AND INNOVATIVE—KATIE SANCHEZ</b> CHAPIN THEATER, LEVEL III		
GRAB N' GO LUNCH IN THE PM&R PAVILION		
LUNCH AND LEARN PRESENTATIONS IN THE PM&R PAVILION		
GME SUMMIT ROOM W312C, LEVEL III		

## The Purpose of Physiatry Day

Physiatry Day is meant to unify and celebrate the specialty for a dedicated day each year. The diverse ways in which PM&R is practiced is a strength—but also a potential challenge for the future viability of the specialty. Physiatrists must be unified in voice, in numbers, and in passion so that the patient populations we serve are continuously and positively impacted by our care.


Help physiatry be more than the sum of its part—plan to participate in Physiatry Day 2018.

Visit [www.pmrismorethan.org](http://www.pmrismorethan.org) to view our year-round efforts meant to unite and celebrate the specialty!

TIME	CLINICAL SYMPOSIA
2 pm–3:15 pm	<p>109. Amputation Rehabilitation Clinical Practice Guidelines: Implications for Practice Innovation <b>[MSK]</b> <b>ROOM W222B, LEVEL II</b></p> <p>118. AMSSM Exchange Lecture: The Youth Sports Movement <b>[MSK]</b> <b>ROOM W314AB, LEVEL III</b></p> <p>210. Pharmacotherapy in Mild Traumatic Brain Injury: What is the Evidence? <b>[CNS]</b> <b>ROOM W224EF, LEVEL II</b></p> <p>410. Muscle Disease in Diverse PM&amp;R Settings <b>[EMG]</b> <b>ROOM W312AB, LEVEL III</b></p> <p>511. Caring for the Aging Athlete: A Review of Comprehensive Care for a Growing Population <b>[SPINE AND PAIN]</b> <b>ROOM W315AB, LEVEL III</b></p> <p>512. Pain Medicine Point/Counterpoint: Updates on Opioids and Function Pain Council Meeting <b>[SPINE AND PAIN]</b> <b>ROOM W224CG, LEVEL II</b></p>
3:15 pm– 3:45 pm	REFRESHMENT BREAK
3:45 pm–5 pm	<p>110. Quick Hits: Controversial Topics in Musculoskeletal Medicine. What Does the Research Say? <b>[MSK]</b> <b>ROOM W224EF, LEVEL II</b></p> <p>211. The Hurtlocker: Managing Pain After SCI <b>[CNS]</b> <b>ROOM W314AB, LEVEL III</b></p> <p>212. Long-Term Health and Neurodegeneration After Traumatic Brain Injury: Risk Factors, Mechanisms, and Resiliency <b>[CNS]</b> <b>ROOM W315AB, LEVEL III</b></p> <p>513. Optimizing the Body's Innate Healing Potential Through Functional Medicine <b>[SPINE AND PAIN]</b> <b>ROOM W224CG, LEVEL II</b></p> <p>910. 2018 PASSOR Legacy Award and Lectureship Winner <b>ROOM W224DH, LEVEL II</b></p>
5 pm–6 pm	<p><b>RESIDENT/IN-TRAINING RECEPTION</b> EXHIBIT HALL WD2, LEVEL II</p> <p>Sponsored by:   </p>
7 pm–11 pm	<p><b>PRESIDENT'S RECEPTION</b>  <b>UNIVERSAL ORLANDO CITYWALK™</b>  <b>AND THE WIZARDING WORLD OF HARRY POTTER™ – HOGSMEADE™</b>          FLIP TO PAGE 43 FOR TRANSPORTATION DETAILS.</p>



## Pick Up Your Wristbands for the President's Reception Today!








**IMPORTANT:** If you're attending tonight's President's Reception at Universal CityWalk™ and The Wizarding World of Harry Potter™ – Hogsmeade™, you **MUST** pick up your wristband today at the kiosk across from the Member Solution Center.

**DON'T LOSE IT!** You will receive only 1 wristband, and it cannot be replaced if lost or stolen.

You will not be allowed to board the shuttles unless you are wearing your wristband.  
 If you plan to take your own transportation, you must have your wristband when you arrive at Universal CityWalk™.

**Explore the full President's Reception details on page 43.**

PRACTICE, TECHNOLOGY, AND RESEARCH SYMPOSIA	SKILLS AND LEADERSHIP LABS	LEARNING CENTER
<p>606. <b>Learning Collaborative: Advance NEW Models of MSK Care Together</b> (2 pm–5 pm) [MSK] HYATT REGENCY ORLANDO, ORLANDO BALLROOM N, CONVENTION LEVEL</p> <p>309. The Evolving Role of Physiatry in the Management of Post-Acute Care in the Health System [PRACTICE] ROOM W222A, LEVEL II</p> <p>702. Acronym Soup: Acronyms That Will Impact Your Practice! [IN-TRAINING/EARLY CAREER] ROOM W224DH, LEVEL II</p> <p><b>REFRESHMENT BREAK</b></p> <p>316. MACRA Reporting: How to Set Up Physiatrists to Succeed in the Quest for Value-Based Care [PRACTICE] ROOM W312AB, LEVEL III</p> <p>411. The Rehabilitation Hackathon: Solving Today's Health Care Problems Through a Novel Interactive, Multidisciplinary, and Solution-Oriented Problem Solving Event [NEW TECHNOLOGIES] ROOM W222A, LEVEL II</p> <p>905. Late-Breaking Research Podium Session [RESEARCH] ROOM W222B, LEVEL II</p>	<p>813. Musculoskeletal Ultrasound Cross-Sectional Anatomy ROOM W311AB, LEVEL III</p> <p>814. Manual Medicine Treatment for Thoracic Pain, Shoulder Pain, Neck Pain, and Cervicogenic Headaches ROOM W311CD, LEVEL III</p> <p>815. Ultrasound Guidance for Lower Limb Chemodenervation Procedures ROOM W311GH, LEVEL III</p> <p>823. Leadership Lab: Leading Others to Navigate Conflict and Interact with the Media (didactic—runs from 2 pm–5 pm) ROOM W311EF, LEVEL III</p>	<p><b>HANDS-ON</b> <b>2 pm–3:30 pm</b></p> <ul style="list-style-type: none"> <li>Apps for Access: Websites and Phone Apps that Can Improve Community Access for All Patients</li> </ul> <p><b>3:30 pm–5 pm</b></p> <ul style="list-style-type: none"> <li>Using Social Media to Strategically Advance Research and Advocacy for PM&amp;R</li> </ul> <p><b>LIVE THEATER</b> <b>2 pm–2:45 pm</b></p> <ul style="list-style-type: none"> <li>Cryoneurolysis: Efficient and Effective Analgesia at the Bedside and in the Office</li> </ul> <p><b>QUIZ BOWL</b> <b>3:45 pm–5 pm</b></p> <p>703. AAPM&amp;R Resident Quiz Bowl</p> <p>Sponsored by:</p> 
<p><b>RESIDENT/IN-TRAINING RECEPTION</b> EXHIBIT HALL WD2, LEVEL II</p>		<p>Sponsored by:</p>  
<p><b>PRESIDENT'S RECEPTION</b>  <b>UNIVERSAL ORLANDO CITYWALK™ AND THE WIZARDING WORLD OF HARRY POTTER™ – HOGSMEADE™</b> FLIP TO PAGE 43 FOR TRANSPORTATION DETAILS.</p>		

## Explore the Fresh, New mē®

mē® is AAPM&R's home for the essential clinical and practice resources physiatrists need, including educational and CME activities. We've recently given mē® a fresh look—visit [me.aapmr.org](http://me.aapmr.org) to check it out and explore some of our new resources, including:

- PM&R Physician Compensation Survey Report—included with Academy membership
  - Certification Qbank—800+ study questions
- 2018 SAE-Ps: Update in Opioid Management and Innovations Influencing PM&R—members receive a free SAE-P each year
  - A Beginner's Guide to Evaluation and Management Coding—complimentary for resident members
  - Watch and Learn: STEP Ultrasound Training—55+ ultrasound videos

AAPM&R members save on all resources on mē®. Plus, members receive 1 coupon code for a complimentary Self-Assessment Examination for Practitioners (SAE-P) each year with their membership. If you're not already a member, join the Academy to receive complimentary resources like this and more!

Visit [me.aapmr.org](http://me.aapmr.org) to browse everything mē® has to offer!

mē®

TIME	CLINICAL SYMPOSIA
6:30 am	FOUNDATION FOR PM&R REHAB 5K RUN/WALK & ROLL CONVENTION CENTER
7 am–5 pm	REGISTRATION, MEMBER SOLUTION CENTER OPEN
8 am–9:15 am	<p>111. A Systematic Approach to Shoulder Pain in the Athlete [MSK] <b>ROOM W224EF, LEVEL II</b></p> <p>112. Expanding on Peripheral Nerve Hydrodissection: Review of Physiology and Evidence-Based Techniques [MSK] <b>ROOM W224CG, LEVEL II</b></p> <p>213. Stroke: Rehabilitation in ICU and New Acute Treatment Options [CNS] <b>ROOM W315AB, LEVEL III</b></p> <p>412. Challenging Electrodiagnostic Studies: Interpretation, Prognosis, and Recommendations for Referring Physicians [EMG] <b>ROOM W222A, LEVEL II</b></p> <p>521. Spinal Cord Stimulation: Technological Advancements for Physiatric Practice [SPINE AND PAIN] <b>ROOM W314AB, LEVEL III</b></p>
8 am–9:30 am	514. <b>EXTENDED INTERACTIVE SYMPOSIUM!</b> Sacroiliac Joint: An Approach to Orthobiologic Injections [SPINE AND PAIN] <b>ROOM W222B, LEVEL II</b>
8 am–4 pm	MEDICAL STUDENT PROGRAM AND RESIDENCY FAIR HYATT REGENCY BALLROOMS P-Q, CONVENTION LEVEL
9 am–12:45 pm	PM&R PAVILION AND POSTER HALL OPEN
9:15 am–10 am	REFRESHMENT BREAK
9:30 am–11 am	114. <b>EXTENDED INTERACTIVE SYMPOSIUM!</b> Clinical and Objective Measures in Return to Sports: A Practical Approach [MSK] <b>ROOM W222B, LEVEL II</b>
10 am–11:15 am	<p>214. Approaching the Patient with Repetitive Mild Head Trauma: A Focus on Cognitive Health [CNS] <b>ROOM W315AB, LEVEL III</b></p> <p>413. Innovative Approaches in Addressing Survivorship Issues in Head and Neck Cancer Rehabilitation: Facial Reanimation, Voice Restoration, Dropped Head Syndrome, and Lymphedema Management in a Multidisciplinary Program [CANCER] <b>ROOM W222A, LEVEL II</b></p> <p>515. Novel Percutaneous Treatments of Discogenic Pain [SPINE AND PAIN] <b>ROOM W224EF, LEVEL II</b></p>
11:15 am–12:45 pm	GRAB N' GO LUNCH/LUNCH AND LEARN PRESENTATIONS IN THE PM&R PAVILION
11:30 am–12:30 pm	AAPM&R BUSINESS MEETING <b>ROOM W222A, LEVEL II</b>
12:45 pm–1:45 pm	PLENARY KEYNOTE—FIFTIETH WALTER J. ZEITER LECTURE AND AWARDS VIDEO PRESENTATION—THE OPIOID EPIDEMIC: OUR NATION'S CHALLENGES—BERTHA K. MADRAS, PHD CHAPIN THEATER, LEVEL III
1:45 pm–2 pm	BREAK



PRACTICE, TECHNOLOGY, AND RESEARCH SYMPOSIA	SKILLS AND LEADERSHIP LABS	LEARNING CENTER
FOUNDATION FOR PM&R REHAB 5K RUN/WALK & ROLL CONVENTION CENTER		
REGISTRATION, MEMBER SOLUTION CENTER OPEN		
<p>311. Women in PM&amp;R: Creating an Action Plan to Address the Challenges and Barriers <b>[PRACTICE]</b> <b>ROOM W312AB, LEVEL III</b></p> <p>704. Unbiased Physiatric Finances: The Full Spectrum of Handling Finances During Practice <b>[IN-TRAINING/EARLY CAREER]</b> <b>ROOM W224DH, LEVEL II</b></p> <p>American Board of Physical Medicine and Rehabilitation (ABPMR) Town Hall <b>ROOM W312C, LEVEL III</b></p>	<p>816. Advanced Hand/Wrist Ultrasound: "Getting the Upper Hand with US... Careful for What You WRIST for" <b>ROOM W311AB, LEVEL III</b></p> <p>817. The Sacropelvis Complex: A Manipulative Medicine Approach to Pelvic Pain <b>ROOM W311CD, LEVEL III</b></p> <p>818. Resident Boot Camp <b>ROOM W311GH, LEVEL III</b></p>	<p><b>CONCURRENT HANDS-ON</b> <b>9:15 am-11:30 am</b></p> <ul style="list-style-type: none"> <li>• Ultrasound-Guided Intrathecal Pump Refills</li> <li>• Ultrasound-Guided Upper/Lower Extremity Nerve Blocks with Alcohol and Botulinum Toxin Injections in Head, Neck, and Paraspinal Muscles for Spasticity Management</li> </ul> <p><b>LIVE THEATER</b> <b>9:30 am-11 am</b></p> <ul style="list-style-type: none"> <li>• Mystery Diagnosis: On-Call Edition</li> </ul> <p><b>11 am-12:30 pm</b></p> <ul style="list-style-type: none"> <li>• Research Spotlight: Practice Management and Leadership; Quality Improvement</li> </ul>
MEDICAL STUDENT PROGRAM HYATT REGENCY BALLROOMS P-Q, CONVENTION LEVEL		
PM&R PAVILION		
REFRESHMENT BREAK		
<p>607. <b>Advancing Physiatry's Future: Explore NEW Models of PM&amp;R in the Acute and Post-Acute Care Continuum</b> <b>[PRACTICE]</b> <b>ROOM W312C, LEVEL III</b></p> <p>113. Top Papers in Musculoskeletal and Sports Medicine <b>[RESEARCH]</b> <b>ROOM W224CG, LEVEL II</b></p> <p>312. The Gender Gap in Medicine—Where Are We Now and How Do We Shape a New Future? <b>[PRACTICE]</b> <b>ROOM W224DH, LEVEL II</b></p> <p>705. What Are You Looking for...Besides a Job? <b>[IN-TRAINING/EARLY CAREER]</b> <b>ROOM W312AB, LEVEL III</b></p>		
GRAB N' GO LUNCH/LUNCH AND LEARN PRESENTATIONS IN THE PM&R PAVILION		
AAPM&R BUSINESS MEETING ROOM W222A, LEVEL II		
PLENARY KEYNOTE—FIFTIETH WALTER J. ZEITER LECTURE AND AWARDS VIDEO PRESENTATION— THE OPIOID EPIDEMIC: OUR NATION'S CHALLENGES—BERTHA K. MADRAS, PHD CHAPIN THEATER, LEVEL III		
BREAK		

TIME	CLINICAL SYMPOSIA
2 pm–3:15 pm	<p>115. Physiatrists in Olympics and Paralympics: How Do We Get There? [MSK] ROOM W314AB, LEVEL III</p> <p>215. Sports-Related Concussion: Framing the Debates [CNS] ROOM W224EF, LEVEL II</p> <p>216. The Economics of Toxins [CNS] ROOM W224CG, LEVEL II</p> <p>416. Cancer Rehabilitation: Update on Emerging Training and Practice Issues [CANCER] ROOM W222A, LEVEL II</p> <p>517. Update on Chronic Pelvic Pain: Exploring Different Phenotypes, Comorbidities, and the Central Sensitization Connection [SPINE AND PAIN] ROOM W315AB, LEVEL III</p> <p>518. Marijuana/Cannabis Science, Society, and Your Patient—Perspectives on a Complex Issue (Part 2 of Dr. Madras' Plenary Keynote) [SPINE AND PAIN] ROOM W311EF, LEVEL III</p>
3:15 pm–3:30 pm	REFRESHMENT BREAK
3:30 pm–4:45 pm	<p>116. An Update On Regenerative Medicine in Cartilage Injury: From Cell Therapy to Gene Strategies [MSK] ROOM W224EF, LEVEL II</p> <p>217. Virtual Reality, Augmented Reality, and Multi-User Games for Neurological Rehabilitation [CNS] ROOM W315AB, LEVEL III</p> <p>218. Intrathecal Baclofen Pumps: “Leave It In or Take It Out?” [SPASTICITY] ROOM W224CG, LEVEL II</p> <p>219. Neuroendocrine Dysfunction After Traumatic Brain Injury: Knowledge Update [CNS] ROOM W224DH, LEVEL II</p> <p>414. Systems Improvement Toward Best Clinical Outcomes for Children with Cerebral Palsy [PEDIATRICS] ROOM W312AB, LEVEL III</p> <p>519. Exercise Benefits for Chronic Low Back Pain in Obese Individuals [SPINE AND PAIN] ROOM W314AB, LEVEL III</p>
3:30 pm–5 pm	220. <b>EXTENDED INTERACTIVE SYMPOSIUM!</b> Lower Limb Orthotic Prescription Optimization [SPASTICITY] ROOM W222B, LEVEL II
4 pm–5 pm	RESIDENT/IN-TRAINING TOWN HALL HYATT REGENCY BALLROOM P
5 pm–6:30 pm	CHIEF RESIDENTS' MEETING HYATT REGENCY BALLROOM P, CONVENTION LEVEL
7 pm	ALUMNI RECEPTIONS (See page 45 for details.)

## See What Your Peers Are Saying on PhysForum

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AAPM&R's online member community

PRACTICE, TECHNOLOGY, AND RESEARCH SYMPOSIA	SKILLS AND LEADERSHIP LABS	LEARNING CENTER
<p>608. <b>Learning Collaborative: Advance NEW Models of PM&amp;R in the Acute and Post-Acute Care Continuum Together</b> (2 pm–5 pm) [PRACTICE] <a href="#">HYATT REGENCY ORLANDO, ORLANDO BALLROOM N, CONVENTION LEVEL</a></p> <p>313. The Physiatrist’s Role in SNF–Based Subacute Rehabilitation [PRACTICE] <a href="#">ROOM W224DH, LEVEL II</a></p> <p>908. Outstanding Resident Research Podium Session [RESEARCH] <a href="#">ROOM W312AB, LEVEL III</a></p> <p>317. <b>EXTENDED INTERACTIVE SYMPOSIUM!</b> Optimization of the Rehabilitation Team, in a Time of Budget Cuts and Audits (2 pm–3:30 pm) [PRACTICE] <a href="#">ROOM W312C, LEVEL III</a></p>	<p>819. Ultrasound Guidance for Chemodenervation Procedures: Head and Neck Structures <a href="#">ROOM W311AB, LEVEL III</a></p> <p>820. Breast Cancer Rehabilitation <a href="#">ROOM W311AB, LEVEL III</a></p> <p>821. Regenerative Injections for Osteoarthritis: A Practical Office–Based Approach <a href="#">ROOM W311AB, LEVEL III</a></p>	
REFRESHMENT BREAK		
<p>314. Managing the Storm: Conflict Management Skills for Physiatrists [PRACTICE] <a href="#">ROOM W222A, LEVEL II</a></p>		
RESIDENT/IN-TRAINING TOWN HALL <a href="#">HYATT REGENCY BALLROOM P</a>		
CHIEF RESIDENTS’ MEETING <a href="#">HYATT REGENCY BALLROOM P, CONVENTION LEVEL</a>		
ALUMNI RECEPTIONS (See page 45 for details.)		

## SUNDAY, OCTOBER 28

TIME	CLINICAL SYMPOSIA	PRACTICE, TECHNOLOGY, AND RESEARCH SYMPOSIA
8 am–11 am	REGISTRATION, MEMBER SOLUTION CENTER OPEN	
8:30 am–9:45 am	<p>221. Breathless: Respiratory Management After SCI [CNS] <a href="#">ROOM W314AB, LEVEL III</a></p> <p>415. Pediatric Prosthetic Pearls and Pitfalls [PEDIATRICS] <a href="#">ROOM W222A, LEVEL II</a></p> <p>520. Interdisciplinary Pain Management for Chronic Pain: What Changes in the Brain to Help People Improve Functional Levels [SPINE AND PAIN] <a href="#">ROOM W224DH, LEVEL II</a></p>	<p>315. Minimizing the Misery and Maximizing the Mission: Addressing Burnout in the Physiatry Workforce [PRACTICE] <a href="#">ROOM W312AB, LEVEL III</a></p> <p>706. Introduction to Musculoskeletal Ultrasound [IN-TRAINING/EARLY CAREER] <a href="#">ROOM W224CG, LEVEL II</a></p>
9:45 am–10 am	REFRESHMENT BREAK	
10 am–11:30 am	PLENARY KEYNOTE—PHYZTALKS <a href="#">ROOM W224EF, LEVEL II</a>	

## MUSCULOSKELETAL/SPORTS MEDICINE

### THURSDAY, OCTOBER 25

8:15 am–9:30 am

#### 101. “The Hip Rotator Cuff”: Managing the Enigma of Lateral Hip Pain in Athletes and Active Adults

ROOM W224EF, LEVEL II

Cheri A. Blauwet, MD, FAAPMR (Session Director);  
Ashwin N. Babu, MD, FAAPMR; Irene S. Davis, PT, PhD,  
FACSM, FAPT; Adam S. Tenforde, MD, FAAPMR

#### 102. Musculoskeletal Pain in Pregnancy and Postpartum

ROOM W312AB, LEVEL III

Sarah K. Hwang, MD, FAAPMR (Session Director);  
Farah Hameed, MD; Kate Temme, MD, FAAPMR

9:45 am–11 am

#### 103. Nerve Structure and Function—Assessment by NCV and US in Everyday Patients

ROOM W224DH, LEVEL II

Shawn P. Jorgensen, MD, FAAPMR (Session Director);  
Erik R. Ensrud, MD, FAAPMR; Michael C. Munin, MD, FAAPMR

#### 104. The Unique Rehabilitative Needs of Women: Osteoporosis and Bone Health Across the Lifespan Pre-Menarche to Menopause and Beyond...

ROOM W312AB, LEVEL III

Jonathan H. Whiteson, MD, FAAPMR (Session Director);  
Laurie G. Kilmartin, DPT

2 pm–3:15 pm

#### 105. Gait and Motion Analysis in Musculoskeletal and Sports Medicine Practice

ROOM W222A, LEVEL II

Se Won Lee, MD, FAAPMR (Session Director);  
Matthew N. Bartels, MD, MPH, FAAPMR; Howard Hillstrom, PhD

3:45 pm–5 pm

#### 106. Practical Application of Myoanabolics in Rehabilitation

ROOM W224DH, LEVEL II

Patrick Kortebein, MD, FAAPMR (Session Director);  
Gary P. Chimes, MD, PhD, FAAPMR; Arny A. Ferrando, PhD;  
Michael Roberts, PhD

### FRIDAY, OCTOBER 26

8 am–9:15 am

#### 117. Shoulder Health of the Athlete Competing in Wheelchair Sports

ROOM W314AB, LEVEL III

Jennifer A. Soo Hoo, MD, FAAPMR (Session Director);  
Cheri A. Blauwet, MD, FAAPMR; Rory A. Cooper, PhD;  
Monica E. Rho, MD, FAAPMR

#### 119. Physiatrists’ Role in Inclusive Health: Caring for Patients with Intellectual Disability

ROOM W312AB, LEVEL III

Priya Chandan, MD, MPH (Session Director);  
Matthew D. Adamkin, MD, FAAPMR; Mary E. Dubon, MD, FAAPMR;  
Catherine Schuster, MD, FAAPMR

10 am–11:15 am

#### 107. The Interplay of Hormones and Sports Injuries in Female, Male, and Transgender Athletes

ROOM W315AB, LEVEL III

Ellen K. Casey, MD, FAAPMR (Session Director); Kathryn E.  
Ackerman, MD, MPH; Gary P. Chimes, MD, PhD, FAAPMR;  
Adam S. Tenforde, MD, FAAPMR

### FRIDAY, OCTOBER 26

(CONTINUED)

10 am–11:15 am

#### 109. Amputation Rehabilitation Clinical Practice Guidelines: Implications for Practice Innovation

ROOM W222B, LEVEL II

Joseph B. Webster, MD, FAAPMR (Session Director);  
Jason Highsmith, PT, DPT, PhD, CP, FAAOP

#### 118. AMSSM Exchange Lecture: The Youth Sports Movement

ROOM W314AB, LEVEL III

John P. DiFiori, MD (Session Director)

3:45 pm–5 pm

#### 110. Quick Hits: Controversial Topics in Musculoskeletal Medicine. What Does the Research Say?

ROOM W224EF, LEVEL II

Jason L. Zaremski, MD, CAQSM, FACSM, FAAPMR (Session  
Director); Daniel C. Herman, MD, PhD, FACSM, CAQSM, FAAPMR;  
Melody R. Hrubes, MD; Kelly C. McInnis, DO, FAAPMR;  
Kevin R. Vincent, MD, PhD, FAAPMR

### SATURDAY, OCTOBER 27

8 am–9:15 am

#### 111. A Systematic Approach to Shoulder Pain in the Athlete

ROOM W224EF, LEVEL II

Prathap Jayaram, MD, FAAPMR (Session Director);  
Lee Kneer, MD, FAAPMR; Christopher Visco, MD, FAAPMR

#### 112. Expanding on Peripheral Nerve Hydrodissection: Review of Physiology and Evidence-Based Techniques

ROOM W224CG, LEVEL II

Andrew H. Gordon, MD, PhD, FAAPMR and Kentaro Onishi, DO,  
FAAPMR (Session Directors); Stanley KH. Lam, MBBS, MScSMHS

9:30 am–11 am

#### 114. Clinical and Objective Measures in Return to Sports: A Practical Approach

ROOM W222B, LEVEL II

Gerardo Miranda-Comas, MD, FAAPMR (Session Director);  
William F. Micheo, MD, FAAPMR; Fernando L. Sepulveda-Irizarry,  
MD, FAAPMR

10 am–11:15 am

#### 113. Top Papers in Musculoskeletal and Sports Medicine

ROOM W314AB, LEVEL III

Ashwin N. Babu, MD, FAAPMR (Session Director);  
Michael R. Baria, MD, FAAPMR; Cheri A. Blauwet, MD, FAAPMR;  
Prakash S. Jayabalan, MD, PhD, FAAPMR

2 pm–3:15 pm

#### 115. Physiatrists in Olympics and Paralympics: How Do We Get There?

ROOM W314AB, LEVEL III

Kentaro Onishi, DO, FAAPMR (Session Director);  
Cheri A. Blauwet, MD, FAAPMR; Jonathan Finnoff, DO, FAAPMR,  
FACSM; Edward R. Laskowski, MD, FAAPMR, FACSM;  
Younghee Lee, MD; Eugene Y. Roh, MD, FAAPMR

3:30 pm–4:45 pm

#### 116. An Update On Regenerative Medicine in Cartilage Injury: From Cell Therapy to Gene Strategies

ROOM W224EF, LEVEL II

Prathap Jayaram, MD, FAAPMR (Session Director);  
Gerard A. Malanga, MD, FAAPMR; Jay Smith, MD, FAAPMR



# CENTRAL NERVOUS SYSTEM/SPASTICITY

## THURSDAY, OCTOBER 25

8:15 am–9:30 am

### 201. Believe It or Not: Treatment of Atypical Upper Motor Neuron Disorders with Botulinum Toxins

ROOM W315AB, LEVEL III

Michael Green, DO, FAAPMR and Monica Verduzco-Gutierrez, MD, FAAPMR (Session Directors); Joseph B. Carlock, MD, FAAPMR; Cindy B. Ivanhoe, MD, FAAPMR; Ameet S. Nagpal, MD, MS, MEd, FAAPMR

9:45 am–11 am

### 202. Current Topics in Stroke Rehabilitation

ROOM W224EF, LEVEL II

Joseph E. Burris, MD, FAAPMR (Session Director); Randie M. Black-Schaffer, MA, MD, FAAPMR; Vu Q.C. Nguyen, MD, FAAPMR; Joel Stein, MD, FAAPMR; Richard D. Zorowitz, MD, FAAPMR

2 pm–3:15 pm

### 203. Realizing the Promise of Rehabilitation Robotics in Neurological Rehabilitation

ROOM W315AB, LEVEL III

Joel Stein, MD, FAAPMR (Session Director); Alberto Esquenazi, MD, FAAPMR; Gerard E. Francisco, MD

### 204. New National Practice Guidelines for Disorders of Consciousness: Introduction and Implementation

ROOM W314AB, LEVEL III

Sunil Kothari, MD, FAAPMR (Session Director); Ford B. Vox, MD, FAAPMR; Alan H. Weintraub, MD, FAAPMR

3:45 pm–5 pm

### 205. Managing Pain in Patients with Severe Brain Injury

ROOM W315AB, LEVEL III

John Whyte, MD, PhD, FAAPMR (Session Director); Brian D. Greenwald, MD, FAAPMR; Flora M. Hammond, MD, FAAPMR

### 206. Pearls from the Changing Landscape of Autonomic Dysreflexia

ROOM W224CG, LEVEL II

Ryan Solinsky, MD, FAAPMR (Session Director); Hammad Aslam, MD, FAAPMR

## FRIDAY, OCTOBER 26

8 am–9:15 am

### 207. New Insights Into Motor Recovery after Stroke: Disordered Synergy Production, Muscle Overactivity Phenomena, and Motor Outcome Prediction

ROOM W315AB, LEVEL III

Ning Cao, MD, FAAPMR (Session Director); Sheng Li, MD, PhD, FAAPMR; Nathaniel H. Mayer, MD, FAAPMR

### 208. Advanced Understanding of Urinary Symptom and Urinary Tract Infection Evidence in People with Neurogenic Bladder

ROOM W224EF, LEVEL II

Suzanne Groah, MD, FAAPMR (Session Director); Elizabeth F. Davis, MPP; Inger Ljungberg, MPH; Amanda Rounds, PhD; Rochelle E. Tractenberg, PhD, MPH

Check out the MSK and Acute/Post-Acute Care BOLD Sessions—see page 34 for more information.

## FRIDAY, OCTOBER 26

(CONTINUED)

10 am–11:15 am

### 209. Aerobic Exercise Combats Disability: Mechanisms and Science of Benefits of Aerobic Exercise on Physical and Cognitive Function Following Stroke, Traumatic Brain Injury, and Cancer Diagnosis—Mirroring a Cardiac Rehab Model

ROOM W224CG, LEVEL II

Jonathan H. Whiteson, MD, FAAPMR (Session Director); Prin Amorapanth, MD, PhD, FAAPMR; Heidi Fusco, MD, FAAPMR; Jonas M. Sokolof, DO, FAAPMR; Greg Sweeney, PT, MPT

2 pm–3:15 pm

### 210. Pharmacotherapy in Mild Traumatic Brain Injury: What is the Evidence?

ROOM W224EF, LEVEL II

Mary A. Iaccarino, MD, FAAPMR (Session Director); Ginger R. Polich, MD; Ross D. Zafonte, DO, FAAPMR

3:45 pm–5 pm

### 211. The Hurtlocker: Managing Pain after SCI

ROOM W314AB, LEVEL III

David R. Gater, Jr., MD, PhD and Kirk Lercher, MD, FAAPMR (Session Directors); Camilo Castillo, MD, FAAPMR; Anthony E. Chiodo, MD, FAAPMR

### 212. Long-Term Health and Neurodegeneration after Traumatic Brain Injury: Risk Factors, Mechanisms, and Resiliency

ROOM W315AB, LEVEL III

Kristen Dams-O'Connor, PhD and Kirk Lercher, MD, FAAPMR (Session Directors); Kathleen R. Bell, MD, FAAPMR; Brian D. Greenwald, MD, FAAPMR; Flora M. Hammond, MD, FAAPMR

## SATURDAY, OCTOBER 27

8 am–9:15 am

### 213. Stroke: Rehabilitation in ICU and New Acute Treatment Options

ROOM W315AB, LEVEL III

David N. Alexander, MD and Benton T. Giap, MD, MBA, FAAPMR (Session Directors); Michael Su, MD

10 am–11:15 am

### 214. Approaching the Patient with Repetitive Mild Head Trauma: A Focus on Cognitive Health

ROOM W315AB, LEVEL III

Mary A. Iaccarino, MD, FAAPMR (Session Director); Douglas Terry, PhD; Ross D. Zafonte, DO, FAAPMR

2 pm–3:15 pm

### 215. Sports-Related Concussion: Framing the Debates

ROOM W224EF, LEVEL II

Elizabeth Sandel, MD, FAAPMR (Session Director); Kathleen R. Bell, MD, FAAPMR; Steven R. Flanagan, MD, FAAPMR; Scott R. Laker, MD, FAAPMR; Melita N. Moore, MD, FAAPMR

### 216. The Economics of Toxins

ROOM W224CG, LEVEL II

Cindy B. Ivanhoe, MD, FAAPMR (Session Director); Atul T. Patel, MD, MHSA, FAAPMR; Monica Verduzco-Gutierrez, MD, FAAPMR

Central Nervous System/Spasticity continued on next page »

## CENTRAL NERVOUS SYSTEM/SPASTICITY

SATURDAY, OCTOBER 27

(CONTINUED)

3:30 pm–4:45 pm

### 217. Virtual Reality, Augmented Reality, and Multi-User Games for Neurological Rehabilitation

ROOM W315AB, LEVEL III

Joel Stein, MD, FAAPMR (Session Director);  
Akinpelumi Beckley, MD, MBA, FAAPMR;  
Darcy Fehlings, MD, MSc, FRCPC

### 218. Intrathecal Baclofen Pumps: “Leave It In or Take It Out?”

ROOM W224CG, LEVEL II

Jill R. Meilahn, DO, FAAPMR (Session Director); Kat Kolaski, MD, FAAPMR; Elizabeth A. Moberg-Wolff, MD, FAAPMR

### 219. Neuroendocrine Dysfunction After Traumatic Brain Injury: Knowledge Update

ROOM W224DH, LEVEL II

Min Jeong P. Graf, MD, FAAPMR (Session Director);  
Nathan D. Zasler, MD, FAAPMR

3:30 pm–5 pm

### 220. Lower Limb Orthotic Prescription Optimization

ROOM W222B, LEVEL II

Alberto Esquenazi, MD, FAAPMR (Session Director)

SUNDAY, OCTOBER 28

8:30 am–9:45 am

### 221. Breathless: Respiratory Management after SCI

ROOM W314AB, LEVEL III

David R. Gater, Jr., MD, PhD, MS, FAAPMR (Session Director);  
Raymond Onders, MD; Elias B. Rizk, MD

## PEDIATRICS

THURSDAY, OCTOBER 25

8:15 am–9:30 am

### 401. Past, Present, and Future of Pediatric Rehabilitation Medicine: Research Updates and State of the Field

ROOM W224DH, LEVEL II

Kevin P. Murphy, MD, FAAPMR (Session Director);  
Rita Ayyangar, MD, FAAPMR; Jill R. Meilahn, DO, FAAPMR

FRIDAY, OCTOBER 26

10 am–11:15 am

### 409. Top Papers in Pediatric Rehabilitation—Getting Research to the Bedside

ROOM W224CG, LEVEL II

Matthew J. McLaughlin, MD, MS, FAAPMR (Session Director);  
Justin M. Burton, MD, FAAPMR; Stacy M. Stibb, DO, FAAPMR

SATURDAY, OCTOBER 27

3:30 pm–4:45 pm

### 414. Systems Improvement Toward Best Clinical Outcomes for Children with Cerebral Palsy

ROOM W312AB, LEVEL III

Louise Z. Spierre, MD, FAAPMR and Joshua A. Vova, MD, FAAPMR (Session Directors); Erin Eggebrecht, PT, DPT, NCS; Kevin M. Neal, MD

SUNDAY, OCTOBER 28

8:30 am–9:45 am

### 415. Pediatric Prosthetic Pearls and Pitfalls

ROOM W222A, LEVEL II

Phoebe R. Scott-Wyard, DO, FAAPMR (Session Director);  
Glendaliz Bosques, MD, DAAP, FAAPMR; Anna Vergun Cuomo, MD

## LEADERSHIP

FRIDAY, OCTOBER 26

8 am–9:15 am

### 310. Who Mentors the Mentor? A Multi-Generational Approach to Identifying the Professional and Career Development Needs of the Physiatrist at All Levels of Practice

ROOM W312C, LEVEL III

Matthew J. McLaughlin, MD, MS, FAAPMR (Session Director);  
Rachael N. Brashears, DO, MBA; Megan E. Clark, MD, FAAPMR;  
Amy J. Houtrow, MD, PhD, MPH, FAAPMR; Didem Inanoglu, MD, FAAPMR; Suzan O. Lisenby, MD

8 am–11 am



### 822. Leadership Lab: Knowing Thyself to Become an Effective Leader

ROOM W311EF, LEVEL III

Rachel A. Brakke, MD, FAAPMR and  
Jennifer M. Zumsteg, MD, FAAPMR (Session Directors)

2 pm–3:15 pm

### 309. The Evolving Role of Physiatry in the Management of Post-Acute Care in the Health System

ROOM W222A, LEVEL II

Andrew I. Gitkind, MD, FAAPMR (Session Director);  
Matthew N. Bartels, MD, FAAPMR; Bruce M. Gans, MD, FAAPMR;  
Jeffrey Menkes, MBA

2 pm–5 pm



### 823. Leadership Lab: Leading Others to Navigate Conflict and Interact with the Media

ROOM W311EF, LEVEL III

Rachel A. Brakke, MD, FAAPMR and  
Jennifer M. Zumsteg, MD, FAAPMR (Session Directors)

SATURDAY, OCTOBER 27

8 am–9:15 am

### 311. Women in PM&R: Creating an Action Plan to Address the Challenges and Barriers

ROOM W312AB, LEVEL III

Anne F. Ambrose, MD, MS, FAAPMR (Session Director);  
Sara J. Cuccurullo, MD, FAAPMR; Mooyeon Oh-Park, MD, FAAPMR

10 am–11:15 am

### 312. The Gender Gap in Medicine—Where Are We Now and How Do We Shape a New Future?

ROOM W224DH, LEVEL II

Deborah A. Bergfeld, MD, FAAPMR (Session Director);  
Clifton M. Bergfeld, Esq; Christopher J. Garrison, MD, MBA, FAAPMR

3:30 pm–4:45 pm

### 314. Managing the Storm: Conflict Management Skills for Physiatrists

ROOM W222A, LEVEL II

Karen P. Barr, MD, FAAPMR (Session Director); Sara Kim, PhD;  
Maria Regina L. Reyes, MD, FAAPMR

= paid ticket required



# PRACTICE MANAGEMENT AND EVOLUTION

## THURSDAY, OCTOBER 25

8:15 am–9:30 am

### 301. Avoiding Denials and Surviving Audits

ROOM W224CG, LEVEL II

Scott I. Horn, DO, FAAPMR and Annie Purcell, DO, FAAPMR (Session Directors); Deb Grider, CPC, COC, CPC-I, CPC-P, CPMA, CEMC, CCS-P, CDIP

9:45 am–11 am

### 302. AAPM&R's Qualified Clinical Data Registry Phase 2: Enhancing Clinical Spine Data Capture and Testing Patient-Reported Outcomes in Participant Sites

ROOM W222A, LEVEL II

Michael Hatzakis, Jr., MD, FAAPMR (Session Director); John M. Leshner, MD, MPH, FAAPMR; Thomas S. Nabity, Jr., MD, FAAPMR

### 303. Emergency Preparedness for People with Disabilities

ROOM W224CG, LEVEL II

Lauren T. Shapiro, MD, MPH, FAAPMR (Session Director); Bethany M.S. O'Connor, MD, FAAPMR; Andrea P. Toomer, MD, FAAPMR; Uvieoghene O. Ughwanogho, MD, FAAPMR

2 pm–3:15 pm

### 304. 2018 MIPS Update: Preparing Your Practice for Reporting and Strategies to Improve Performance

ROOM W312AB, LEVEL III

Mark Huang, MD, FAAPMR (Session Director); Robert Jasak, JD; Scott R. Laker, MD, FAAPMR

### 305. Utilizing Technology to Optimize Patient Care: Development and Implementation of an Innovative Meds to Beds Program

ROOM W224DH, LEVEL II

Crystal D. Joseph, PharmD, MBA, AASP (Session Director); Priya Chandan, MD, MPH; Darryl L. Kaelin, MD, FAAPMR; Catherine P. Schuster, MD, FAAPMR

3:45 pm–5 pm

### 306. 2018 Coding and Billing Update: Documenting Evaluation and Management Services, Billing with Advanced Practice Providers, and How to Use Modifiers

ROOM W312AB, LEVEL III

Scott I. Horn, DO, FAAPMR and Annie Purcell, DO, FAAPMR (Session Directors); Deb Grider, CPC, COC, CPC-I, CPC-P, CPMA, CEMC, CCS-P, CDIP



## FRIDAY, OCTOBER 26

8 am–9:15 am

### 307. Health Care on the Hill and Beyond: The Current Health Policy Environment and Academy Advocacy Efforts

ROOM W224CG, LEVEL II

Nneka Ifejika, MD, MPH, FAAPMR; Reva Singh, JD, MA (Session Directors); Stuart J. Glassman, MD, FAAPMR; Erik T. Shaw, DO, FAAPMR; Peter W. Thomas, JD

10 am–11:15 am

### 308. Career Transitions: Pearls, Pitfalls, and Developing a Practical Plan

ROOM W312AB, LEVEL III

Karen P. Barr, MD, FAAPMR (Session Director); Elba Y. Gerena-Maldonado, MD, FAAPMR; Bethany M. Honce, MD, FAAPMR; Cherry C. Junn, MD, FAAPMR

3:45 pm–5 pm

### 316. MACRA Reporting: How to Set Up Physiatrists to Succeed in the Quest for Value-Based Care

ROOM W312AB, LEVEL III

Marc P. Gruner, DO, MBA, RMSK (Session Director); Scott R. Laker, MD, FAAPMR; Gerben DeJong, PhD, FACRM; Curtis L. Whitehair, MD, FAAPMR

## SATURDAY, OCTOBER 27

2 pm–3:15 pm

### 313. The Physiatrist's Role in SNF-Based Subacute Rehabilitation

ROOM W224DH, LEVEL II

Steve Gnatz, MD, FAAPMR (Session Director); William A. Adair, III, MD, FAAPMR; Azlan Tariq, DO, FAAPMR; Gregory M. Worsowicz, MD, FAAPMR

### 416. Cancer Rehabilitation: Update on Emerging Training and Practice Issues

ROOM W222A, LEVEL II

Julie K. Silver, MD, FAAPMR (Session Director); Lisa M. Ruppert, MD, FAAPMR; Sean R. Smith, MD, FAAPMR

2 pm–3:30 pm

### 317. Optimization of the Rehabilitation Team, in a Time of Budget Cuts and Audits

ROOM W312C, LEVEL III

Brendan E. Conroy, MD, FAAPMR (Session Director); Mark E. Huang, MD, FAAPMR; Elisabeth JD Preston-Hsu, MD, MPH, FAAPMR; Dale C. Strasser, MD, FAAPMR; Hilary C. Siebens, MD, FAAPMR

## SUNDAY, OCTOBER 28

8:30 am–9:45 am

### 315. Minimizing the Misery and Maximizing the Mission: Addressing Burnout in the Physiatry Workforce

ROOM W312AB, LEVEL III

Ranna Parekh, MD, MPH (Session Director); Allison C. Bean, MD; Julie K. Silver, MD, FAAPMR; Monica Verduzco-Gutierrez, MD, FAAPMR

## CANCER REHABILITATION MEDICINE

THURSDAY, OCTOBER 25

8:15 am–9:30 am

### 402. Cardiopulmonary Complications of Cancer and Their Treatment: How Aerobic Exercise Can Change the Survivorship Trajectory

ROOM W222A, LEVEL II

Matthew N. Bartels, MD, MPH, FAAPMR (Session Director); Inigo San Millan, PhD; Jessica Scott, PhD; Grigory Syrkin, MD, FAAPMR

2 pm–3:15 pm

### 405. Cancer Rehabilitation: A Point and Counterpoint Debate. Is Specialization Necessary to Meet the Needs of Cancer Survivors?

ROOM W224CG, LEVEL II

Megan B. Nelson, MD, FAAPMR and Vishwa S. Raj, MD, FAAPMR (Session Directors); Julie K. Silver, MD, FAAPMR

FRIDAY, OCTOBER 26

8 am–9:15 am

### 408. Working Out and Working Together as a Team: Creating an Innovative Academic and Community Partnership to Optimize Physical Activity in Lung Cancer Survivors

ROOM W222A, LEVEL II

Prakash Jayabalan, MD, PhD, FAAPMR (Session Director); Kathleen Boss; Sonal Oza, MD, FAAPMR; Samman Shahpar, MD, FAAPMR; Victoria M. Villaflor, MD

SATURDAY, OCTOBER 27

10 am–11:15 am

### 413. Innovative Approaches in Addressing Survivorship Issues in Head and Neck Cancer Rehabilitation: Facial Reanimation, Voice Restoration, Drooped Head Syndrome, and Lymphedema Management in a Multidisciplinary Program

ROOM W222A, LEVEL II

Jonathan H. Whiteson, MD, FAAPMR (Session Director); Holly A. Cohen, OTR/L, ATP, SCEM, CDRS; Katie Ann Connors; Laurie G. Kilmartin, DPT

2 pm–3:15 pm

### 416. Cancer Rehabilitation: Update on Emerging Training and Practice Issues

ROOM W222A, LEVEL II

Julie K. Silver, MD, FAAPMR (Session Director); Lisa M. Ruppert, MD, FAAPMR; Sean R. Smith, MD, FAAPMR

## NEW TECHNOLOGIES/EMG

THURSDAY, OCTOBER 25

8 am–9:30 am

### 403. Electrodiagnosis of Brachial Plexopathies and Mimics

ROOM W222B, LEVEL II

Sandra L. Hearn, MD, FAAPMR (Session Director); Anthony E. Chiodo, MD, FAAPMR; Shawn P. Jorgensen, MD, FAAPMR; Nassim Rad, MD, FAAPMR

9:45 am–11 am

### 404. Innovation in Prosthetic Design, Impact in PM&R, and the Patients We Serve

ROOM W314AB, LEVEL III

Alberto Esquenazi, MD, FAAPMR (Session Director); Andreas Kannenberg, MD, PhD; Knut Lechler, CPO; Joseph B. Webster, MD, FAAPMR

THURSDAY, OCTOBER 25

(CONTINUED)

3:45 pm–5 pm

### 406. Exploring Novel Diagnostic and Therapeutic Approaches in Neuromuscular Medicine Using a Case-Based Learning Method

ROOM W222A, LEVEL II

Uvieoghene O. Ughwanogho, MD, FAAPMR (Session Director); Faye Chiou-Tan, MD, FAAPMR; Pushpa Narayanaswami, MD, FAAN

FRIDAY, OCTOBER 26

2 pm–3:15 pm

### 410. Muscle Disease in Diverse PM&R Settings

ROOM W312AB, LEVEL III

Shawn P. Jorgensen, MD, FAAPMR (Session Director); Anthony E. Chiodo, MD, FAAPMR; Erik Ensrud, MD, FAAPMR; Nassim Rad, MD, FAAPMR

3:45 pm–5 pm

### 411. The Rehabilitation Hackathon: Solving Today's Health Care Problems Through a Novel Interactive, Multidisciplinary, and Solution-Oriented Problem Solving Event

ROOM W222A, LEVEL II

David S. Binder, MD, MBA, FAAPMR (Session Director); Sabrina Paganoni, MD, FAAPMR; Lindsay N. Ramey, MD, FAAPMR; Patricia Z. Zheng, MD, FAAPMR

SATURDAY, OCTOBER 27

8 am–9:15 am

### 412. Challenging Electrodiagnostic Studies: Interpretation, Prognosis, and Recommendations for Referring Physicians

ROOM W222A, LEVEL II

Faren H. Williams, MD, FAAPMR (Session Director); William S. Pease, MD, FAAPMR; Deborah A. Venesy, MD, FAAPMR

## SPINE AND PAIN

THURSDAY, OCTOBER 25

8:15 am–9:30 am

### 501. An Update on the Safety of Spine Procedures: What You Need to Know Now!

ROOM W314AB, LEVEL III

Byron J. Schneider, MD, FAAPMR (Session Director); Zachary L. McCormick, MD, FAAPMR; Clark C. Smith, MD, FAAPMR; Matthew Smuck, MD, FAAPMR

9:30 am–11 am

### 503. Spine Imaging Interpretation for the PM&R Specialist

ROOM W312C, LEVEL III

David J. Kennedy, MD, FAAPMR (Session Director); Zachary L. McCormick, MD, FAAPMR; Adrian Popescu, MD; Byron J. Schneider, MD, FAAPMR; Matthew Smuck, MD, FAAPMR; Patricia Z. Zheng, MD, FAAPMR

9:45 am–11 am

### 502. Clinical & Regulatory Applications of Medical Cannabis for the Psychiatric Practitioner

ROOM W315AB, LEVEL III

Mitchell Prywes, MD, FAAPMR (Session Director); Gregory T. Carter, MD, MS, FAAPMR; Stuart J. Glassman, MD, FAAPMR; Arum Kim, MD, FAAPMR

2 pm–3:15 pm

### 504. Orthobiologic Injections for the Hip

ROOM W224EF, LEVEL II

Joanne Borg-Stein, MD, FAAPMR (Session Director); Jonathan Finnoff, DO, FAAPMR, FACS; Kelly C. McInnis, DO, FAAPMR

## SPINE AND PAIN

THURSDAY, OCTOBER 25

(CONTINUED)

2 pm–3:30 pm

### 505. Electrodiagnostic and Ultrasound Techniques for Carpal Tunnel Syndrome

ROOM W222B, LEVEL II

William S. Pease, MD, FAAPMR (Session Director);  
Michele L. Arnold, MD, FAANEM, FAAPMR;  
Sandra L. Hearn, MD, FAAPMR; Susan L. Hubbell, MD, MS,  
FAAPMR; Shawn P. Jorgensen, MD, FAAPMR;  
Faren H. Williams, MD, FAAPMR

3:30 pm–5 pm

### 508. Bedside and Clinic Tools to Evaluate Cognitive and Neuromuscular Function for Fall Risk and Injury Assessment

ROOM W312C, LEVEL III

Sandra L. Hearn, MD, FAAPMR (Session Director);  
Andrea L. Aagesen, DO, FAAPMR; James T. Eckner, MD, MS,  
FAAPMR; James K. Richardson, MD, FAAPMR

3:45 pm–5 pm

### 506. Hip-Spine Syndrome: Clinical Applications for General Outpatient Physiatrists and Those Practicing in More Specialized Settings like Spine or Sports Clinics

ROOM W224EF, LEVEL II

Byron J. Schneider, MD, FAAPMR (Session Director);  
Rebecca Dutton, MD, FAAPMR; Ninad Karandikar, MBBS,  
FAAPMR; Matt Smuck, MD, FAAPMR

### 507. Top Papers in Spine and Pain

ROOM W314AB, LEVEL III

David S. Cheng, MD, FAAPMR (Session Director);  
Jonathan S. Kirschner, MD, FAAPMR; Zachary L. McCormick, MD,  
FAAPMR

FRIDAY, OCTOBER 26

8 am–9:15 am

### 509. Employing Comprehensive Spine Care

ROOM W224CG, LEVEL II

Byron J. Schneider, MD, FAAPMR (Session Director);  
Kristin Archer, PhD DPT; Marni Hillinger, MD;  
David J. Kennedy, MD, FAAPMR

10 am–11:15 am

### 510. Interventional Spine Techniques—Fundamental Approaches to Simplify the Challenging Procedures

ROOM W224EF, LEVEL II

Michael B. Furman, MD, FAAPMR and Jonathan S. Kirschner, MD,  
FAAPMR (Session Directors); Paul S. Lin, MD, FAAPMR;  
Maxim Moradian, MD, FAAPMR; Gene Tekmyster, DO, FAAPMR

2 pm–3:15 pm

### 511. Caring for the Aging Athlete: A Review of Comprehensive Care for a Growing Population

ROOM W315AB, LEVEL III

William F. Micheo, MD, FAAPMR and Fernando L. Sepulveda-  
Irizarry, MD, FAAPMR (Session Directors);  
Gerardo Miranda-Comas, MD, FAAPMR

### 512. Pain Medicine Point/Counterpoint: Updates on Opioids and Function Pain Council Meeting

ROOM W224CG, LEVEL II

Saloni Sharma, MD, FAAPMR (Session Director);  
Mitchell K. Freedman, MD, FAAPMR; Ari C. Greis, DO, FAAPMR;  
Ameet S. Nagpal, MD, MS, MEd, FAAPMR

FRIDAY, OCTOBER 26

(CONTINUED)

3:45 pm–5 pm

### 513. Optimizing the Body's Innate Healing Potential Through Functional Medicine

ROOM W224CG, LEVEL II

Libi Z. Galmer, DO, FAAPMR (Session Director);  
Marwa A. Ahmed, MD, MS, FAAPMR; Gary P. Chimes, MD, PhD,  
FAAPMR; Andre Panagos, MD, FAAPMR

SATURDAY, OCTOBER 27

8 am–9:15 am

### 521. Spinal Cord Stimulation: Technological Advancements for Physiatric Practice

ROOM W314AB, LEVEL III

Brian M. Bruel, MD, MBA, FAAPMR (Session Director);  
Mehul J. Desai, MD, MPH, FAAPMR; Robert Levy, MD, PhD

8 am–9:30 am

### 514. Sacroiliac Joint: An Approach to Orthobiologic Injections

ROOM W222B, LEVEL II

Joanne Borg-Stein, MD, FAAPMR (Session Director);  
Ashwin N. Babu, MD, FAAPMR; David J. Cormier, DO, DPT,  
FAAPMR; Christine Eng, MD, FAAPMR

10 am–11:15 am

### 515. Novel Percutaneous Treatments of Discogenic Pain

ROOM W224EF, LEVEL II

David S. Cheng, MD, FAAPMR; Brett A. Gerstman, MD, FAAPMR  
(Session Directors); Christopher J. Centeno, MD;  
Gregory E. Lutz, MD, FAAPMR; Brian F. White, DO, FAAPMR

2 pm–3:15 pm

### 517. Update on Chronic Pelvic Pain: Exploring Different Phenotypes, Comorbidities, and the Central Sensitization Connection

ROOM W315AB, LEVEL III

Sarah K. Hwang, MD, FAAPMR (Session Director);  
Jaclyn H. Bonder, MD, FAAPMR; Kelly M. Scott, MD, FAAPMR

### 518. Continue the Conversation: Marijuana/Cannabis Science, Society and Your Patient—Perspectives on a Complex Issue

ROOM W311EF, LEVEL II

Stuart J. Glassman, MD, FAAPMR (Moderator);  
Bertha K. Madras, PhD

3:30 pm–4:45 pm

### 519. Exercise Benefits for Chronic Low Back Pain in Obese Individuals

ROOM W314AB, LEVEL III

Heather K. Vincent, PhD, MS (Session Director); Joseph Wasser, BS

SUNDAY, OCTOBER 28

8:30 am–9:45 am

### 520. Interdisciplinary Pain Management for Chronic Pain: What Changes in the Brain to Help People Improve Functional Levels

ROOM W224DH, LEVEL II

James W. Atchison, DO, FAAPMR (Session Director);  
Marwan Baliki, PhD; Christine Gagnon, PhD;  
Steven P. Stanos, Jr., DO, FAAPMR

## DISCOVER ORIGINAL RESEARCH IN THE POSTER HALL



The AAPM&R Poster Hall in the PM&R Pavilion includes more than 350 posters, which feature original research submitted by your peers. Don't miss this opportunity to start one-on-one conversations and connect with your fellow attendees and researchers!

### SCIENTIFIC POSTERS IN THE POSTER HALL

#### • THURSDAY, OCTOBER 25

5 pm–7 pm: Welcome Reception

#### • FRIDAY, OCTOBER 26

9 am–3:45 pm

#### • SATURDAY, OCTOBER 27

9 am–12:45 pm

Lead presenters will be available at their posters during both sessions designed to facilitate one-on-one discussion regarding current research, results, and methodologies.

#### • FRIDAY, OCTOBER 26

12:30 pm–2 pm

#### • SATURDAY, OCTOBER 27

11:15 am–12:45 pm

### SCIENTIFIC POSTER TOPICS AND ABSTRACTS

#### RESEARCH ABSTRACT POSTER TOPICS

#### POSTER NUMBER

General Rehabilitation	1–29
Musculoskeletal and Sports Medicine	30–49
Neurological Rehabilitation	50–95
Pain and Spine Medicine	96–120
Pediatrics	121–128
Practice Management, Leadership, and Quality Improvement	129–151
Late-Breaking Abstracts	364–385

#### CASE STUDY POSTER TOPICS

#### POSTER NUMBER

General Rehabilitation	152–185
Musculoskeletal and Sports Medicine	186–223
Neurological Rehabilitation	224–305
Pain and Spine Medicine	306–344
Pediatrics	345–363

## RESEARCH SESSIONS

### THURSDAY, OCTOBER 25

2 pm–2:45 pm

**901. Research Spotlight: General Rehabilitation**

LEARNING CENTER, EXHIBIT HALL WD2, LEVEL II

Marlis Gonzalez-Fernandez, MD, PhD, FAAPMR (Moderator)

2:45 pm–3:30 pm

**902. Research Spotlight: Musculoskeletal and Sports Medicine**

LEARNING CENTER, EXHIBIT HALL WD2, LEVEL II

Mark I. Ellen, MD, FAAPMR (Moderator)

3:45 pm–5 pm

**507. Top Papers in Spine and Pain**

ROOM W314AB, LEVEL III

Jonathan S. Kirschner, MD, FAAPMR and  
Zachary L. McCormick, MD, FAAPMR (Session Directors)

### FRIDAY, OCTOBER 26

10 am–11:15 am

**409. Top Papers in Pediatric Rehabilitation—Getting Research to the Bedside**

ROOM W224DH, LEVEL II

Matthew J. McLaughlin, MD, MS, FAAPMR (Session Director)

**909. 2017 Scott F. Nadler PASSOR Musculoskeletal Research Grant Winner**

ROOM W222B, LEVEL II

Presented by Alex Scott, PhD

11 am–11:45 am

**903. Research Spotlight: Pain and Spine Medicine**

LEARNING CENTER, EXHIBIT HALL WD2, LEVEL II

Alexios G. Carayannopoulos, DO, MPH, FAAPMR (Moderator)

### FRIDAY, OCTOBER 26

(CONTINUED)

11:45 am–12:30 pm

**904. Research Spotlight: Neurological Rehabilitation**

LEARNING CENTER, EXHIBIT HALL WD2, LEVEL II

Joseph E. Hornyak, IV, MD, PhD, FAAPMR (Moderator)

3:45 pm–5 pm

**905. Late-Breaking Research Podium Session**

ROOM W222B, LEVEL II

Mark I. Ellen, MD, FAAPMR (Moderator)

**910. 2018 PASSOR Legacy Award and Lectureship Winner**

ROOM W224DH, LEVEL II

Presented by Michael B. Furman, MD, MS, FAAPMR

### SATURDAY, OCTOBER 27

10 am–11:15 am

**113. Top Papers in Musculoskeletal and Sports Medicine**

ROOM W224CG, LEVEL II

Ashwin N. Babu, MD, FAAPMR (Session Director)

11 am–11:45 am

**906. Research Spotlight: Practice Management and Leadership**

LEARNING CENTER, EXHIBIT HALL WD2, LEVEL II

Joseph E. Hornyak, IV, MD, PhD, FAAPMR (Moderator)

11:45 am–12:30 pm

**907. Research Spotlight: Quality Improvement**

LEARNING CENTER, EXHIBIT HALL WD2, LEVEL II

Heather K. Vincent, PhD, MS (Moderator)

2 pm–3:15 pm

**908. Outstanding Resident Research Podium Session**

ROOM W312AB, LEVEL III

Alexios G. Carayannopoulos, DO, MPH, FAAPMR  
and Heather K. Vincent, PhD, MS (Moderators)

## STOP BY AAPM&R'S REGISTRY BOOTH

While you're in the PM&R Pavilion, stop by the AAPM&R Registry booth #1101 to learn more about the Academy's clinical data registry! Meet with Academy staff and representatives from our technology vendor, FIGmd to learn more about what a clinical data registry can do for you, your practice, and your patients.

**Additional opportunities to learn about the AAPM&R Registry include:**

### THURSDAY, OCTOBER 25

9:45 am–11 am

**302. AAPM&R's Qualified Clinical Data Registry Phase 2: Enhancing Clinical Spine Data Capture and Testing Patient-Reported Outcomes in Participant Sites**

ROOM W222A, LEVEL II

2 pm–2:30 pm

**AAPM&R's Registry Dashboard Demonstration**  
LEARNING CENTER

### FRIDAY, OCTOBER 26

9:30 am–10 am

**AAPM&R's Registry Dashboard Demonstration**  
LEARNING CENTER

## Presidential Address and Plenary Keynote: Game Plan for Success—Lou Holtz

THURSDAY, OCTOBER 25 | 11:15 am–12:30 pm

CHAPIN THEATER, LEVEL III

AAPM&R President Darryl Kaelin, MD, FAAPMR, will officially launch #AAPMR2018 and welcome attendees. Then, Lou Holtz, legendary football coach and ESPN Analyst (2004–2015)—and author of 3 *New York Times* best-selling books including, *Winning Everyday: A Game Plan for Success*, will provide an inspiring talk focused on success and leadership.



## The *Disney Institute* Approach to Being Bold and Innovative—Katie Sanchez

FRIDAY, OCTOBER 26 | 11:30 am–12:30 pm

CHAPIN THEATER, LEVEL III

In this illuminating keynote, *Disney Institute* will inspire participants to be BOLD and pursue innovation to reinvigorate their patient experience.

As a *Disney Institute* senior facilitator, Katie Sanchez has worked with an array of clients across the private, public, and social sectors and ultimately is prepared to help you operationalize and sustain business results at your own organization through leadership, employee engagement, service, and more.



## Fiftieth Walter J. Zeiter Lecture and Awards Video Presentation: The Opioid Epidemic: Our Nation's Challenges—Bertha K. Madras, PhD

SATURDAY, OCTOBER 27 | 12:45 pm–1:45 pm

CHAPIN THEATER, LEVEL III

Bertha K. Madras, PhD, is a professor of psychobiology in the department of psychiatry at Harvard Medical School, research scientist, and respected authority on the opioid and prescription drug crisis. In 2017, she served as a member of the President's Commission on Combating Drug Addiction. The Commission's goal was to identify strengths and weaknesses in our nation's response to drug addiction and the opioid crisis, and recommend creative solutions to improve prevention, intervention, and treatment programs and services. Her insightful presentation will shed light on the Commission's findings while bringing a personal perspective to this timely topic.

## Join Us for an Exciting AAPM&R Awards Video Presentation!

On Saturday, October 27 at 12:45 pm, our 2018 award winners will be recognized for their significant contributions to both the specialty and to people with disabilities. Learn more about this year's recipients at [www.aapmr.org/awards](http://www.aapmr.org/awards).

# PhyzTalks Plenary

SUNDAY, OCTOBER 28 | 10 am–11:30 am

ROOM W224EF, LEVEL II

The top submissions from our “Call for PhyzTalks” will present their stories live in a fun, real-time competition where the winner—chosen by the audience—will receive a FREE registration to next year’s Assembly. PhyzTalks are TED™-style talks, which feature stories that are compelling and impactful to physiatrists.

## 2018 PHYZTALK FINALISTS



**JenFu Cheng, MD, FAAPMR**

*Passion, Purpose, and Community:  
The Peak Potential Project*

CHILDREN’S SPECIALIZED HOSPITAL



**Gary P. Chimes, MD, PhD, FAAPMR**

*What Question are You Asking?  
Practicing Physiatry as Part of Man’s  
Search for Meaning*

LAKE WASHINGTON SPORTS & SPINE



**Amy F. Houtrow, MD, PhD, MPH, FAAPMR**

*Recognizing Our Own Unconscious Biases*

CHILDREN’S HOSPITAL OF PITTSBURGH OF UPMC



**Julie Larson, MD, FAAPMR**

*My Experience as a Part-Time Author,  
Full-Time Advocate*

UNIVERSITY OF ALABAMA- BIRMINGHAM (UAB)



**Raul A. Rosario-Concepcion, MD**

*Gone with The Wind: What We Lost  
and Learned from a Natural Disaster*

UNIVERSITY OF PUERTO RICO  
SCHOOL OF MEDICINE



**John-Ross Rizzo, MD**

*Evolution 2.0—Tools to Destroy Visual  
Disability and Unlock Superheroes*

NYU LANGONE HEALTH/RUSK REHABILITATION



**Amy M. West, MD**

*Walking Through the Bush with a  
Stone in Your Shoe: How Social Media  
Helped Me Find the Cure for Back Pain  
#failedrehabsyndrome*

HARVARD/SPAULDING REHABILITATION/  
MAINE MEDICAL CENTER

## 2018 AAPM&R AWARDS PRESENTATION

SATURDAY, OCTOBER 27 | 12:45 pm–1:45 pm

CHAPIN THEATER, LEVEL III

AAPM&R is proud to announce our 2018 awards and lectureships at the Annual Assembly. AAPM&R recognizes lifetime achievement, distinguished membership, and pioneering physiatrists, clinicians, researchers, dedicated volunteers, and public servants who have made significant contributions to both the specialty and to people with disabilities. Recipients of the following awards will be acknowledged during the Fiftieth Walter J. Zeiter Lecture and Awards Video Presentation.

### **Frank H. Krusen, MD, Lifetime Achievement Award**

Naomi Lynn Gerber, MD, FAAPMR

### **Distinguished Member Award**

James T. McDeavitt, MD, FAAPMR

### **Distinguished Clinician Award**

Howard Liss, MD, FAAPMR

Michael F. Saulino, MD, PhD, FAAPMR

Faye Chiou Tan, MD, FAAPMR

### **Distinguished Public Service Award**

Michael T. Andary, MD, MS, FAAPMR

### **PASSOR Legacy Award and Lectureship**

Michael B. Furman, MD, MS, FAAPMR

### **AAPM&R Outstanding Council Service Awards**

#### **Central Nervous System Rehabilitation Council**

Steven Kirshblum, MD, FAAPMR

#### **General and Medical Rehabilitation Council**

Mark E. Huang, MD, FAAPMR

#### **Musculoskeletal Medicine Council**

Joanne Borg-Stein, MD, FAAPMR

#### **Pediatric Rehabilitation/Developmental Disabilities Council**

Scott M. Paul, MD, FAAPMR

## HOW WILL PRACTICES LOOK DIFFERENT IN THE FUTURE?

Since announcing the BOLD new vision for the specialty, your Academy has been working to answer this important question. AAPM&R has enlisted the assistance of member physiatrists to develop envisioned futures for practice areas that are aligned with the vision.

**Practicing In MSK or Acute/Post-Acute Care? Plan to Attend One of These Sessions:**

### MUSCULOSKELETAL CARE PRACTICE AREA

In the future...physiatry is primary care's frontline partner for all non-emergent Musculoskeletal (MSK) Care.

#### EXPLORE MODELS IN MSK:

##### **605. Advancing Physiatry's Future: Explore NEW Models of MSK Care**

**FRIDAY, OCTOBER 26 | 10 am-11:15 am**

**ROOM W312C, LEVEL III**

Discovered through the insights of thousands of physiatrists in the Visioning PM&R BOLD initiative, explore new models of MSK Care. This introductory session will cover how the Academy is working to advance the vision for the specialty and specific opportunities within MSK Care. Hear from physiatrists who are working to advance exciting new practice models that align with the vision for the specialty, such as embedding physiatrists into primary care, multi-specialty practices, and establishing comprehensive musculoskeletal, physiatrist-led practices. As an MSK physician, attend this session to prepare for a BOLD and bright future.

#### DIVE DEEP TO LEARN MORE:

##### **606. Learning Collaborative: Advance NEW Models of MSK Care Together**

**FRIDAY, OCTOBER 26 | 2 pm-5 pm**

**HYATT REGENCY ORLANDO, ORLANDO BALLROOM N,  
CONVENTION LEVEL**

Join your peers who are ready to do innovative work for the advancement of the specialty. This session will kick off an in-depth exploration of new and innovative practices in MSK Care. Whether you have best practices to share, or prefer to hear what others are doing, this is an opportunity to join a community of your peers to discuss the future of MSK practice, and how we can get there together.

### ACUTE/POST-ACUTE CARE PRACTICE AREA

In the future...the physiatrist is the recognized leader across the Acute and Post-Acute Care continuum with expertise in managing utilization of resources to achieve maximal patient outcomes.

#### EXPLORE MODELS IN ACUTE/POST-ACUTE CARE:

##### **607. Advancing Physiatry's Future: Explore NEW Models of PM&R in the Acute and Post-Acute Care Continuum**

**SATURDAY, OCTOBER 27 | 10 am-11:15 am**

**ROOM W312C, LEVEL III**

Based on the Visioning PM&R BOLD initiative insights from thousands of physiatrists, this session will present innovative opportunities for PM&R. Learn how the Academy is working with pioneering physiatrists to advance the vision for the specialty and explore specific opportunities within the Acute and Post-Acute Care continuum. If you're working in or interested in working in these settings, attend this session to prepare yourself for a BOLD and bright future.

#### DIVE DEEP TO LEARN MORE:

##### **608. Learning Collaborative: Advance NEW Models of PM&R in the Acute and Post-Acute Care Continuum Together**

**SATURDAY, OCTOBER 27 | 2 pm-5 pm**

**HYATT REGENCY ORLANDO, ORLANDO BALLROOM N,  
CONVENTION LEVEL**

Connect with innovative physiatrists who are ready to lead and pioneer new models in depth, share best practices, and collaborate on the path moving forward. This will be a highly-interactive session designed to build a community of physiatrists working together to advance physiatry in Acute and Post-Acute Care. Attend if you have best practices to share or prefer to hear what others are doing.

Visit [www.aapmr.org/pmrbold](http://www.aapmr.org/pmrbold) to learn more and complete a questionnaire.

We want to connect directly with physiatrists who are interested and/or currently practicing in ways that align to the envisioned futures!

## A BOLD NEW VISION FOR PHYSIATRY DEFINED BY YOU!

Your Academy recently adopted a new vision statement, which is also the specialty's vision, that represents the input of thousands of physiatrists through the Visioning PM&R BOLD initiative. **AAPM&R will ensure that:**



Physiatrists are the **essential** medical experts in value-based **evaluation, diagnosis, and management** of neuromusculoskeletal and disabling conditions.

Physiatrists are **indispensable** leaders in **directing rehabilitation and recovery**, and in preventing injury and disease.



Physiatrists are **vital** in optimizing outcomes and function **early and throughout the continuum of patient care.**

### CLEARING A PATH TO THE VISION

With rapid changes in health care, your Academy is staying focused on you. What is needed to ensure YOUR future? How can we best position physiatry as new health care systems emerge so YOU are able to thrive? We know there are issues affecting ALL physiatrists when we look at new opportunities in the future. So, in addition to working with you to define the future, we're also working with you to address barriers hindering the advancement of the specialty.

Visit the **Member Solution Center** or [www.aapmr.org/pmrbold](http://www.aapmr.org/pmrbold) to learn more.

## ADVANCING PM&R **BOLD**

### AT #AAPMR2018

If you're practicing or planning to practice in MSK or Acute/Post-Acute Care, choose a session to attend. For all attendees, visit the **Member Solution Center** to:

- Learn about the path to the vision
- Sign up to provide your input via a focus group

More information about PM&R BOLD and opportunities to get involved can be found at: [www.aapmr.org/pmrbold](http://www.aapmr.org/pmrbold).

## SKILLS AND LEADERSHIP LABS



## Did You Sign Up for a Skills Lab?

Our Skills Labs are 3-hour educational experiences, offering a blend of didactic and hands-on immersive learning. **Stop by the registration desk to see if tickets are still available for purchase.** Each Skills Lab is limited to 40 participants to ensure an intimate learning environment.

MOC® approved! Flip to page 4 to learn more. **MOC**

## WEDNESDAY, OCTOBER 24

2 pm–5 pm

## 801. Sideline Medicine

ROOM W311AB, LEVEL III

Timothy Tiu, MD, FAAPMR (Session Director)

## 802. Musculoskeletal Ultrasound Imaging of Lower and Upper Extremity Nerves: Identification and Injection Techniques

ROOM W311CD, LEVEL III

Joanne Borg-Stein, MD, FAAPMR (Session Director)

## 803. Advanced Diagnostic Musculoskeletal Ultrasound of the Shoulder

ROOM W311GH, LEVEL III

Christopher Visco, MD, FAAPMR (Session Director)

## THURSDAY, OCTOBER 25

8 am–11 am

## 804. Ultrasound Probe: The Stethoscope of Sports Medicine Physiatrists

ROOM W311AB, LEVEL III

Mohammed Emam, MD, FAAPMR (Session Director)

## 805. Introduction to Osteopathic Manipulative Medicine

ROOM W311CD, LEVEL III

Samuel A. Yoakum, DO, FAAPMR (Session Director)

## 806. Evaluation of Cervical Spine Pain and Correlation with Injection Procedures

ROOM W311GH, LEVEL III

Amit Bhargava, MD, MS, RMSK, FAAPMR (Session Director)

2 pm–5 pm

## 807. Ultrasound Guidance for Chemodenervation Procedures: Upper Limb

ROOM W311AB, LEVEL III

Katharine E. Alter, MD, FAAPMR (Session Director)

## 808. Advanced Diagnostic Musculoskeletal Ultrasound of the Elbow and Surrounding Area

ROOM W311CD, LEVEL III

Kenneth R. Mautner, MD, FAAPMR (Session Director)

## 809. Musculoskeletal Ultrasound: Lower Limb

ROOM W311GH, LEVEL III

Amit Bhargava, MD, MS, RMSK, FAAPMR (Session Director)

## FRIDAY, OCTOBER 26

8 am–11 am

## 810. Ultrasound Evaluation of Peripheral Nerves

ROOM W311AB, LEVEL III

Amit Bhargava, MD, MS, RMSK, FAAPMR (Session Director)

## 811. Interpretation of MRI Shoulder and Knee with Ultrasound Correlation

ROOM W311CD, LEVEL III

Brian C. Liem, MD, FAAPMR (Session Director)

## FRIDAY, OCTOBER 26

(CONTINUED)

8 am–11 am

## 812. Fundamental Ultrasound of the Upper Extremity

ROOM W311GH, LEVEL III

Joshua B. Rothenberg, DO, FAAPMR (Session Director)

## 822. Leadership Lab: Knowing Thyself to Become an Effective Leader (didactic)

ROOM W311EF, LEVEL III

Rachel A. Brakke, MD, FAAPMR and  
Jennifer M. Zumsteg, MD, FAAPMR (Session Directors)

2 pm–5 pm

## 813. Musculoskeletal Ultrasound Cross-Sectional Anatomy

ROOM W311AB, LEVEL III

Prathap Jayaram, MD, FAAPMR (Session Director)

## 814. Manual Medicine Treatment for Thoracic Pain, Shoulder Pain, Neck Pain, and Cervicogenic Headaches

ROOM W311CD, LEVEL III

James W. Atchison, DO, FAAPMR (Session Director)

## 815. Ultrasound Guidance for Lower Limb Chemodenervation Procedures

ROOM W311GH, LEVEL III

Katharine E. Alter, MD, FAAPMR (Session Director)

## 823. Leadership Lab: Leading Others to Navigate Conflict and Interact with the Media (didactic)

ROOM W311EF, LEVEL III

Rachel A. Brakke, MD, FAAPMR and  
Jennifer M. Zumsteg, MD, FAAPMR (Session Directors)

## SATURDAY, OCTOBER 27

8 am–11 am

## 816. Advanced Hand/Wrist Ultrasound: “Getting the Upper Hand with US...Careful for What You WRIST for”

ROOM W311AB, LEVEL III

Scott J. Primack, DO, FAAPMR (Session Director)

## 817. The Sacropelvis Complex: A Manipulative Medicine Approach to Pelvic Pain

ROOM W311CD, LEVEL III

Samuel A. Yoakum, DO, FAAPMR (Session Director)

## 818. Resident Bootcamp

ROOM W311GH, LEVEL III

Marc P. Gruner, DO, MBA, RMSK and Stephanie Tow, MD  
(Session Directors)

2 pm–5 pm

## 819. Ultrasound Guidance for Chemodenervation Procedures: Head and Neck Structures

ROOM W311AB, LEVEL III

Katharine E. Alter, MD, FAAPMR (Session Director)

## 820. Breast Cancer Rehabilitation

ROOM W311CD, LEVEL III

Katherine Power, MD, FAAPMR (Session Director)

## 821. Regenerative Injections for Osteoarthritis: A Practical Office-Based Approach

ROOM W311GH, LEVEL III

Joanne Borg-Stein, MD, FAAPMR (Session Director)



# IN-TRAINING/EARLY-CAREER PHYSIATRY EDUCATION

## FRIDAY, OCTOBER 26

10 am–11:15 am

### 701. Addressing Burnout in PM&R Trainees

ROOM W314AB, LEVEL III

Miguel X. Escalon, MD, MPH, FAAPMR (Session Director)

2 pm–3:15 pm

### 702. Acronym Soup: Acronyms That Will Impact Your Practice

ROOM W224DH, LEVEL II

Vishwa S. Raj, MD, FAAPMR and Gregory M. Worsowicz, MD, MBA, FAAPMR (Session Directors)

3:45 pm–5 pm

### 703. AAPM&R Resident Quiz Bowl

LEARNING CENTER, EXHIBIT HALL WD2, LEVEL II

Rachael N. Brashears, DO, MBA (Moderator)

We're bringing the fun to the Learning Center floor where PM&R residents from across the country can compete for bragging rights and test their psychiatry knowledge.



Sponsored by:  **Allergan**

5 pm–6 pm

### Resident/In-Training Reception

EXHIBIT HALL WD2, LEVEL II

This exclusive event gives psychiatrists in-training the opportunity to network in a casual, social setting. Resident registration fees include admittance to this reception (Name badges must be worn to enter—*residents and associate fellows only*).

Sponsored by:  **Medtronic**

## SATURDAY, OCTOBER 27

8 am–9:15 am

### 704. Unbiased Psychiatric Finances: The Full Spectrum of Handling Finances During Practice

ROOM W224DH, LEVEL II

Matthew J. McLaughlin, MD, MS, FAAPMR (Session Director)

8 am–11 am

### 818. Resident Boot Camp

ROOM W311GH, LEVEL III

Marc P. Gruner, DO, MBA, RMSK and Stephanie Tow, MD (Session Directors)

10 am–11:15 am

### 705. What Are You Looking For...Besides a Job?

ROOM W312AB, LEVEL III

Jim Daley, MD, FAAPMR (Session Director)

4 pm–5 pm

### Resident/In-Training Town Hall Meeting

HYATT REGENCY ORLANDO, BALLROOM P, CONVENTION LEVEL

All resident members are encouraged to attend this annual event, moderated by the Psychiatrists In-Training (PHIT) Council. Connect with other residents and share your unique PM&R experiences.

5 pm–6:30 pm

### Chief Residents' Meeting

HYATT REGENCY ORLANDO, BALLROOM P, CONVENTION LEVEL

Hear chief residents share best practices, learn the "ins and outs" of PM&R residency operations, and participate in an interactive dialogue. This is another great opportunity to build your network of lifelong colleagues.

## SUNDAY, OCTOBER 28

8:30 am–9:45 am

### 706. Introduction to Musculoskeletal Ultrasound

ROOM W224CG, LEVEL II

Julian Willoughby, MD, FAAPMR (Session Director)

## STOP BY THE CAREER AND FELLOWSHIP CORNER



Early-career psychiatrists—make time to visit the Career and Fellowship Corner in the PM&R Pavilion. You'll learn more about the Academy's career development resources and tools as well as volunteer opportunities to enhance your CV and leadership skills. You also have the opportunity to meet with representatives who will help you post your CV or open position on AAPM&R's Job and Fellowship Board. See page 52 for the full schedule of events.

## LEARNING CENTER—In the PM&R Pavilion



The Learning Center is your destination for the ultimate hands-on and interactive learning experience. Leading experts in physiatry will be offering hands-on demonstrations and live presentations, giving you exposure to new research and technologies available in different clinical areas.

## HANDS-ON EDUCATION SCHEDULE

Participate in these exciting sessions! We'll cover electrodiagnosis, ultrasound, new technologies, and spasticity. No registration is required to participate.







### THURSDAY, OCTOBER 25

12:30 pm–2 pm	<b>Obtaining Meaningful Lower Limb Sensory Nerves to Enhance Electrodiagnostic Study</b> Faren H. Williams, MD, FAAPMR (Director)	Sponsored by: 
2 pm–2:30 pm	<b>AAPM&amp;R's Registry Dashboard Demonstration</b>	
2 pm–3:30 pm	<b>Initial Treatment Approaches for Interdisciplinary Pain Management by Physical Therapy, Occupational Therapy, Clinical Psychology, and Biofeedback/Relaxation Therapist</b> James W. Atchison, DO, FAAPMR (Director)	
3:30 pm–5 pm	<b>The Practical Assessment of Post-Concussive Headaches</b> Ross D. Zafonte, DO, FAAPMR (Director)	
5:15 pm–6 pm	<b>EmCyte® Corporation and Konica Minolta—Novel Bone Marrow Aspiration Technology and Concentration Combined with Precision-Guided Ultrasound Applications in Ortho-Biology</b> A Hands-On Sponsored Experience by:	

### FRIDAY, OCTOBER 26

9:30 am–10 am	<b>AAPM&amp;R's Registry Dashboard Demonstration</b>	
9:30 am–10:15 am	<b>Refill and Reprogram an Intrathecal Pump Using the Innovative SynchroMed II Clinical Programmer</b> A Hands-On Sponsored Experience by:	
9:30 am–10:15 am	<b>Natus® EMG and Ultrasound Learning Station</b> A Hands-On Sponsored Experience by:	
9:30 am–11 am	<b>3D Printing: A Revolution in Production of Prosthesis and Orthotics</b> Matthew N. Bartels, MD, MPH, FAAPMR and Michael H. Hagen, MD (Directors)	
11 am–12:30 pm	<b>Robotic Rehabilitation Interventions After Stroke and Acquired Brain Injury</b> Alberto Esquenazi, MD, FAAPMR (Director)	
2 pm–3:30 pm	<b>Apps for Access: Websites and Phone Apps that Can Improve Community Access for All Patients</b> Lindsay Ramey, MD, FAAPMR (Director)	
3:30 pm–5 pm	<b>Using Social Media to Strategically Advance Research and Advocacy for PM&amp;R</b> Monica Verduzco-Gutierrez, MD, FAAPMR (Director)	

### SATURDAY, OCTOBER 27

9:15 am–11:30 am	<b>Ultrasound-Guided Intrathecal Pump Refills</b> Michael F. Saulino, MD, PhD, FAAPMR (Director)
	<b>Ultrasound-Guided Upper/Lower Extremity Nerve Blocks with Alcohol and Botulinum Toxin Injections in Head, Neck, and Paraspinal Muscles for Spasticity Management</b> Yuxi Y. Chen, MD, FAAPMR (Director)
Saturday Education Sponsored by:	<div><div>BROOKS Rehabilitation</div><div>BURKE Rehabilitation Hospital <small>MEMBER OF HONOLULU HEALTH SYSTEM</small></div><div>KONICA MINOLTA</div><div>Medtronic</div><div>Piramal Critical Care</div><div>Shepherd Center</div></div>

## LIVE PRESENTATION SCHEDULE

Want more education? Visit our Live Theater in the Learning Center. Stage presentations ranging from research and niche clinical topics are just some of the activities for you to explore. No registration is required to participate.

### THURSDAY, OCTOBER 25

12:30 pm–1:15 pm	<b>PHiT Fire: Rapid Fire Presentations on “Success Through Innovation”</b> Charles D. Kenyon, DO and Julie E. Witkowski, MD (Directors)
1:15 pm–2 pm	<b>Promising Practices with Non-Invasive Neuromodulation in Rehabilitation</b> Argyrios Stampas, MD, FAAPMR (Director)
2 pm–2:45 pm	<b>Research Spotlight: General Rehabilitation</b> Marlis Gonzalez-Fernandez, MD, PhD, FAAPMR (Moderator)
2:45 pm–3:30 pm	<b>Research Spotlight: Musculoskeletal and Sports Medicine</b> Mark I. Ellen, MD, FAAPMR (Moderator)
3:30 pm–5 pm	<b>Musculoskeletal Case Presentations</b> Samuel K. Chu, MD, FAAPMR (Director)
6:15 pm–7 pm	<b>Fast Kinesio® Tape Applications for a Busy Physiatrist; Examples in Sport and Spine Injuries and Post-Chemodenervation</b> A Sponsored Educational Forum by: 

### FRIDAY, OCTOBER 26

9:30 am–10:15 am	<b>Technologically Challenged: Experiences with Wearable Technology, Web-Based Programs, and Telemedicine</b> Amy H. Ng, MD, MPH, FAAPMR (Director)
10:15 am–11 am	<b>Localizing Sites of Ulnar Nerve Entrapment</b> Faren H. Williams, MD, FAAPMR (Director)
11 am–11:45 am	<b>Research Spotlight: Pain and Spine Medicine</b> Alexios G. Carayannopoulos, DO, MPH, FAAPMR (Moderator)
11:45 am–12:30 pm	<b>Research Spotlight: Neurological Rehabilitation</b> Joseph E. Hornyak, IV, MD, PhD, FAAPMR (Moderator)
2 pm–2:45 pm	<b>Cryoneurolysis: Efficient and Effective Analgesia at the Bedside and in the Office</b> Neil A. Segal, MD, MS, FAAPMR (Director)
3:45 pm–5 pm	<b>AAPM&amp;R Resident Quiz Bowl</b>  Sponsored by: 

### SATURDAY, OCTOBER 27

9:30 am–11 am	<b>Mystery Diagnosis: On-Call Edition</b> Andrew B. Collins, MD, FAAPMR (Director)
11 am–11:45 am	<b>Research Spotlight: Practice Management and Leadership</b> Joseph E. Hornyak, IV, MD, PhD, FAAPMR (Moderator)
11:45 am–12:30 pm	<b>Research Spotlight: Quality Improvement</b> Heather K. Vincent, PhD, MS (Moderator)



Check the mobile app for possible schedule changes and updated titles.

S A V E T H E D A T E F O R T H E

# THE ADVANCEMENT OF PHYSIATRY HAPPENS AT THE AAPM&R ANNUAL ASSEMBLY

Each year, thousands of physiatrists and their teams from around the country and world gather in 1 location to learn, connect, and grow together as a specialty. The week is jam-packed with experiences—from clinical to practical to just plain fun.

The AAPM&R Annual Assembly is where your Academy

**GATHERS TOGETHER,  
COLLABORATES TOGETHER,  
AND ADVANCES TOGETHER.**

# UNITING **PM&R** THROUGH EVIDENCE & BEST PRACTICES

# IN 2019, WE INVITE YOU TO CONTINUE THIS JOURNEY OF ADVANCEMENT WITH US.

## A Special Offer for You:

If you register onsite in Orlando, you will receive a credit of up to \$100\*—to experience all the Annual Assembly has to offer in 2019!

## Apply up to \$100 in credits to:

- A President's Reception ticket—the credit will cover the entirety of the ticket!
- The #AAPMR2019 Rewind—the credit will cover the entirety of the resource!
- A Skills Lab of your choice
- A Preconference Course of your choice

This offer is only available to #AAPMR2018 attendees. To take advantage of this exclusive offer, stop by the main Registration Desk.

## #AAPMR2019 Highlights:

- A commitment to education and training based on evidence and best practices
- A Community Day featuring sessions and networking opportunities generated by AAPM&R Member Engagement Groups
- Additional Learning Collaboratives
- Complimentary lunch



**aapm&r**  
ANNUAL ASSEMBLY 2019

**#AAPMR2019 | SAN ANTONIO, TX | NOVEMBER 14-17**

\*This is a limited-time offer and it will expire on November 16, 2018. Your 2019 Annual Assembly registration and experience credit are non-transferable. The experience credit cannot be applied to the base registration rate and is only valid for the 2019 AAPM&R Annual Assembly. Registration will launch in the spring of 2019. At that time, your credit will be available in your account, and you can log in to add the experience-of-choice to your registration. Any unused credits will be cleared from your account on September 18, 2019.



Connect with thousands of your peers while onsite! Download our mobile app at [www.aapmr.org/app](http://www.aapmr.org/app) and view an attendee list to help you easily see who's here in Orlando.

## WELCOME RECEPTION

THURSDAY, OCTOBER 25 | 5 pm–7 pm

EXHIBIT HALL WD2, LEVEL II

Connect with colleagues, meet new friends, and mingle with our industry partners during the opening night! Held in the PM&R Pavilion, the reception provides an ideal opportunity to socialize and preview this year's array of PM&R products and services. *Guests and children must be registered for admittance to this event.*

## THE LOUNGE

THURSDAY, OCTOBER 25–SATURDAY, OCTOBER 27

WEST D LOBBY, LEVEL II

Looking for a place to take a break from it all? Centrally located in the meeting space, The Lounge is the perfect spot to relax, catch up on email or join your peers in games.

## THE COMMUNITY NETWORK ROOM

THURSDAY, OCTOBER 25–SATURDAY, OCTOBER 27

For groups in need of a private meeting space, please visit the registration desk in the West D Lobby with the dates and times that your group would like to meet. The Community Network Room is available on a first-come, first-served basis. View the full schedule on [www.aapmr.org/networking](http://www.aapmr.org/networking).

## MEMBER COUNCIL GATHERINGS

Member Council Gatherings are designed to help YOU connect with your peers.

THURSDAY, OCTOBER 25

• 1 pm–2 pm

**CENTRAL NERVOUS SYSTEM REHABILITATION**  
ROOM W315AB, LEVEL III

FRIDAY, OCTOBER 26

• 12:30 pm–1:30 pm

**MUSCULOSKELETAL MEDICINE**  
ROOM W315AB, LEVEL III

• 12:45 pm–1:45 pm

**PEDIATRIC REHABILITATION/DEVELOPMENTAL DISABILITIES**  
ROOM W224DH, LEVEL II

FRIDAY, OCTOBER 26

• 1:15 pm–2 pm

**GENERAL AND MEDICAL REHABILITATION**  
ROOM W222A, LEVEL II

• 2 pm–3:15 pm

**PAIN MEDICINE/NEUROMUSCULAR MEDICINE**  
ROOM W224CG, LEVEL II

## AAPM&R TOWN HALL

FRIDAY, OCTOBER 26 | 8:15 am–9:15 am

ROOM W222B, LEVEL II

Your AAPM&R Town Hall is designed to be an open-forum. Join other influential specialty leaders and have direct dialogue with the Board of Governors! Ask your pressing questions and share your perspective about the Academy and our specialty. This is a can't miss!

## AAPM&R BUSINESS MEETING

SATURDAY, OCTOBER 27 | 11:30 am–12:30 pm

ROOM W222A, LEVEL II

All AAPM&R fellows are encouraged to attend this Annual Business Meeting to vote on nomination recommendations, approve the membership roster, consider bylaw amendment proposals, review 2018 activities, and preview 2019 Academy initiatives.



## AAPM&R PRESIDENT'S RECEPTION PRE-EVENT CHECKLIST

- ✓ Pick up your wristband on Friday, October 26 from 7 am–7 pm in the West D Lobby. A desk will be set up across from the Member Solution Center.
- ✓ Catch your ride to the President's Reception starting at 6:30 pm from the West D Lobby. You can start lining up at 6 pm for the shuttles. If you plan to take your own transportation, you must have your wristband when you arrive at Universal CityWalk™.
- ✓ Enjoy the Block Party at Universal CityWalk™ from 7 pm–9 pm.
- ✓ Head to the Dessert Reception at The Wizarding World of Harry Potter™—Hogsmeade™ from 9 pm–11 pm. Limited transportation between parks will be provided.
- ✓ Travel back to the hotel when you want—shuttle service will run throughout the night, with the last run taking place at 11:15 pm. If you would like to stay and enjoy Universal CityWalk™ after the event ends, cabs and ride-share services are available from the Bus Parking Circle.
- ✓ Event will take place rain or shine.



COMMUNITY

## A FEW NOTES REGARDING YOUR WRISTBAND:

- ✓ Every attendee who has purchased a ticket is required to wear an LED wristband for entry into the reception. Wristbands will be color-coded, denoting the type of package purchased:
  - Block Party at Universal CityWalk™ = **Red**
  - Dessert Reception at The Wizarding World of Harry Potter™—Hogsmeade™ = **Purple**
- ✓ **Do not lose it!** You will receive only one wristband, and it cannot be replaced if lost or stolen.
- ✓ Only the **original purchaser of the ticket** can pick up the wristbands.

If you purchased a ticket but can no longer attend the reception, you have the option of giving your wristband to another attendee. If you choose to do so, you are still required to pick up your wristband on Friday (i.e., the attendee who originally purchased the ticket must pick up the wristband). You may then give the wristband to another attendee.

## RECEPTION SCHEDULE

- ✓ **7 pm–9 pm:** Block Party at Universal CityWalk™
- ✓ **9 pm–11 pm:** Block Party and Dessert Reception at The Wizarding World of Harry Potter™—Hogsmeade™

## Join Rusk Rehabilitation on Friday for a Live SiriusXM® Broadcast

Our physicians will interview several thought leaders in rehabilitation medicine on a variety of topics.

**Where:** Booth #503

**When:** Friday, October 26  
2:00 to 4:00 p.m.

### Host:



Jonathan H. Whiteson, MD

### Our Guests:



Steven R. Flanagan, MD



Preeti Raghavan, MD



John-Ross Rizzo, MD

### Special Guests:

- **Darryl L. Kaelin, MD**  
*Medical Director, Frazier Rehabilitation and Neuroscience Institute; President, AAPM&R*
- **John Chae, MD**  
*Vice President of Research, MetroHealth*
- **Ross Zafonte, DO**  
*Chair, Department of Physical Medicine and Rehabilitation, Harvard Medical School*

## Rusk Rehabilitation by the Numbers



**Top 10**

**IN THE COUNTRY  
FOR REHABILITATION**  
for more than 25 years



**3-Year**

**CARF ACCREDITATION**

granted in 2016 CIIRP, Pediatrics, Brain Injury, Stroke, and Limb Loss; exemplary conformance in research and community outreach

**274,000+**

**OUTPATIENT VISITS**

**2,100+**

**INPATIENT DISCHARGES**

**5M+**

**TOTAL FUNDED RESEARCH**

**23**

**PM&R CHAIRS**

around the U.S., both current and former, who graduated from Rusk's residency program

**90,000+**

**DOWNLOADS OF  
RUSK INSIGHTS PODCAST**

via iTunes and other podcast apps

## STATE SOCIETY MEETINGS

THURSDAY, OCTOBER 25

<b>The All-Michigan Statewide Physiatry Reception at AAPM&amp;R 2018</b> (Sponsored by Mary Free Bed Rehabilitation Hospital; Michigan Medicine, University of Michigan; Michigan State University; PM&R Residency Program, Beaumont Royal Oak; WSU/DMC/RIM) HYATT REGENCY ORLANDO, UPPER POOL DECK AREA	7 pm–9 pm
<b>American Association of Chinese Rehabilitation Physicians Annual Gathering</b> HYATT REGENCY ORLANDO, BAYHILL 19, LOBBY LEVEL	7 pm–9 pm
<b>Philippine American Physiatrist Association Annual Meeting</b> MAGGIANO'S LITTLE ITALY	7 pm–11 pm
<b>South Carolina Society of PMR State Society Meeting</b> HYATT REGENCY ORLANDO, SILVER SPRING II, CONVENTION LEVEL	7 pm–9 pm

## ALUMNI RECEPTIONS

SATURDAY, OCTOBER 27

6:30 pm–8:30 pm

<b>Rusk Rehabilitation Reunion</b> HYATT REGENCY ORLANDO, ORCHID, 4TH LEVEL
<b>Rutgers NJMS/Kessler/UMDNJ Alumni Reception</b> HYATT REGENCY ORLANDO, BAYHILL 18, LOBBY LEVEL
<b>Atrium Health's Carolinas Rehabilitation Alumni Reception</b> HYATT REGENCY ORLANDO, REGENCY O, CONVENTION LEVEL

6:30 pm–9 pm

<b>Northwestern Feinberg School of Medicine/ Shirley Ryan AbilityLab (formerly RIC)</b> HYATT REGENCY ORLANDO, BAYHILL 20, LOBBY LEVEL
<b>UT Southwestern Medical Center Alumni Reception</b> HYATT REGENCY ORLANDO, CELEBRATION 1/2, CONVENTION LEVEL

7 pm–9 pm


<b>BCM PM&amp;R Alumni Reception</b> HYATT REGENCY ORLANDO, CELEBRATION 5/6, CONVENTION LEVEL
<b>Montefiore Medical Center, Department of Physical Medicine &amp; Rehabilitation</b> HYATT REGENCY ORLANDO, RAINBOW SPRING II, CONVENTION LEVEL
<b>JFK Johnson Rehabilitation Institute</b> HYATT REGENCY ORLANDO, BAYHILL 17, LOBBY LEVEL
<b>Johns Hopkins PM&amp;R Alumni</b> HYATT REGENCY ORLANDO, CELEBRATION 7, CONVENTION LEVEL
<b>Mayo Clinic Alumni Association Event</b> HYATT REGENCY ORLANDO, WINTER PARK 49, 4TH LEVEL
<b>MetroHealth Rehab Institute/Case Western Reserve University, PM&amp;R Alumni Reception</b> HYATT REGENCY ORLANDO, BAYHILL 19, LOBBY LEVEL

7 pm–9 pm

<b>Mount Sinai NYC Department of Rehabilitation Medicine</b> HYATT REGENCY ORLANDO, SILVER SPRING I, CONVENTION LEVEL
<b>New York-Presbyterian Hospital/Columbia/Cornell</b> HYATT REGENCY ORLANDO, SILVER SPRING II, CONVENTION LEVEL
<b>Sidney Kimmel Medical College of Thomas Jefferson University, Department of Rehabilitation Medicine Faculty, Resident and Alumni Reception</b> HYATT REGENCY ORLANDO, BAYHILL 21, LOBBY LEVEL
<b>Spaulding Rehabilitation Hospital/Harvard Medical School, Department of PM&amp;R Reception</b> HYATT REGENCY ORLANDO, BAYHILL 22, LOBBY LEVEL
<b>University of Miami Miller School of Medicine, Department of PM&amp;R Alumni &amp; Friends Reception</b> HYATT REGENCY ORLANDO, WINTER PARK 50, 4TH LEVEL
<b>University of Utah PM&amp;R Alumni Reception</b> HYATT REGENCY ORLANDO, COLUMBIA 35, 3RD LEVEL
<b>University of Washington Rehabilitation Medicine Alumni Event</b> HYATT REGENCY ORLANDO, WINTER PARK 51, 4TH LEVEL
<b>VA Greater Los Angeles/UCLA PM&amp;R and Pain Fellowship Alumni Reception</b> HYATT REGENCY ORLANDO, COLUMBIA 34, 3RD LEVEL

7 pm–10 pm

<b>MedStar NRH Alumni &amp; Friends Reception 2018</b> HYATT REGENCY ORLANDO, REGENCY Q, CONVENTION LEVEL
<b>Temple/MossRehab Alumni Gathering</b> HYATT REGENCY ORLANDO, CELEBRATION 3/4, CONVENTION LEVEL

A woman is running on a bridge, captured in a dynamic pose. She is wearing a black long-sleeved top and black leggings with a blue stripe. A white wireframe mesh is overlaid on her right leg, highlighting the hip and knee area. The background shows the blue steel structure of a bridge and a clear sky.

**Jaclyn**  
Hip Surgery

# GOING THE DISTANCE

## TREATING THE UNIQUE CHALLENGES OF FEMALE ATHLETES

Female athletes are at increased risk for a variety of injuries. Penn Physical Medicine and Rehabilitation, at the Penn Center for the Female Athlete, is going beyond traditional treatment for these patients. We've specially designed the center to treat these conditions AND address the unique factors that cause them - preventing future injury, improving recovery, and advancing research into better care for female athletes.

To learn more about the center, and the other ways Penn PM&R is advancing care for patients, visit [PennMedicine.org/PMR](https://PennMedicine.org/PMR).

A graphic element in the bottom left corner featuring a stylized figure running on a path, with a grid pattern overlaying the scene.

**SUCCESS THROUGH INNOVATION**

## GME LEADERS SUMMIT

INVITATION ONLY, RSVP REQUIRED

### AAPM&R ACADEMIC LEADERSHIP LUNCH

FRIDAY, OCTOBER 26 | 12:45 pm-1:30 pm

ROOM W313C, LEVEL III

In order to lead the advancement of psychiatry's impact throughout health care, your Academy recently adopted a new vision statement, which is also the specialty's vision. The vision represents the input of thousands of psychiatrists through the Visioning PM&R BOLD initiative. This new vision touches many aspects of PM&R and the Academy's Graduate Medical Education (GME) Committee has been leading the way to advance strategic efforts related to GME. During this lunch, Academy leadership will provide an update on the outcomes and trajectory of the newly-adopted vision statement and commitments of the Academy's GME Committee to ensure the Academy is supporting the needs of its academic leaders.

### RESIDENT TRAINING: PREPARING FOR THE FUTURE

FRIDAY, OCTOBER 26 | 1:45 pm-5 pm | Invitation Only, RSVP Required

ROOM W312C, LEVEL III

With insight from thousands of psychiatrists across the country, the specialty has worked to define a BOLD vision for the future of PM&R. To support this specialty transformation, the Academy is looking to understand how training must evolve to prepare residents for new practice models and future opportunities. Over the last couple of months, the Academy's Graduate Medical Education (GME) Committee has collected core curriculum data from many residency programs, which has been aggregated to benchmark current practices. During this session, the data will be shared in order to discuss best practices with the goal of developing new models for evolving training programs. The Academy's GME Committee is hoping that gathering information from you as a community can help us work together to identify what our standards should be and how collectively we can improve to prepare psychiatrists for the future. After the presentation of data, the remaining time will be spent in small work groups to discuss the findings of this research, future direction of residency training, and next steps. The goal is to ensure the Academy is representing its members by providing resources to move the specialty forward in a timely manner.

## FOUNDATION FOR PHYSICAL MEDICINE AND REHABILITATION EVENTS



### "PROOF OF THE PUDDING" DEBATE

THURSDAY, OCTOBER 25 | 8:30 pm-9:30 pm

HYATT REGENCY ORLANDO, BALLROOM L, CONVENTION LEVEL

#### Football Participation and Chronic Traumatic Encephalopathy

**DISCUSSANTS:** Scott R. Laker, MD, FAAPMR and Christine Greiss, DO, FAAPMR

**MODERATOR:** George Kevorkian, MD, FAAPMR

End your day with complimentary coffee and dessert while listening to experts debate a controversial topic in psychiatric medicine.

### REHAB 5K RUN/WALK & ROLL AND RESIDENCY PROGRAM CHALLENGE

SATURDAY, OCTOBER 27 | 6:30 am

CONVENTION CENTER, WEST SIDE

Join your colleagues for this early morning run. Visit the Foundation for PM&R's booth in the PM&R Pavilion on Thursday evening and Friday to pick up your race packet or register. Registration will also be available at the race site on Saturday prior to the start time. Come and cheer on your team!

### PRESENTATION OF RESULTS FROM THE 2017 NADLER RESEARCH GRANT WINNER

FRIDAY, OCTOBER 26 | 10 am-11:15 am

ROOM W222A, LEVEL II

Alex Scott, PhD, University of British Columbia, will present the results of his 2017 Scott F. Nadler PASSOR Research Grant study, "Topical Diclofenac as an Adjunct to Rehabilitation of Chronic Achilles Tendinopathy: A Randomized Controlled Trial."

### PRESENTATION OF FOUNDATION FOR PM&R AWARDS AND GRANTS

SATURDAY, OCTOBER 27 | 12:45 pm-1:45 pm

CHAPIN THEATER, LEVEL III

The Foundation for PM&R will present \$80,000 in research grants. We will also announce the 2018 Gabriella E. Molnar-Swofford Pediatric PM&R Lifetime Achievement Award winner.

# CAROLINAS REHABILITATION

Providing Life-Changing Expertise



Baerbel Prentiss, cancer survivor

As part of Atrium Health, Carolinas Rehabilitation is among the most trusted providers of rehabilitative care and one of the largest not-for-profit rehabilitation providers in the United States. For patients like Baerbel, we provide something much more important – support.

## What Sets Us Apart:

- World's first CARF-accredited cancer rehabilitation program
- Developed the EQUADR<sup>SM</sup> network to measure rehabilitation specific quality outcomes
- Academic teaching hospital
- Involvement in research and clinical trials

For more information visit  
**[CarolinasHealthCare.org/Rehabilitation](http://CarolinasHealthCare.org/Rehabilitation)**

**Come visit us at Booth #900.**

## Carolinas Rehabilitation Alumni Reception

**Saturday, October 27, 2018**

**6:30 p.m. – 8:30 p.m.**

**Hyatt Regency Orlando:  
Regency V, Convention Level**

Carolinas HealthCare System is



**Atrium Health**

Engage directly with more than 175 innovative product and service providers, pharmaceutical and device companies, rehabilitation providers, and more! See technologies relevant to PM&R like robotics and other scientific advances.

## PM&R PAVILION HOURS

### THURSDAY, OCTOBER 25

12:30 pm–7 pm  
(Welcome Reception is 5 pm–7 pm)

### FRIDAY, OCTOBER 26

9 am–3:45 pm

### SATURDAY, OCTOBER 27

9 am–12:45 pm

## WHAT TO DO IN THE PAVILION:

- Explore more than **175 exhibiting organizations** and learn about the products and services they offer to assist you and your patients.
- Experience hands-on learning in the **Learning Center**—no registration required and it's included in your registration fee. Visit page 38 for details.
- Attend **Live Theater Sessions** in the Learning Center—no registration required and it's included in your registration fee.
- Attend **Lunch and Learn Presentations** and **Sponsored Educational Forums** (see page 54 for the schedule)—no registration or fee required.
- Visit the **Career and Fellowship Corner** and sessions.
- **Grab lunch** (included with your registration on Thursday, Friday, and Saturday) and network with your peers.
- **Earn points** by playing the **Assembly 360° Challenge** game through the mobile app! See how to play on the next page.



## TWO LUNCH OPTIONS

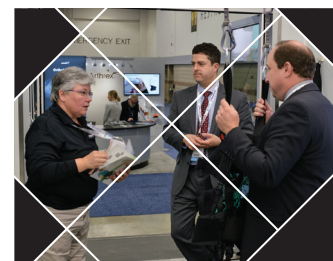


- 1. GRAB N' GO:** Enjoy complimentary lunch while walking around and seeing the latest innovations. Lunch will be provided on Thursday and Friday from 12:30 pm–2 pm and on Saturday from 11:15 am–12:45 pm.
- 2. LUNCH AND LEARN PRESENTATIONS:** Grab a bite to eat and further your education. These 60-minute sessions are presented by thought-leaders and include relevant scientific information. They also provide attendees with in-depth information on specific disease states and clinical patient solutions. Lunch and Learns are independent from the Academy and do not offer CME credit. View the full schedule on page 54.

## MEDICAL AFFAIRS BOOTHS

### Why do some pharmaceutical companies have 2 exhibit booths in the PM&R Pavilion?

Sometimes, you'll see that pharmaceutical companies have 2 exhibit booths in the PM&R Pavilion, or a separate booth within a booth. One is often designated as "Medical Affairs." Medical Affairs booths are independent from commercial booths. Staffed by Medical Science Liaisons (MSLs), Medical Affairs booth staff are in attendance to answer your clinical questions, including any off-label questions you may have. Staff at commercial booths are not allowed to discuss off-label uses of their products.



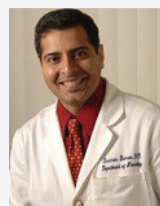


## Introducing toxin injection into your practice

Toxin injections benefit your patients and your practice. Through FREE video based training modules you will learn the fundamentals of introducing EMG guided toxin injections to your practice.

### Some topics include:

- The learning curve for injectors
- Anatomy review including cadaver videos
- Assimilating toxins into your work flow
- Understanding disease states
- EMG guidance



This series is taught by leading experts in the field and coordinated by Dr. Laxman Bahroo.



For access to this free course, visit **neurologyinsights.com** or stop by our **Booth #314**

# ASSEMBLY 360° CHALLENGE



## ASSEMBLY 360° CHALLENGE

Earn points through the mobile app  
as you navigate #AAPMR2018!

**PLAYING IS SIMPLE:** At each stop, you will be presented with a bar code to scan once you engage in the activity (scanner is built into the app and all registrants are included in the game). Points accumulate and winners will be posted on the leader board within the app as well as through AAPM&R social media channels.



1

Scan bar codes at the following  
booths and ask/answer  
their trivia question:

25 POINTS PER BOOTH

	BOOTH #
Allergan, Inc.	513
Daiichi Sankyo, Inc.	706
Halyard Health	745
Ipsen Biopharmaceuticals, Inc.	301
Konica Minolta Medical Imaging	600
Medtronic	209
Merz Pharmaceuticals, LLC	601
Saol Therapeutics	431
Spaulding Rehabilitation Network	711
Tyromotion GmbH	1015

### PRIZES

- **FIRST:** 2019 Annual Assembly Registration
- **SECOND:** 2018 Annual Assembly Rewind
- **THIRD:** \$50 coupon on mē® site
- Attendees who accumulate at least 250 points will be entered into a drawing for a Starbucks gift card.

We reserve the right to remove points that were obtained in a fraudulent manner.

**RULES:** The game runs from Thursday, October 25 at 8 am (ET)–Sunday, October 28 at 12 pm (ET). Attendees with the top 3 scores will receive a prize. In the event of a tie, AAPM&R will select a winner through a drawing. Winners will be announced after the meeting. Prizes will be distributed electronically after the Annual Assembly.

- 2 Stop by the Member Solution Center to record a 20-second video to celebrate your specialty! It's a great way to celebrate #PhysiatryDay on Friday, October 26. (10 POINTS)
- 3 Visit the Member Solution Center and update your member profile. (10 POINTS)
- 4 Visit the Career Corner Booth (#1001) in the PM&R Pavilion to participate in a roundtable discussion or learn about Academy resources. (10 POINTS)
- 5 Visit the Learning Center in the PM&R Pavilion, see mobile app or page 38 for dates/times. (10 POINTS PER DAY)
- 6 Visit the Poster Hall. See mobile app or page 30 for dates/times. (10 POINTS)
- 7 Attend a BOLD session to learn from and connect with your peers working to advance the specialty. See mobile app or page 34 for dates/times. (10 POINTS PER DAY)
- 8 Attend the Resident Quiz Bowl (October 26, 3:45 pm–5 pm, Live Theater of the Learning Center in the PM&R Pavilion). (25 POINTS)
- 9 Attend PhyzTalks, the Sunday Plenary Session (October 28, 10 am–11:30 am). (10 POINTS)
- 10 Attend a Lunch and Learn Presentation or Sponsored Educational Forum in the PM&R Pavilion. See mobile app or page 54 for dates/times. (25 POINTS)
- 11 Attend a Satellite Symposium. See page 55 for dates/times. (25 POINTS)
- 12 Visit the AAPM&R Registry booth in the PM&R Pavilion. (25 POINTS)



## CAREER AND FELLOWSHIP CORNER SCHEDULE OF EVENTS

Stop by the Career and Fellowship Corner in the PM&R Pavilion (**Booth #1001**) to learn more about the Academy's career development resources. Meet with representatives and staff who can help you post your CV or open position on AAPM&R's Job and Fellowship Board or sign up to be a mentor in AAPM&R's new Virtual Mentoring Program. Also, participate in small group and/or one-on-one sessions led by your peers to further your knowledge while at the Annual Assembly. Attendees can have their CVs reviewed or gain fellowship advice through conversations with volunteers.

**Expanded content based on last year's popularity!** Featured speakers hosting informal, intimate roundtables are listed below. **Advanced registration and additional fees are not required.** Just stop by the Career and Fellowship Corner for added learning and conversation! Check the mobile app for updates.

### THURSDAY, OCTOBER 25

1 pm–1:30 pm

#### **Insurance Basics for the Early-Career Physician**

Dan Marolis, Financial Services Professional, Treloar & Heisel

1:30 pm–2 pm

#### **Financial Strategies for the Early-Career Physician**

Dan Marolis, Financial Services Professional, Treloar & Heisel

2:30 pm–3 pm

#### **CV Overview & Review**

Randy Awni, Miner/Mason & Associates

3:30 pm–4 pm

#### **CV Overview & Review**

Linda Farr, Farr Healthcare

4:30 pm–5 pm

#### **Fellowship Roundtable:**

#### **How to Land the Fellowship You Want**

Sunny Sharma, MD

5:30 pm–6 pm

#### **Career Enhancement Through Volunteerism**

Deborah Venesy, MD, FAAPMR

6 pm–6:30 pm

#### **How to Market Yourself**

Gene Tekmyster, MD, FAAPMR

### FRIDAY, OCTOBER 26

10:30 am–11 am

#### **Starting a Private Practice**

Annie Purcell, DO, FAAPMR

2 pm–2:30 pm

#### **Fellowship Roundtable:**

#### **How to Land the Fellowship You Want**

Stephanie Tow, MD

2:30 pm–3 pm

#### **Addressing Burnout in Trainees...**

#### **(Connect with the Presenter of Session #701)**

Miguel X. Escalon, MD, MPH, FAAPMR

3 pm–3:30 pm

#### **What Are You Looking For...Besides a Job?**

#### **(Connect with the Presenter of Session #705)**

Jim Daley, MD, FAAPMR

### SATURDAY, OCTOBER 27

9:30 am–10 am

#### **Financial Strategies for the Mid- and Late-Career Physician**

Dan Marolis, Financial Services Professional, Treloar & Heisel

10:30 am–11 am

#### **Career Transitions: Pearls, Pitfalls, and Developing a Practice Plan (Connect with the Presenter of Session #308)**

Cherry C. Junn, MD, FAAPMR

11:30 am–12 pm

#### **Incorporating Advance Practice Providers into Your Practice**

Jonathan Whiteson, MD, FAAPMR

## RESIDENT CV REVIEW

Stop by the Career and Fellowship Corner to have your CV reviewed by an AAPM&R member.

### THURSDAY, OCTOBER 25

1:30 pm–2:30 pm

- Sunny Sharma, MD
- Justin Bishop, MD

### FRIDAY, OCTOBER 26

9:15 am–9:45 am

- Julie Witkowski, MD

11:15 am–12:15 pm

- Charles Kenyon, MD
- Stephanie Tow, MD



## FELLOWSHIP INSIGHTS

### THURSDAY, OCTOBER 25

5:30 pm–6 pm

- Sunny Sharma, MD

### SATURDAY, OCTOBER 27

11:30 am–12:30 pm

- Carlo Milani, MD, FAAPMR

## IN THE FUTURE OF MEDICINE, **DATA** IS THE KEY



153 billion gigabytes of health care data were produced in 2013 and an estimated 230+ trillion gigabytes will be produced in 2020, translating to an overall health care data increase of at least 48% annually.<sup>1</sup>

### THAT'S A **LOT** OF DATA AND IT CONTINUES TO GROW. BUT WHY DOES IT MATTER TO YOU, THE PRACTITIONER?

Data has the potential to make health care more preventive, predictive, and personalized, meaningfully reduce health care costs, and lead to better patient outcomes.<sup>2</sup>

THE INSTITUTE FOR HEALTHCARE IMPROVEMENT (IHI) QUADRUPLE AIM CALLS FOR:



Improving the patient  
experience of care (including  
quality and satisfaction)



Improving the health  
of populations



Reducing the per  
capita cost of  
health care



Avoiding  
physician burnout

The evaluation of each of these goals will be based on **data**. Data is the key to telling the story of your clinical care and proving your value.

Give your data purpose and shape your own story. Unlock the key to your and physiatry's future by signing up for the AAPM&R Registry today. Visit [www.aapmr.org/registry](http://www.aapmr.org/registry) to fill out an interest form.

Or, stop by AAPM&R's Registry booth #1101 in the PM&R Pavilion. Flip to page 31 for a schedule of events.

1-2 "The Digital Universe of Opportunities: Rich Data and the Increasing Value of the Internet of Things,"  
EMC Digital Universe with Research and Analysis by IDC, April 2014

## ENJOY LUNCH AND LEARN PRESENTATIONS/SPONSORED EDUCATIONAL FORUMS

These are educational sessions hosted by sponsoring organizations. While these are not for CME, they are educational in nature. No advanced registration is required and all are welcome to attend.

PM&R PAVILION, EXHIBIT HALL WD1-2, LUNCH AND LEARN THEATER S1 AND 2  
(PLEXIGLASS-WALLED THEATERS NEAR THE POSTER HALL)

### Advancement in Abuse-deterrent Formulations and IR Opioids

THURSDAY, OCTOBER 25 | 12:45 pm-1:45 pm

Please join us for an interactive, industry-sponsored presentation, which will discuss the issue of abuse and diversion of prescription opioids, with a spotlight on immediate-release (IR) opioids.



### Closing the Gap on Research vs. Reality: A Look at Neurotoxin Therapy

THURSDAY, OCTOBER 25 | 12:45 pm-1:45 pm

Speakers: Dr. Nicolas Kethcum and Dr. Juergen Frevent

Please join us to learn more about the FDA approval in neurotoxin therapy.



### Setting the Standard in Neuropsychiatric Symptoms Quality: Your Voice, Psychiatrist Leadership, Patient Impact

THURSDAY, OCTOBER 25 | 5:45 pm-6:45 pm

Panel: Cindy Ivanhoe, MD, FAAPMR (Facilitator); Heidi Fusco, MD, FAAPMR; Brian Greenwald, MD, FAAPMR

A roundtable discussion led by facilitator Cindy Ivanhoe, MD, FAAPMR, offering insights and best practices in managing the care of neuropsychiatric symptoms secondary to brain injury.



### Fast Kinesio® Tape Applications for a Busy Physiatrist; Examples in Sport and Spine Injuries and Post-Chemodenervation

THURSDAY, OCTOBER 25 | 6:15 pm-7 pm

Speaker: John Henry Sloan, MD, MPH, FAAPMR

THIS SESSION TAKES PLACE IN THE LEARNING CENTER THEATER.

The presenters will be targeting busy physiatrists who manage acute and chronic musculoskeletal and neurological conditions in their daily practice settings.



### Considerations for Pediatric Patients with Spinal Muscular Atrophy

FRIDAY, OCTOBER 26 | 12:45 pm-1:45 pm

Speakers: Sally Evans, MD and a Patient Ambassador

This session will review recommended outcome measures for measuring motor function in later-onset SMA. It will provide an overview of SPINRAZA® (nusinersen) clinical data in a broad range of patients, including: infantile-onset (type 1) SMA and later-onset (types 2 and 3) SMA.



### Opioid Therapy Insights: A Holistic Approach to Managing Patients

FRIDAY, OCTOBER 26 | 12:45 pm-1:45 pm

Please join us for an interactive, industry-sponsored presentation, which will discuss when to consider an abuse-deterrent opioid for chronic pain. We will also explore treatment options for opioid-induced constipation in adult patients with chronic non-cancer pain.



Reference your Playbill for more information on Lunch and Learns/ Sponsored Educational Forums.

## HAPPYORNOT®

Let your Academy know how your #AAPMR2018 experience is at our Happy or Not kiosks placed throughout the convention center. Answer a different question at each kiosk!

AAPM&R allows third-party sponsored CME activities called Satellite Symposia. The third-party may garner support for their activity from 1 or more industry companies. Third-party CME providers are required to follow all ACCME guidelines. Additional *AMA PRA Category 1 Credits™* are available. Advanced registration is not required. All are welcome and breakfast is provided.

## Optimizing Care for Patients with Spasticity: Methods for Improving Life-Span Care

FRIDAY, OCTOBER 26 | 6:30 am–7:45 am

HYATT REGENCY ORLANDO, ORLANDO BALLROOM N

Speaker: Katherine E. Alter, MD, FAAPMR

### LEARNING OBJECTIVES

After attending this activity, participants will demonstrate the ability to:

- **Review** the indications, and the unique clinical applications of botulinum toxin pharmacotherapy in patients with cervical dystonia, limb dystonias, and spasticity.
- **Identify** the indications and unique dosing requirements of the current botulinum neurotoxins for the treatment of cervical dystonia, limb dystonias, and spasticity.
- **Discuss** management and communication strategies to facilitate care for pediatric patients transitioning to adult care.
- **Describe** effective adult transition strategies to assist clinicians in providing optimal care throughout a patient's life-span.
- **Develop** strategies for individualizing therapy and assisting patients with cervical dystonia, limb dystonias, and spasticity in achieving their functional goals.

**ACCREDITATION:** In support of improving patient care, this activity has been planned and implemented by AKH Inc., Advanced Knowledge in Healthcare and Catalyst Medical Education, LLC. AKH Inc., Advanced Knowledge Healthcare is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME).

**PHYSICIANS:** AKH Inc., Advanced Knowledge in Healthcare designated this live activity for a maximum of 1.25 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Supported by an educational grant from Ipsen Biopharmaceuticals, Inc.



**Physical Medicine and Rehabilitation** at Michigan Medicine is a leader in rehabilitation training, research, and clinical care. Michigan Medicine is home to one of the largest health care complexes in the world. It has been the site of many groundbreaking medical and technological advancements since the Medical School first opened in 1850. Visit [pmr.med.umich.edu](http://pmr.med.umich.edu) and learn about exciting new developments in the department.

Sean Smith, MD  
Assistant Professor and Director of Cancer Rehabilitation



### JOIN US!

October 25, 2018

**All-Michigan Physiatry Reception at AAPM&R 2018**

Hyatt Regency, Orlando

September, 2019

**James Rae Alumni Day and Football Tailgate**

Ann Arbor  
Details TBA



**THE LEADERS AND BEST!**

**Leadership in Education**  
Training the Leaders of Tomorrow

**Leadership in Innovation**  
#4 in NIH Funding for PM&R

**Leadership in Interdisciplinary Rehabilitation**  
Translating Innovation to Patient Care

**For information:**  
[pmr.med.umich.edu](http://pmr.med.umich.edu)  
or 734-936-8178

# 2018 EXHIBITORS BY AISLE (AS OF SEPTEMBER 6, 2018)

AISLE 100	BOOTH
Association of Academic Physiatrists	107
Hanger Clinic	115
JFK - Johnson Rehabilitation Institute	123
Legacy Physiatry Group	129
AISLE 200	BOOTH
Corinthian Reference Lab	200
Allard USA, Inc.	201
RxFUNCTION, Inc.	202
Philips	203
Pernix Therapeutics	204
Quinn Medical   Thuasne USA	206
AcCELLerated Biologics, LLC	208
Medtronic, Inc.	209
University of Utah	210
University of Kansas Department of Physical Medicine & Rehabilitation	215
Wolters Kluwer	217
SI-BONE, Inc.	222
Aretech, LLC	223
Catalyst	224
Lipogems	226
Brooks Rehabilitation	228
Organogenesis Surgical & Sports Medicine	231
Fidia Pharma USA	232
Physicians Practice Enhancement	233
Penn State Health Milton S. Hershey Medical Center	235
D-Gate	239
Gorbel Medical	241
Myomo, Inc.	245
AISLE 300	BOOTH
MedStar National Rehabilitation Network	300
Ipsen Biopharmaceuticals, Inc.	301
Ossur Americas	309
Ambu, Inc.	314
ReWalk® Robotics	315
Hocoma/Motek	323
Ochsner Health System	328
Farr Healthcare	329
Kinesio USA	330
NEXTLocums	331
Arthrex, Inc.	332
Celling Biosciences	333
Epimed International, Inc.	335
Jazz Pharmaceuticals, Inc.	338
Boiron	339
LocumTenens.com	341
Pentec Health	343
1st Providers Choice - PM&R EHR	345
Basic Home Infusion	346

AISLE 400	BOOTH
Natus Neuro	408
MossRehab	409
Mayo Clinic	415
Cutting Edge Laser Technologies	423
Alliance Labs	427
Fujifilm Sonosite	428
Saol Therapeutics	431
National Health Rehabilitation	432
Terason	434
Advanced Arm Dynamics	435
Clarix Healthcare	438
Biogen	439
Safersonic, Inc.	442
Amputee Coalition	443
APCA	444
Calmoseptine, Inc.	445
AISLE 500	BOOTH
US WorldMeds	500
RGS Healthcare	501
Rusk Rehabilitation at NYU Langone Medical Center	503
7D Imaging	509
Allergan, Inc.	513
Nihon Kohden America	522
Samsung NeuroLogica	526
Cadwell Laboratories, Inc.	530
Demos Medical Publishing	534
Easy Walking, Inc.	538
Parker Hannifin	539
U.S. Physiatry, LLC	540
Mount Sinai Health System	542
Shepherd Center	543
MiMedx Group, Inc.	544



<b>AISLE 600</b>	<b>BOOTH</b>
Konica Minolta Medical Imaging	600
Merz Pharmaceuticals, LLC	601
Alexion Pharmaceuticals	604
Saebo	607
The Electrode Store	608
Mobility Research	611
Ekso Bionics	615
ProtoKinetics Gait Analysis Walkways	638
Movendo Technology SRL	639
Post Acute Medical, LLC	642
Miner/Mason & Associates	645
<b>AISLE 700</b>	<b>BOOTH</b>
Encompass Health	701
Daiichi Sankyo, Inc.	706
North American Spine Society	707
TOTO USA, Inc.	709
Spaulding Rehabilitation Network	711
Piramal Critical Care	715
Infinite Therapeutics	739
Integrated Rehab Consultants	741
American Board of Physical Medicine and Rehabilitation	743
Joint Active Systems, Inc.	744
Halyard Health	745
Gensco Pharma	748
<b>AISLE 800</b>	<b>BOOTH</b>
Emory Rehabilitation Hospital	800
Kessler Institute for Rehabilitation	801
SSM Health Rehabilitation Hospital	802
California Rehabilitation Institute	803
Penn State Health Rehabilitation Hospital	804
Baylor Scott & White Institute for Rehabilitation	805
Helen M. Simpson Rehabilitation Hospital	806
Select Medical Corporation	807
Cleveland Clinic Rehabilitation Hospital	808
Rochester Electro-Medical, Inc.	814
Allergan Medical Affairs	815
Treloar & Heisel, Inc.	816
Regenexx	838
Physician Life Care Planning	839
Concentra	840
Motorika USA	842
Bauerfeind USA, Inc.	844

<b>AISLE 900</b>	<b>BOOTH</b>
Carolinas Rehabilitation	900
Elsevier, Inc.	901
Cleveland Clinic	902
Pain Medicine News	904
Uniform Data System for Medical Rehabilitation	905
Yale Medicine	906
Mitek Sports Medicine	907
Logistics Health Incorporated	908
Multi Radiance Medical	909
University of Louisville	910
Reha Technology USA	915
Bioness, Inc.	923
Restorative Therapies	927
Mary Free Bed Rehabilitation Hospital	933
Vanderbilt University Medical Center Department of PM&R	935
DIERS Medical Systems	938
LifeWalker Mobility Products	940
MIH International, LLC/M-Brace	941
<b>AISLE 1000</b>	<b>BOOTH</b>
Gaylord Specialty Healthcare	1000
AAPM&R Career Corner	1001
Good Shepherd Rehabilitation Network	1002
Foundation for PM&R	1004
Cardinal Health	1006
NuStep, LLC	1007
Southcentral Foundation	1008
Kennedy Krieger Institute	1009
Zero Gravity Skin	1010
Tekscan, Inc.	1011
Tyromotion GmbH	1015
J & M Distribution	1023
Rehab Without Walls NeuroSolutions	1025
FIG Education	1028
Shirley Ryan AbilityLab	1029
CloudEMG	1030
<b>AISLE 1100</b>	<b>BOOTH</b>
AAPM&R Registry	1101

Is your organization or institution interested in securing a spot in the PM&R Pavilion in San Antonio at the 2019 Annual Assembly, November 14-17? Secure your space before you leave Orlando. Visit the sales office in the PM&R Pavilion (rear of the hall, end of aisle 1100). AAPM&R's Annual Assembly is the largest gathering of practicing and in-training physiatrists. Book your space today!

Check the mobile app for new exhibitors registered after the publication date.

# EXHIBITOR PROFILES

**1st Providers Choice-PM&R EHR**  
[www.1stproviderschoice.com](http://www.1stproviderschoice.com)



**7D Imaging**

[www.7Dimaging.com](http://www.7Dimaging.com)

Accelerated learning systems for MSK ultrasound. Used around the world. Basic to advanced content. Interventional and diagnostic. 66 CME credits included.

**ABPMR**

[www.abpmr.org](http://www.abpmr.org)

The American Board of Physical Medicine and Rehabilitation booth will provide information regarding online services, residency training, certification, subspecialty certification, and Maintenance of Certification (MOC).

**AcCELLerated Biologics, LLC**

[www.acceleratedbiologics.com](http://www.acceleratedbiologics.com)

AcCellerated Biologics, Delivering the Total Biologic™ since 1999, is a nationwide independent medical distribution company focused on consulting and providing the physician, their staff, and community with superior customer service and products related to platelet rich plasma, bone marrow aspirate, concentrate adipose, and amniotic tissue/fluid that support the use of biologics.

**Advanced Arm Dynamics**

[www.armdynamics.com](http://www.armdynamics.com)

Advanced Arm Dynamics specializes in providing the most technologically-advanced upper limb prosthetic rehabilitation in the world. Their comprehensive approach includes individualized evaluation and fitting, on-site occupational therapy, a complete wellness inventory, and assistance with insurance authorization. The multidisciplinary clinical team works with thousands of patients across the United States.

**Alexion Pharmaceuticals**

[www.alexion.com](http://www.alexion.com)

**Allard USA, Inc.**

[www.allardusa.com](http://www.allardusa.com)

Innovative products to improve outcomes, including SWASH® (sitting instability and scissoring gait), the ToeOFF® Family (dynamic response carbon composite AFO's—Adult and Pediatric), COMBO™ (for management of footdrop combined with genurecurvatum), CHECK™ (lightweight hyperextension knee control), MultiMOTION™ (dynamic corrective joint system for contracture management), C4C—Cut-For-Custom products, and more.

**Allergan Medical Affairs**

[www.allergan.com/home](http://www.allergan.com/home)

Allergan plc (NYSE: AGN), is a bold, global pharmaceutical company focused on developing, manufacturing, and commercializing branded pharmaceuticals, devices, and biologic products for patients around the world.

**Allergan, Inc.**

[www.allergan.com/home](http://www.allergan.com/home)

Allergan plc (NYSE: AGN), is a bold, global pharmaceutical company focused on developing, manufacturing, and commercializing branded pharmaceuticals, devices, and biologic products for patients around the world.

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**Alliance Labs**

[www.enemeez.com](http://www.enemeez.com)

Enemeez® non-irritating formula produces complete evacuation usually within 2-15 minutes. Easy twist-off tip; also available with soothing Benzocaine. Enemeez® is effective for bowel care needs associated with spinal cord injury and disease, multiple sclerosis, traumatic brain injury, spina bifida, long-term care, stroke, and general constipation.

**Ambu, Inc.**

[www.ambuusa.com](http://www.ambuusa.com)

Ambu, Inc. develops, produces, and markets diagnostic and life-supporting devices for hospitals and rescue services. Ambu, Inc. has 3 business areas: airway management, patient monitoring and diagnostics, and emergency care. The ventilation products are for artificial respiration, electrodes for ECG tests and neurophysiological tests, and manikins for first-aid training.

**AAPM&R Registry**

[www.aapmr.org/registry](http://www.aapmr.org/registry)

Meet with Academy staff and representatives from our technology vendor, FIGmd to learn more about what a clinical data registry can do for you, your practice, and your patients.

**Amputee Coalition**

[www.amputee-coalition.org](http://www.amputee-coalition.org)

The Amputee Coalition is the nation's leading donor-supported advocacy organization. We reach out and empower people affected by limb loss to achieve their full potential through education, support, and advocacy, and to promote limb loss prevention. We accomplish this by operating the National Limb Loss Resource Center, which includes patient education materials, events, a national peer support network, and more.



**APCA**

[www.APCA.org](http://www.APCA.org)

The Alliance for Physician Certification and Advancement™ (APCA™), established in 2016, exclusively serves the physician community of more than 21,000 physicians in support of their enduring commitment to continual learning and providing high-quality and compassionate patient care through certification.

**Aretech, LLC**

[www.aretchllc.com](http://www.aretchllc.com)

Aretech is a world leader in developing advanced rehabilitation technologies for improving function and independence. The ZeroG Gait and Balance System is a robotic body-weight support system, which assists patients of a wide range of abilities as they practice functional activities of daily living. For treadmill-based gait training, Aretech offers the ZeroG-Lite system.



**Arthrex, Inc.**

[www.arthrex.com](http://www.arthrex.com)

208

435

604

201

815

513

427

314

1101

443

444

223

332

View the list of exhibitors by category on page 73.

Exhibiting companies submitted exhibitor profiles; slight modifications may have been made to correct typos and maintain AAPM&R brand standards.

**Aspen Medical Products**  
[www.aspenmp.com](http://www.aspenmp.com)

Aspen Medical Products is a leader in the development of innovative spinal bracing for post-trauma stabilization, pre-and-post surgical stabilization, pain management, and long-term patient care. Aspen Medical Products offers multiple orthotic options that provide unsurpassed motion restriction, superior comfort, and an economic advantage, encouraging better patient compliance.

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**Association of Academic Physiatrists**  
[www.physiatry.org](http://www.physiatry.org)

AAP is a community of leaders in physiatry including department chairs, residency and fellowship program directors, faculty physicians, researchers, in-training physiatrists, and administrators. AAP runs a leading medical journal—AJPM&R, holds an annual meeting, and leads programs and activities that improve mentorship, discovery, and leadership in academic physiatry.

107

**Basic Home Infusion**  
[www.basichomeinfusion.com](http://www.basichomeinfusion.com)

Basic Home Infusion (BHI) is a national home infusion company that provides a better quality of life through effective pump management. Specializing only in intrathecal therapies, BHI provides refills and management of implanted pumps for both specialty and chronic pain.

346



**Bauerfeind USA, Inc.**  
[www.bauerfeind.com](http://www.bauerfeind.com)

Bauerfeind blazed the trail in developing functional supports and braces that provide pain relief for damaged or stressed joints. We set the bar for more than 80 years and we've been raising it ever since. It's about engineering the most effective supports and braces for every joint group in the body.

844

**Baylor Scott & White Institute for Rehabilitation**  
[www.BSWRehab.com](http://www.BSWRehab.com)

As the largest rehabilitation system in Texas, Baylor Scott & White Institute for Rehabilitation draws patients from around the world. BSW Rehab is designated by the National Institute for Disability, Independent Living and Rehabilitative Research as a model system for the treatment of patients with traumatic brain injuries.

805



**Biogen**  
[www.biogen.com](http://www.biogen.com)

**Bioness, Inc.**  
[www.bioness.com](http://www.bioness.com)

Bioness is the leading provider of innovative technologies helping people regain mobility and independence. Bioness solutions include external and implantable functional electrical stimulation systems, robotic systems, and software-based therapy programs providing functional and therapeutic benefits for individuals affected by pain, central nervous system disorders, and orthopedic injuries.

439

923

**Boiron**  
[www.boironusa.com](http://www.boironusa.com)

Boiron, world leader in homeopathic medicines, is best known for Oscilloccoccinum, a top-selling flu medicine, and its Arnicare line of pain relievers. Since 1932, Boiron has been committed to funding scientific research and educating the public and health care professionals on homeopathic medicines.

339

# BROOKS® Rehabilitation

**Brooks Rehabilitation**  
[www.brooksrehab.org](http://www.brooksrehab.org)

Brooks Rehabilitation has been serving the Southeast region for more than 40 years. A non-profit organization based in Jacksonville, FL, Brooks operates a coordinated system of health care, including one of the nation's largest inpatient rehabilitation hospitals, skilled nursing, home health care, 28 outpatient clinics, research division, assisted living, and memory care.

228



**Main Line Health®**  
 Bryn Mawr Rehab Hospital

Well ahead.®

**Bryn Mawr Rehab Hospital**  
[www.mainlinehealth.org/brynmawrrehab](http://www.mainlinehealth.org/brynmawrrehab)

Bryn Mawr Rehab Hospital, a member of Main Line Health in Philadelphia's western suburbs, is a leader in the field of physical medicine and rehabilitation. The 148-bed, not-for-profit hospital offers the full continuum of acute inpatient care, as well as outpatient services for adults and adolescents.

1040

**Cadwell Laboratories, Inc.**  
[www.cadwell.com](http://www.cadwell.com)

Cadwell is proud to introduce Sierra 3.0 EMG/NCS with fully-integrated ultrasound on the same platform. We will be presenting in the Learning Center within the PM&R Pavilion as well. Sierra is the only EMG/NCS machine on the market to fully integrate ultrasound on the same system.

530

**California Rehabilitation Institute**  
[www.californiarehabinstitute.com](http://www.californiarehabinstitute.com)

California Rehabilitation Institute, the largest inpatient medical rehabilitation hospital on the West coast, is a partnership between Cedars-Sinai, UCLA Health, and Select Medical offering cutting-edge rehabilitation care to patients by specializing in the treatment of brain and spinal cord injuries, stroke, neurological disorders, cancer, and other medical conditions.

803

**Calmoseptine, Inc.**  
[www.calmoseptine.com](http://www.calmoseptine.com)

Calmoseptine® Inc. promotes Calmoseptine® Ointment for the prevention and treatment of skin irritations from moisture such as urinary and fecal incontinence. It is also effective for irritations from perspiration, wound drainage, fecal and vaginal fistulas, and feeding tube site leakage. Free samples at our booth!

445

**Cardinal Health**  
[www.cardinalhealth.com](http://www.cardinalhealth.com)

Cardinal Health's OEM Division, OEM Specialty Products, offers a single source for a range of products and customization capabilities. With a combination of ISO-certified design services and world-class manufacturing, our team is committed to designing, developing, and delivering high-quality medical components and devices built to meet each specification, budget, and schedule.

1006

**Carolinas Rehabilitation**  
[www.carolinashealthcare.org/rehabilitation](http://www.carolinashealthcare.org/rehabilitation)

As the world's first CARF-accredited cancer program and one of the largest not-for profit rehabilitation providers in the nation, Carolinas Rehabilitation treats brain and spinal cord injury, stroke, cancer, pediatrics, and other injuries and diseases in inpatient and outpatient settings.

900

New vision. New name. New building.

# Same heart.



Get to know the Shirley Ryan AbilityLab at the 2018 AAPM&R Conference!

- **Meet our recruiters** on Wednesday from 6:30 - 9:00 PM at booth #1304 to learn about our latest employment and continuing education offerings.
- **Take a virtual reality tour** of the AbilityLab at booth #1029 in the Exhibition Hall
- **Alumni**, be sure to stop by our reunion from 6:30 - 9:00 Saturday night in Bayhill 20 Room (Lobby Level) in the Hyatt Regency

We look forward to meeting you and discussing how we can work together to move the field of physical medicine and rehabilitation forward in new and exciting ways.

Shirley Ryan  
**Abilitylab**

Formerly the  
Rehabilitation Institute  
of Chicago

<b>Catalyst</b> <a href="http://www.catalystsrn.com">www.catalystsrn.com</a> At Catalyst Regenerative Network, we help doctors heal patients by providing cutting-edge regenerative medicine therapies and products. These therapies are derived from the body's basic elements and boost its ability to heal itself in a very dramatic and powerful way.	<b>224</b>	<b>Daiichi Sankyo, Inc.</b> <a href="http://www.dsi.com">www.dsi.com</a> Daiichi Sankyo, Inc. is the U.S. subsidiary of Daiichi Sankyo, Co., Ltd. We're dedicated to the creation and supply of innovative pharmaceutical products to address diversified, unmet medical needs. We currently market therapies in hypertension, dyslipidemia, diabetes, acute coronary syndrome, thrombotic disorders, stroke risk reduction, opioid-induced constipation, IV iron therapy, and metastatic melanoma.	<b>706</b>
<b>Celling Biosciences</b> <a href="http://www.cellingbiosciences.com">www.cellingbiosciences.com</a> As the innovative leader in regenerative medicine, Celling Biosciences collaborates with physicians and scientists to develop the most sophisticated technologies and techniques for maximizing the collection, concentration, and delivery of autologous blood and bone marrow aspirate.	<b>333</b>	<b>Demos Medical Publishing</b> <a href="http://www.demoswebpub.com">www.demoswebpub.com</a> Demos Medical Publishing is a publishing leader in PM&R and other related disciplines.	<b>534</b>
<b>Claris Healthcare</b> <a href="http://www.clarisreflex.com">www.clarisreflex.com</a> Claris Reflex is a home-based rehabilitation system that improves patient compliance and allows care providers to track, coach, and monitor patients at home.	<b>438</b>	<b>D-Gate</b> <a href="http://www.uincare.com">www.uincare.com</a> D-Gate Co., Ltd. is a leading pioneer in tele-rehabilitation solutions. It successfully leverages 20 years of interactive game production experiences to innovate the models of care delivery. UINCARE, its tele-rehab solution, increases the efficiency of physical therapists and enhances the engagement of patients in rehabilitation training.	<b>239</b>
<b>Cleveland Clinic</b> <a href="http://www.ccf.org">www.ccf.org</a> Employing more than 1,200 rehabilitation professionals, Cleveland Clinic features a fully-operational disease-based care delivery system. All Cleveland Clinic PM&R doctors work side-by-side with world-class surgeons and medical specialists who share their subspecialty interests. Cleveland Clinic's health care delivery system helps patients maintain good health and improve their function.	<b>902</b>	<b>DIERS Medical Systems</b> <a href="http://www.diersmedical.com">www.diersmedical.com</a> DIERS Medical Systems is an innovative company offering a comprehensive portfolio of biomedical measurement systems for diagnosis and therapy.	<b>938</b>
<b>Cleveland Clinic Rehabilitation Hospital</b> <a href="http://www.clevelandclinicrehab.com">www.clevelandclinicrehab.com</a> Cleveland Clinic Rehabilitation Hospital offers 3 locations—Avon, Beachwood, and Akron—throughout Northeast Ohio. Our hospitals deliver specialized care and advanced treatment that enables individuals with stroke, brain and spinal cord injuries, neurological disorders, amputation, joint replacement and other orthopedic trauma, and general medical rehabilitation needs, to rebuild their lives.	<b>808</b>	<b>Easy Walking, Inc.</b> <a href="http://www.easy-walking.com">www.easy-walking.com</a> Easy Walking Inc. is the maker of the Up n' Go and the Up n' Free. Two dynamic body weight support gait trainers over ground, is excited to introduce the Up n' Tread, and a new body weight support over treadmill. Featuring: easy in-and-out, dynamic standing, and true weight shifting over treadmill. Available for adults and children.	<b>538</b>
<b>Cloud EMG</b> <a href="http://www.cloudemg.com">www.cloudemg.com</a>	<b>1030</b>	<b>Ekso Bionics</b> <a href="http://www.eksobionics.com">www.eksobionics.com</a> Ekso Bionics™ Ekso GT™ robotic exoskeleton for gait training is designed to enable individuals with weakness or paralysis of the lower limbs, due to spinal cord injury, stroke, and other conditions causing lower extremity weakness, to walk overground.	<b>615</b>
<b>Concentra</b> <a href="http://www.concerta.com">www.concerta.com</a> Concentra is a national health care company focused on improving the health of America's workforce, one patient at a time. Our network of clinicians provides workplace health, urgent care, physical therapy, and wellness services from nearly 600 medical locations and onsite in 40 states.	<b>840</b>	<b>Elsevier, Inc.</b> <a href="http://www.elsevier.com">www.elsevier.com</a> Elsevier is a world-leading provider of information solutions that enhance the performance of science, health, and technology professionals, empowering them to make better decisions, and deliver better care.	<b>901</b>
<b>Corinthian Reference Lab</b> <a href="http://www.corinthianreferencelab.com">www.corinthianreferencelab.com</a> CRL offers the most sensitive and reliable test for diagnosing small fiber neuropathy. The Corinthian Difference: Easy shipping process—you will never have to wash or freeze a sample; CRL kits can be stored for up to 1 year before they expire; no cumbersome freezer packs; flat packaging requires minimal storage; downloadable color reports; and customized web-based reporting and reordering.	<b>200</b>	<b>Emory Rehabilitation Hospital</b> <a href="http://www.EmoryHealthCare.org/rehab">www.EmoryHealthCare.org/rehab</a> Emory Rehabilitation Hospital combines the convenience and comfort of community-based care with national clinical expertise in comprehensive medical rehabilitation. Our unique programs better serve patient needs while helping individuals and their families set goals and plan for the future. Emory Rehabilitation Outpatient Center has 24 locations offering physical rehabilitation services.	<b>800</b>
<b>Cutting Edge Laser Technologies</b> <a href="http://www.celasers.com">www.celasers.com</a> Cutting Edge Laser Technologies offers a line of patented and clinically-validated therapy lasers for the progressive practitioner. MLS® (Multi-Wave Locked System) Laser Therapy is quickly becoming the standard of care for alleviating pain, reducing inflammation, and speeding recovery without the risk of heating tissue.	<b>423</b>	<b>Encompass Health</b> <a href="http://www.encompasshealth.com">www.encompasshealth.com</a> As a national leader in post-acute care, Encompass Health offers facility-based and home-based patient care through its network of inpatient rehabilitation hospitals, home health agencies, and hospice agencies. With a national footprint that spans 37 states and Puerto Rico, we're committed to delivering high-quality, cost-effective care across the post-acute continuum.	<b>701</b>

View the list of exhibitors by category on page 73.

# EXHIBITOR PROFILES

## Epimed International, Inc. 335 [www.epimedint.com](http://www.epimedint.com)

Epimed International, Inc. will be featuring products designed for chronic and acute pain management techniques. We will display the expanded line of Rac<sup>z</sup>\* Spring Guide Epidural Catheters; RX<sup>™</sup>, R.K<sup>™</sup>, and FIC Epidural Introducer Needles; R-F<sup>™</sup> Line of Radiofrequency Products; Coude<sup>™</sup> and Straight Blunt Nerve Block Needles; and Mini Trays.

## Farr Healthcare 329 [www.farrhealthcare.com](http://www.farrhealthcare.com)

Farr Healthcare, Inc. is a physician recruitment firm that specializes in physiatry recruitment. Linda Farr has been in the physician recruitment field for 30+ years and in physiatry recruitment for 20+ years. She is known for her honesty, reliability, and effectiveness. She had the honor of being the only physiatry recruiter invited to speak at the AAPM&R meetings for the past 4 years.

## Fidia Pharma USA 232 [www.fidiapharma.us](http://www.fidiapharma.us)

Fidia Pharma USA Inc. is a fully-owned subsidiary of Fidia Farmaceutici S.p.A., a global pharmaceutical leader in hyaluronic acid (HA)-based products. Since its inception, our team of professionals has focused on expanding Fidia's position in the U.S. and Canadian market, providing its customers with unique, innovative and reliable HA-based treatment options.

## FIG Education 1028 [www.figeducation.com](http://www.figeducation.com)

## Foundation for PM&R 1004 [www.foundationforpmr.org](http://www.foundationforpmr.org)

The Foundation for PM&R is committed to restoring health, improving function, minimizing pain, and enhancing the quality of life for individuals with disability through research and education in PM&R. Visit our booth to meet board members, learn about available research grant support, and pick up your race packet for the Rehab 5k Run/Walk & Roll.



## SonoSite

## Fujifilm Sonosite 428 [www.sonosite.com](http://www.sonosite.com)

SonoSite hepled pioneer the concept of portable, point-of-care ultrasound, and it continues to be a world-leading manufacturer and innovator of bedside ultrasound systems. SonoSite's portable, compact systems are expanding the use of ultrasound across the clinical spectrum by cost-effectively bringing high-performance ultrasound to the point of patient care.

## Gaylord Specialty Healthcare 1000 [www.gaylord.org](http://www.gaylord.org)

Gaylord Specialty Healthcare has the only CARF-accredited stroke specialty and spinal cord injury specialty programs in CT, and the only transitional living facility in the state for acquired brain injury. Gaylord is part of the SCI system of which there are 14 centers in the nation. Our programs are stroke, spinal cord injury, traumatic brain injury, pulmonary, and complex medical care.

## Gensco Pharma 748 [www.genscopharma.com](http://www.genscopharma.com)

Gensco Pharma is a specialty pharmaceutical company focusing on research, development, and marketing of transdermal prescription products. As an innovator of pharmaceutical products and developer of patented drug delivery systems, we are dedicated to the continual pursuit of novel and effective therapies that improve health.

## Good Shepherd Rehabilitation Network 1002 [www.goodshepherdrehab.org](http://www.goodshepherdrehab.org)

Good Shepherd Rehabilitation Network is located in Allentown, PA. Good Shepherd Rehabilitation is a nationally-recognized rehabilitation leader, offering complete post-acute continuum of care for people with physical and cognitive disabilities.

## Gorbel Medical 241 [www.safegait.com](http://www.safegait.com)

Gorbel Medical designs, manufactures, and markets the SafeGait<sup>™</sup> 360° Balance and Mobility Trainer, which is a gait training medical device that assists patients in a physical therapy setting. SafeGait is a ceiling mounted, dynamic body weight support system, featuring dynamic fall protection, which prevents falls while therapists work one-on-one with patients in a barrier-free treatment zone.

## Halyard Health 745 [www.halyardhealth.com](http://www.halyardhealth.com)

Halyard Health is a medical technology company focused on preventing infection, eliminating pain, and speeding recovery by delivering products and services that help advance health care worldwide. Solutions include COOLIEF<sup>®</sup> Cooled RF, a continuous thermal radiofrequency treatment that uses water-cooled technology to safely deactivate pain-causing sensory nerves and is clinically proven to provide up to 24 months of relief.



## Hanger Clinic 115 [www.hangerclinic.com](http://www.hangerclinic.com)

With a network of more than 750 patient care clinics in the country, Hanger Clinic is the largest and most experienced prosthetic and orthotic provider in the nation. We specialize in empowering the human potential of our patients by creating customized devices to meet their needs.

## Helen M. Simpson Rehabilitation Hospital 806 [www.simpson-rehab.com](http://www.simpson-rehab.com)

Helen M. Simpson Rehabilitation Hospital is a certified stroke rehabilitation hospital and combines the convenience and comfort of community-based care with national clinical expertise in comprehensive medical rehabilitation. Our state-of-the-art facility provides services for patients recovering from stroke, spinal cord or brain injuries, amputation, neurological, and orthopedic conditions.



## Hocoma/Motek 323 [www.hocoma.com](http://www.hocoma.com)

Hocoma is the global market leader for the development, manufacturing, and marketing of robotic and sensor-based medical devices for functional movement therapy. Motekforce Link is the global leader in virtual reality technology for research and rehabilitation.

Exhibiting companies submitted exhibitor profiles; slight modifications may have been made to correct typos and maintain AAPM&R brand standards.

**Infinite Therapeutics** 739  
[www.infinitymassagechairs.com](http://www.infinitymassagechairs.com)

Infinity Massage Chairs is the fastest-growing massage chair brand in North America, with an A+ rating from the Better Business Bureau. Our mission is to improve the health and wellness of our customers to live more comfortably and make the most of every day.

**Integrated Rehab Consultants** 741  
[www.irehabconsultants.com](http://www.irehabconsultants.com)

IRC is a physician-owned organization dedicated to providing a higher level of post-acute care, allowing physicians the opportunity to work for themselves while having the backing of a national organization.



**Ipsen Biopharmaceuticals, Inc.** 301  
[www.ipsenus.com](http://www.ipsenus.com)

Ipsen Biopharmaceuticals, Inc. is a U.S. affiliate of Ipsen SA, an emerging global biotech company. At Ipsen Biopharmaceuticals, we are focused on developing and providing access to therapies across our core therapeutic areas: oncology, neurology, and rare diseases.

**J & M Distribution** 1023  
[www.truestim.com](http://www.truestim.com)

**Jazz Pharmaceuticals, Inc.** 338  
[www.jazzpharma.com](http://www.jazzpharma.com)

Jazz Pharmaceuticals plc (NASDAQ: JAZZ) is an international biopharmaceutical company focused on improving patients' lives by identifying, developing, and commercializing meaningful products that address unmet medical needs. The company has a diverse portfolio of products in the areas of sleep, hematology/oncology, and pain.

**JFK-Johnson Rehabilitation Institute** 123  
[www.jfkhealth.org](http://www.jfkhealth.org)

JFK Johnson Rehabilitation Institute is the department of PM&R for Rutgers RWJ Medical School. Our nationally-renowned rehabilitation institute includes a full range of services from orthopedics to traumatic brain injury for adults and pediatric patients who are treated by top specialists in the country for every rehabilitation need.



**Joint Active Systems, Inc.** 744  
[www.jointactivesystems.com](http://www.jointactivesystems.com)

Joint Active Systems (JAS) is the innovator and market leader for adjunctive Static Progressive Stretch (SPS) device therapy, the proven approach for fast and effective joint range of motion (ROM) restoration. To compliment the patented JAS® SPS product line, JAS now offers a complete line of JAS® Dynamic ROM therapy devices.



**Kennedy Krieger Institute**  
 UNLOCKING POTENTIAL

**Kennedy Krieger Institute** 1009  
[www.KennedyKrieger.org](http://www.KennedyKrieger.org)

Kennedy Krieger Institute is internationally-recognized for improving the lives of 24,000 children and young adults with disorders and injuries of the brain, spinal cord, and musculoskeletal system each year, through inpatient and outpatient clinics; home and community services; and school-based programs.

**Kessler Institute for Rehabilitation** 801  
[www.kessler-rehab.com](http://www.kessler-rehab.com)

Kessler is 1 of 7 NIDILRR-designated model systems for the treatment and research of traumatic brain and spinal cord injuries. Top-ranked by *U.S. News & World Report* for 26 years, Kessler is recognized for its stroke, neurologic, orthopedic, amputation, cancer, and cardiac recovery programs, and its clinical and educational leadership.

**Kinesio USA** 330  
[www.kinesiotaping.com](http://www.kinesiotaping.com)



**KONICA MINOLTA**

**Konica Minolta Medical Imaging** 600  
[www.konicaminolta.com/medicalusa](http://www.konicaminolta.com/medicalusa)

Konica Minolta Healthcare is a world-class provider and market leader in medical diagnostic imaging and health care information technology. With more than 75 years of endless innovation, Konica Minolta is globally recognized as a leader offering cutting-edge technologies and support aimed at providing real solutions.



**Legacy Physiatry Group** 129  
[www.legacyphysiatry.net](http://www.legacyphysiatry.net)

Legacy Physiatry Group specializes in providing dedicated PM&R services to individuals receiving therapy to health care facilities offering rehabilitative services. Our purpose is to assist the facility's rehabilitation team with the initial evaluation and ongoing treatment of individuals presenting with a wide-range of debilitating diseases and conditions.

**LifeWalker Mobility Products** 940  
[www.lifewalker.us](http://www.lifewalker.us)

**Lipogems** 226  
[www.lipogems.eu](http://www.lipogems.eu)

LIPOGEMS® is a cutting-edge technology that gently microfragments the patient's adipose tissue to achieve a minimally-manipulated and naturally-structural product that preserves the cell and tissue microarchitecture. The FDA-cleared LIPOGEMS® device removes inflammatory agents and resizes the tissue for injection in orthopaedics and arthroscopic surgery.

**LocumTenens.com** 341  
[www.locumtenens.com](http://www.locumtenens.com)

Founded in 1995, LocumTenens.com is a full-service staffing agency serving physicians and advanced practice professionals in all health care settings. LocumTenens.com also operates the largest internet job board for the industry with access to thousands of jobs posted directly by facilities and agencies nationwide.

View the list of exhibitors by category  
 on page 73.



# JFK Johnson Rehabilitation Institute

## THE LEADER IN PROVIDING QUALITY REHABILITATION CARE

### Named Best Rehab Facility

- More than 40 Years of Providing Quality Rehabilitation to obtain optimal function and Independence.
- Comprehensive Inpatient, Outpatient Adult and Pediatric Rehabilitation Services

### ACCREDITATION COUNCIL FOR GRADUATE CONTINUING MEDICAL EDUCATION (ACGME) PROGRAMS INCLUDE:

- 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

### ACCREDITED BY



Hackensack  
Meridian *Health*  
JFK Johnson  
Rehabilitation Institute



**RUTGERS**  
Robert Wood Johnson  
Medical School

**Logistics Health Incorporated**  
[www.logisticshealth.com](http://www.logisticshealth.com)

LHI is dedicated to providing the best in health care for the men and women who keep America safe and running. Established in 1999, LHI is supported by a robust nationwide network of more than 33,000 medical, dental, and behavioral health providers. LHI designs, implements, and manages a broad spectrum of services administered in-clinic or on-location.


**Mary Free Bed Rehabilitation Hospital**  
[www.maryfreebed.com](http://www.maryfreebed.com)

The Mary Free Bed Rehabilitation Network helps patients regain independence following serious injury or illness. Our network of organizations expands access to Mary Free Bed services, which restore hope and freedom through rehabilitation. Comprehensive services and an exclusive focus on rehabilitation enables specialty physicians and staff to achieve outstanding clinical outcomes.


**Mayo Clinic**  
[www.mayoclinic.org](http://www.mayoclinic.org)

Mayo Clinic's PM&R practice is one of the country's oldest and most respected. With more than 400 members, Mayo Clinic combines comprehensive care with a seamless patient experience to more than 40,000 patients annually. We're researching new tools, technologies, and treatments, including new approaches to regenerative medicine, and translating them to patient care quickly.


**MedStar National Rehabilitation Network**
**MedStar National Rehabilitation Network**  
[www.MedStarNRH.org](http://www.MedStarNRH.org)

MedStar National Rehabilitation Network (MedStar NRH) is a regional system of rehabilitation care that offers inpatient, day treatment, and outpatient services in Washington, D.C., Maryland, Virginia, and Delaware. We provide programs to aid in the rehabilitation of adults and children recovering from neurologic and orthopedic conditions.

**Medtronic**  
[www.professional.medtronic.com](http://www.professional.medtronic.com)

As a global leader in medical technology, services, and solutions, Medtronic improves the lives and health of millions of people each year. We use our deep clinical, therapeutic, and economic expertise to address the complex challenges faced by health care systems today. Let's take health care further, together.

**Merz Pharmaceuticals, LLC**  
[www.merzusa.com](http://www.merzusa.com)

Merz Neurosciences is dedicated to delivering the total experience to patients and physicians in neurosciences. We strive to deliver meaningful treatment options and a better patient experience to meet the needs of each person we serve. Merz Neurosciences is an important contributor to the U.S. neurosciences space, offering a well-balanced product portfolio.

908

**MIH International, LLC/M-Brace**  
[www.m-brace.com](http://www.m-brace.com)

M.I.H. International is the manufacturer of the M-Brace line of orthopedic soft goods and the best LSO on the market. Our products are designed to offer maximum support while remaining comfortable and dry. Our advanced fabrics are neoprene, latex-free, and are breathable, producing a higher rate of compliance.

**MiMedx Group, Inc.**  
[www.mimedx.com](http://www.mimedx.com)
**Miner/Mason & Associates**  
[www.minermason.com](http://www.minermason.com)

We are the oldest search firm recruiting only physiatrists. Due to our longevity, focus, and dedication, we understand the rehab arena better than other recruiting firms. By working closely with a wide range of physicians, administrators, and management-level clinicians, we have built a strong reputation and many trusting relationships.

**Mitek Sports Medicine**  
[www.depuysynthes.com](http://www.depuysynthes.com)

DePuy Synthes Mitek Sports Medicine is a global leader in orthopaedic sports medicine devices and products used in the treatment of traumatic and degenerative soft tissue pathologies and joint injuries related to sports and physical activity. Our company's portfolio includes non-surgical and minimally-invasive surgical therapies to help patients move beyond joint injuries and pain.

**Mobility Research**  
[www.litegait.com](http://www.litegait.com)

Mobility Research is a company of rehabilitation professionals dedicated to the transfer of the latest technology and research knowledge to the rehabilitation arena. Our team of clinicians, researchers, educators, and engineers provides products, education, and rehabilitation solutions for pediatric and adult populations with motor control-related disabilities.


**MossRehab**  
[www.mossrehab.com](http://www.mossrehab.com)

MossRehab, ranked among the nation's top 10 rehabilitation hospitals by *U.S. News & World Report*, is a global pioneer in the use and research of rehabilitation robotics. Our outcomes surpass regional and national averages for patients with brain injury, spinal cord injury, stroke and neurological diagnosis, amputation, and musculoskeletal conditions.

**Motorika USA**  
[www.motorika.com](http://www.motorika.com)

Motorika develops and commercializes robot-assisted solutions to help restore or maintain upper and lower limb mobility that is inherent to a better quality of life. ReoGo, the company's flagship product helps "retrain the brain" after neurological or orthopedic injury, improving function, accelerating motor recovery, and providing better clinical outcomes.


**Mount Sinai**  
*New York*
**Mount Sinai Health System**  
[www.mountsinai.org](http://www.mountsinai.org)

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544

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611

409

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View the list of exhibitors by category on page 73.

**Movendo Technology SRL** 639  
[www.movendotechnology.com](http://www.movendotechnology.com)

Movendo Technology is a biomedical company, financed by Dompé Farmaceutici Group, that designs and produces innovative robotic technologies for rehabilitation using the know-how within the Italian Institute of Technology, a research center leader in robotics, neuroscience, nanotechnology, renewable energies, graphene, and computation.

**Multi Radiance Medical** 909  
[www.multiradiance.com](http://www.multiradiance.com)

Multi Radiance Medical is a global leader in low-level laser technology for drug-free pain relief. We manufacture FDA-cleared super pulsed laser devices, which are used throughout the world to provide pain relief associated with muscle spasms and strain, arthritis, elbow and back pain, and many other conditions.

**Myomo** 245  
[www.myomo.com](http://www.myomo.com)

Myomo® develops MyoPro®, a powered upper limb orthosis designed to restore function to the weakened or paralyzed arms of patients suffering from stroke, brachial plexus injury or other neuromuscular disease or injury. Sensing EMG signals through non-invasive sensors on the arm, it can restore the ability to perform activities of daily living.

**Myoscience** 1106  
[www.ioverahealth.com](http://www.ioverahealth.com)

Myoscience, the creator of the iovera® system, is a medical technology company that has harnessed the natural healing power of cold to develop the Focused Cold Therapy™ delivery system for the treatment of peripheral nerves for the blocking of pain. The iovera® system is the first and only minimally-invasive pain treatment to provide immediate results without the use of injections or oral medications.

**NASS** 707  
[www.spine.org](http://www.spine.org)

The North American Spine Society (NASS) is a global multidisciplinary medical society that utilizes education, research, and advocacy to foster the highest quality, ethical, value, and evidence-based spine care for patients. NASS represents more than 8,000 members from multiple specialties.

**National Health Rehabilitation** 432  
[www.nationalhealthrehab.com](http://www.nationalhealthrehab.com)

National Health Rehabilitation is a national PM&R physician group, providing acute physiatry care in the sub-acute rehabilitation setting. Our mission is to maximize functional potential, reduce pain, and optimize our patient's quality of life.



**Natus Neuro** 408  
[www.natus.com](http://www.natus.com)

Natus Neuro is a global market leader that provides diagnostic, therapeutic, and surgical solutions built on a strong heritage in neurodiagnostics, neurocritical care, and neurosurgery. Natus Neuro delivers clinician-led products that improve outcomes and enhance care for neuro patients through leading-edge equipment, service, education, and supplies.

**Neofect USA, Inc.** 1034  
[www.neofect.com](http://www.neofect.com)

Neofect's RAPAE Smart Rehabilitation Solutions were developed for patients with neurological and musculoskeletal injuries affecting the hand and upper extremities. RAPAE uses portable, lightweight equipment for hospital and home training. Patients can enjoy our rehab programs based on 'gamified' training contents. We provide a clinically-proven rehab program customized to each patient for a faster recovery.



**NEXTLocums** 331  
[www.nextlocums.com](http://www.nextlocums.com)

NEXTLocums places physicians in locum tenens and permanent placement opportunities for all specialties, with a specialization in PM&R. We can assist you in finding short- or long-term coverage for your existing or expanding practice. Exclusive opportunities nationwide!

**Nihon Kohden America** 522  
[www.us.nihonkohden.com](http://www.us.nihonkohden.com)

For more than 65 years, health care providers worldwide have relied on the quality and reliability of the Nihon Kohden line of comprehensive and innovative neuro-diagnostic instrumentation to aid in the diagnosis, information, and treatment of their patients. The Neuropack EP/EMG system is designed with numerous time-saving features to maximize workflow.



**NuStep, LLC** 1007  
[www.nustep.com](http://www.nustep.com)

**Ochsner Health System** 328  
[www.ochsner.org](http://www.ochsner.org)

Driven by a mission to Serve, Heal, Lead, Educate, and Innovate, coordinated clinical and hospital patient care is provided across the region by Ochsner's 29 owned, managed, and affiliated hospitals and more than 80 health centers and urgent care centers. Ochsner is the only Louisiana hospital recognized by U.S. News & World Report as a "Best Hospital."

**Organogenesis Surgical & Sports Medicine** 231  
[www.nutechmedical.com](http://www.nutechmedical.com)

Organogenesis Surgical & Sports Medicine offers a portfolio of bioactive and acellular biomaterials products in advanced wound care and surgical biologics, including orthopedics and spine. Organogenesis' versatile portfolio is designed to treat a variety of patients with repair and regenerative needs.

**Össur Americas** 309  
[www.ossur.com](http://www.ossur.com)

Össur is a global leader in the design and manufacture of innovative prosthetics and OA and Injury Solutions for pain management and rehabilitation. Our industry-leading products include: POWER KNEE®, PROPRIO FOOT®, RHEO KNEE®, Pro-Flex®, I-Limb, CTi®, The Unloader®, Form Fit®, Innovator®, Miami Lumbar®, and Rebound®.

**Pain Medicine News** 904  
[www.painmedicineneeds.com](http://www.painmedicineneeds.com)

Pain Medicine News, the best-read pain publication in the United States according to Kantar Media, is mailed 10 times annually to 47,475 pain-treating physicians. This newspaper offers extensive coverage of pain-related presentations at major clinical meetings, presents in-depth clinical and educational reviews, as well as cutting-edge practice management articles.

Exhibiting companies submitted exhibitor profiles; slight modifications may have been made to correct typos and maintain AAPM&R brand standards.



**Parker Hannifin** 539  
[www.indego.com](http://www.indego.com)

Indego® is an exoskeleton that allows gait-impaired individuals to stand up and walk again thanks to powered hip and knee joints in conjunction with sensor technology and sophisticated control strategies. Indego can be used as a therapy tool or as a mobility assistive device for individuals.

**Penn State Health Milton S. Hershey Medical Center** 235  
[www.pennstatehershey.org](http://www.pennstatehershey.org)

Currently led by David Gater, MD, PhD, MS, FAAPMR, Penn State Hershey Medical Center's Department of PM&R was established in 2010. The department includes 11 physiatrists, 3 neuropsychologists, and 4 APCs. The department was approved for a 4-year ACGME-accredited PM&R residency and its first full class of 4 residents began in July 2015.

**Penn State Health Rehabilitation Hospital** 804  
[www.psh-rehab.com](http://www.psh-rehab.com)

Penn State Health Rehabilitation Hospital offers individuals a wide range of inpatient and outpatient programs and services. These leading-edge programs provide a continuity of treatment and long-term follow up for individuals with stroke, spinal cord and brain injuries, amputation, neurological disorders, and musculoskeletal and orthopedic conditions.

**Pentec Health** 343  
[www.pentechealth.com](http://www.pentechealth.com)

Pentec Health, Inc. is a Joint Commission-accredited specialty pharmacy and infusion provider that specializes in providing comprehensive care for patients with implanted pumps treating severe pain and/or spasticity. Our proprietary electronic communications platform ensures all disciplines remain informed and focused on improving patient outcomes.

**Pernix Therapeutics** 204  
[www.pernixtx.com](http://www.pernixtx.com)

Pernix Therapeutics is a specialty pharmaceutical business with a focus on acquiring, developing, and commercializing prescription drugs primarily for the U.S. market. Pernix targets under-served therapeutic areas such as CNS, including neurology and pain management, and has an interest in expanding into additional specialty segments.

**Philips** 203  
[www.philips.com](http://www.philips.com)

At Philips, we look beyond technology to the experiences of patients, providers, and caregivers across the health continuum from healthy living to prevention, diagnosis, treatment, and home care. We unlock insights leading to innovative solutions that help deliver better care at lower costs.

**Physician Life Care Planning** 839  
[www.physicianlcp.com](http://www.physicianlcp.com)

We are physician life care planners in a field in which less than 1% of life care planners are qualified physicians. As practicing MDs who specialize in PM&R, we possess the requisite expertise to independently formulate and defend recommendations for ongoing medical care.



**Physicians Practice Enhancement** 233  
[www.ppenet.com](http://www.ppenet.com)

Physicians' Practice Enhancement, LLC (PPE) is a physician management company. With more than 20 years of experience, PPE provides integrated service line contracts with hospitals, health care facilities, and sub-acute facilities to manage programs, and PPE currently has a few exciting opportunities in both inpatient and outpatient settings.



**Piramal Critical Care** 715  
[www.piramal.com](http://www.piramal.com)

Gablofen® is the only FDA-approved Intrathecal Baclofen in prefilled syringes and factory-sealed vials. It offers a customized treatment for severe spasticity in patients 4 years of age and older that do not see relief or have side effects from oral baclofen. Do not suddenly stop using Gablofen®. See full PI.



**Post Acute Medical, LLC** 642  
[www.postacutemedical.com](http://www.postacutemedical.com)

Our focus is on providing high-quality health care through a system of 27 surgical, specialty, and inpatient rehabilitation hospitals in 8 states. Throughout the communities we serve, Post Acute Medical puts the patient first and provides comprehensive, individualized treatment that fosters meaningful improvement and recovery for people with injuries, illnesses, and disabilities.

**ProtoKinetics Gait Analysis Walkways** 638  
[www.protokinetics.com](http://www.protokinetics.com)

The Zeno Electronic Walkway powered by PKMAS software has become the most popular "gait mat" technology in the world. Postural control, dynamic balance, and transitional gait performance are critical components to quantify in clinical practice. The PKMAS Primary Gait Screen addresses these transitional movements in a single test.

**Quinn Medical | Thuasne USA** 206  
[www.thuasneusa.com](http://www.thuasneusa.com)


Quinn Medical offers a full line of spinal compression braces with its innovative SLEEQ Spinal Therapy System. Due to its breakthrough InvisiAdjust™ Technology, SLEEQ fits the vast majority of patients with only a single model. It's elegant, easy-to-use, and patient-friendly design offers best-in-class comfort for improved patient compliance and outcomes.

**Regenexx** 838  
[www.regenexx.com](http://www.regenexx.com)

Regenexx® is the world's most advanced stem cell and blood platelet procedures for treating orthopedic injuries, arthritis, and other degenerative conditions. Our patented procedures use precise injections of your own stem cells or platelets to help your body's ability to heal damaged muscles, tendons, ligaments, cartilage, spinal disc, and bone.

View the list of exhibitors by category on page 73.

# EXHIBITOR PROFILES

- Reha Technology USA** 915  
[www.rehatechnology.com](http://www.rehatechnology.com)  
 Reha Technology is a leader in advanced medical robotic technologies for rehabilitation of upper and lower extremity neurological movement disorders. Reha Technology's robotic-assisted therapy devices maximize functional clinical outcomes for adult and pediatric patients with neurological impairments resulting from stroke, traumatic brain and spinal cord injuries, and more.
- Rehab Without Walls NeuroSolutions** 1025  
[www.rehabwithoutwalls.com](http://www.rehabwithoutwalls.com)  
 For more than 30 years, Rehab Without Walls has blended science and creativity to deliver the most durable outcomes for our patients. From brain and spinal cord injuries to autism therapy, we build a program around the patient rather than putting the patient in a program.
- Restorative Therapies** 927  
[www.restorative-therapies.com](http://www.restorative-therapies.com)  
 Restorative Therapies is the leader in FES-powered systems providing stimulation of upper and lower extremities and trunk muscles. Cycling, stepping, elliptical, and supine FES systems are available.
- ReWalk™ Robotics** 315  
[www.rewalk.com](http://www.rewalk.com)  
 ReWalk is a wearable robotic exoskeleton that provides powered hip and knee motion to enable individuals with SCI to stand upright and walk. It allows independent, controlled walking while mimicking the natural gait patterns of the legs. ReWalk is the only exoskeleton system cleared by the FDA for personal use and use in a U.S. rehabilitation setting.
- RGS Healthcare** 501  
[www.rgshealthcare.com](http://www.rgshealthcare.com)
- Rochester Electro-Medical, Inc.** 814  
[www.rochestermed.com](http://www.rochestermed.com)  
 For more than 50 years, Rochester Electro-Medical has been your best source for affordable, high-quality neurodiagnostic products and personalized customer service. Featured products include new monopolar and concentric needles, nerve block injectable needles, and disposable electrodes that offer unbeatable value and performance. Stop by for more information.
- Rusk Rehabilitation at NYU Langone Medical Center** 503  
[www.nyumc.org](http://www.nyumc.org)  
 Rusk Rehabilitation at NYU Langone Medical Center provides the full spectrum of inpatient and outpatient rehabilitation care for a wide range of conditions in patients of all ages. Rusk is the world's first university-affiliated facility devoted entirely to rehabilitation medicine.
- RxFunction®**  
**RxFunction, Inc.** 202  
[www.rxfuction.com](http://www.rxfuction.com)
- Saebo** 607  
[www.saebo.com](http://www.saebo.com)  
 Saebo, Inc., is a leading global provider of affordable evidenced-based therapy solutions for individuals suffering from impaired mobility and function. Headquartered in Charlotte, NC, the company was founded in 2001 by 2 occupational therapists specializing in upper limb recovery.
- Safersonic, Inc.** 442  
[www.safersonic.com](http://www.safersonic.com)  
 Procedural efficiency is the cornerstone of the Safersonic Product Line. We are the only company that manufactures a 1-foot length that is ideal for ultrasound-guided injections. We eliminate the need for gel under the cover and clinicians experience faster set-up and clean-up. No gel reduces artifacts and better visualization.
- Samsung NeuroLogica** 526  
[www.neurologica.com](http://www.neurologica.com)
- Sanford Health** 1103  
[www.sanfordhealth.org](http://www.sanfordhealth.org)
- Saol Therapeutics** 431  
[www.saolrx.com](http://www.saolrx.com)  
 Saol Therapeutics (pronounced "Sail") is a privately-held specialty pharmaceutical company focused on providing therapies to patients with serious medical conditions. Saol is the new strategic partner with Medtronic in the advancement of ITB Therapy<sup>SM</sup> with Lioresal<sup>®</sup> Intrathecal.
-  **Select Medical** 807  
[www.selectmedical.com](http://www.selectmedical.com)  
 Select Medical, one of the nation's leading providers of post-acute care, features a network of 26 inpatient rehabilitation hospitals. This growing network brings together the highest levels of care to help individuals with brain and spinal cord injuries, stroke, neurological disorders, amputation, cancer, and orthopedic conditions rebuild their lives.
-  **Shepherd Center** 543  
[www.shepherd.org](http://www.shepherd.org)  
 Shepherd Center, located in Atlanta, Georgia, specializes in medical treatment, research, and rehabilitation for people with spinal cord injury, brain injury, multiple sclerosis, spine and chronic pain, and other neuromuscular conditions. Shepherd Center is ranked by *U.S. News & World Report* among the top 10 rehabilitation hospitals in the nation.
- Shirley Ryan AbilityLab** 1029  
[www.sralab.org](http://www.sralab.org)
- SI-BONE, Inc.** 222  
[www.si-bone.com](http://www.si-bone.com)  
 SI-BONE, Inc. is the leading sacroiliac (SI) joint medical device company dedicated to the development of tools for diagnosing and treating patients with low back issues related to certain SI joint disorders. The company has developed, and is manufacturing and marketing minimally-invasive products for patients with these disorders.
- Southcentral Foundation** 1008  
[www.southcentralfoundation.com](http://www.southcentralfoundation.com)  
 Our Nuka Model of Care offers a wide variety of services to our customers, including traditional healing, complementary medicine, as well as a large health education department. We are co-managers of the Alaska Native Medical Center, which is the tertiary care center for the Native population in the state of Alaska.

Exhibiting companies submitted exhibitor profiles; slight modifications may have been made to correct typos and maintain AAPM&R brand standards.



### Spaulding Rehabilitation Network [www.spauldingrehab.org](http://www.spauldingrehab.org)

The Spaulding Rehabilitation Network is anchored by Spaulding Rehabilitation Hospital Boston, which is nationally ranked by *U.S. News & World Report* and is the official teaching hospital of the Harvard Medical School Department of PM&R. The department is dedicated to the advancement of rehabilitation in clinical settings and research laboratories.



### Spine Intervention Society [www.spineintervention.org](http://www.spineintervention.org)

The Spine Intervention Society (SIS) has more than 2,800 members in 42 countries. Today, more than 1,000 PM&R physicians rely on SIS for advocacy, research, and education that helps ensure patient access to quality care. SIS membership is your key to a host of members-only, hands-on courses instructed by the people who helped develop the evidence base.

### SSM Health Rehabilitation Hospital [www.ssm-rehab.com](http://www.ssm-rehab.com)

As the leading provider of comprehensive rehabilitation services in the St. Louis area, SSM Health Rehabilitation Hospital delivers specialized care and treatment that enables individuals with stroke, brain and spinal cord injuries, neurological disorders, amputation, joint replacement and other orthopedic trauma, and general medical rehabilitation needs, to rebuild their lives.

### Tekscan, Inc. [www.tekscan.com](http://www.tekscan.com)

Tekscan manufactures a broad range of pressure assessment and clinical/research evaluation tools. Our unique systems use thin, flexible, high-resolution pressure sensors and provide accurate, reliable data for important biomechanical insights into foot function, gait, balance, pressure offloading, and musculoskeletal injury assessments.

### Terason [www.terason.com](http://www.terason.com)

Terason revolutionizes ultrasound with our high-performance portable systems, now with SuperHarmonic Imaging, and our unique features and functionality, including exclusive open architecture and ENV. These complete ultrasound solutions optimize workflow and increase productivity for everyday clinical needs.



### The Electrode Store [www.electrodestore.com](http://www.electrodestore.com)

The Electrode Store is an ISO13485-certified manufacturer and distributor of a wide variety of needle electrodes, surface electrodes, leads, gels, and accessories for EMG and EEG procedures. Products offered include proprietary Electrode Store designs, third-party products, and custom-designed products. Competitive prices and quick shipping.

### TOTO USA, Inc. [www.totousa.com](http://www.totousa.com)

At TOTO, we believe that great design, like great performance, is for everyone regardless of age or physical ability. Our Technology Assisted Toileting (TAT) called Washlet®, leaves you refreshed with just the touch of a button—making your life cleaner, healthier, and less complicated. Washlet improves toileting care and reduces the burden on nursing staff.

### Treloar & Heisel, Inc. [www.treloaronline.com](http://www.treloaronline.com)

Treloar & Heisel is the premier financial services provider to dental and medical professionals across the country. We assist thousands of clients from residency to practice and through retirement with a comprehensive suite of financial services, custom-tailored advice, and a strong national network focused on delivering the highest level of service.

## tyromotion

### Tyromotion GmbH [www.tyromotion.com](http://www.tyromotion.com)

Tyromotion GmbH is one of the worldwide leading manufacturers and distributors of robot- and computer-assisted therapy units for the rehabilitation sector. The company focuses on developing novel technologies based on the use of powerful mechatronic systems for rehabilitation.

### U.S. Physiatry, LLC [www.usphysiatry.com](http://www.usphysiatry.com)

USP is a growing national network of PM&R physicians using evidence-based medicine, cutting-edge technology, and collaborative management with post-acute and acute care institutions. USP physicians provide better, more cost-effective rehabilitation care for their patients.

### Uniform Data System for Medical Rehabilitation [www.udsmr.org](http://www.udsmr.org)

UDSMR maintains the world's largest database for medical rehabilitation outcomes. Home to the FIM System®, UDSMR is the leader in disability and outcome measurement systems for adults, subacute, pediatric, and outpatient settings. Subscribers and non-subscribers have access to unequalled training, including chart audits, appeals management, educational resources, national workshops, and more.

### University of Kansas Department of Physical Medicine & Rehabilitation [www.kumc.edu](http://www.kumc.edu)

Compassion, function, healing—the department of rehabilitation medicine is a vibrant and energetic academic department at the University of Kansas. Our primary mission is to restore function and decrease pain. Our aim is to integrate our clinical mission with cutting-edge research and educational programs.

### University of Louisville [www.louisville.edu/medicine/departments/neurosurgery/pmr](http://www.louisville.edu/medicine/departments/neurosurgery/pmr)

Frazier Rehab Institute, located in Louisville, Kentucky, provides therapy across a number of specialties for inpatient and outpatient rehab needs. Frazier Rehab works in conjunction with the University of Louisville in the Human Locomotion Research Center and is a member of the NeuroRecovery network.

# {Current Openings}



Penn State Health Milton S. Hershey Medical Center is committed to the provision of comprehensive physical medicine and rehabilitation programs and services to maximize the health, function and quality of life to those we serve, ultimately returning those persons to their communities. Applications are now being accepted for the following positions:

**General Physiatrist** – This position involves primarily inpatient rehabilitation, with additional outpatient musculoskeletal clinics, procedures, EMGs and/or spasticity management depending on your interests. MD/DO required; must be BC/BE in PM&R.

**Outpatient Physiatrist** – Includes musculoskeletal clinics, interventional procedures, industrial medicine, EMGs and/or spasticity management. The successful candidate will be a full-time faculty member of the Penn State Health Department of Physical Medicine and Rehabilitation, with privileges at State College and the Penn State Health Hershey Medical Center. MD/DO required; must be BC/BE in PM&R.

**Pediatric Physiatrist** – Provide inpatient and outpatient pediatric rehabilitation care in our 10-bed specialized pediatric unit. Position includes coverage of our concussion clinic, neuromuscular disease clinic and spina bifida clinics. Candidates should be proficient with EMGs and/or spasticity management. MD/DO required; must be BC/BE in PM&R and Pediatric Medicine.

**Biomechanist** - This research-focused position comes with a substantial start-up package and includes access to our newly built 4500 square foot rehabilitation research laboratories, which include exercise, body composition, locomotor training and gait labs. MD/DO with BC/BE in PM&R or PhD required; proven record of research success.

Successful applicants for these positions will be expected to contribute to the mission areas of patient care, education and research. Penn State Health Rehabilitation Hospital offers flexible schedules, manageable call and a team-oriented approach to patient care. A competitive salary and an excellent benefits package await you!

Located in Hershey, Pennsylvania, we offer a great place to live, work, play and learn. Home of Hershey's chocolate, the Hershey community is rich in history and is a short distance from major cities including Baltimore, New York City, Philadelphia, Pittsburgh and Washington DC. The local neighborhoods boast a reasonable cost of living whether you prefer a more suburban setting or thriving urban setting rich in theater, arts and culture. We are proud of our community involvement and encourage you to learn more about our organization by visiting our website at [PennStateHershey.org](http://PennStateHershey.org).



**For immediate consideration, please send curriculum vitae to:**

**Patty Shipton, FASPR, Physician Recruiter**

**Email: [pshipton@pennstatehealth.psu.edu](mailto:pshipton@pennstatehealth.psu.edu)**

**Tel: 717-531-4703.**



**PennState Health**  
Milton S. Hershey Medical Center

The Penn State Health Milton S. Hershey Medical Center is committed to affirmative action, equal opportunity and the diversity of its workforce. EOE-AA-M/F/D/V. All individuals (including current employees) selected for a position will undergo a background check appropriate for the position's responsibilities.

## University of Utah

[www.healthcare.utah.edu/rehab](http://www.healthcare.utah.edu/rehab)

The University of Utah Rehabilitation Center is a 38-bed inpatient program with CARF specialty accreditation for spinal cord injury, traumatic brain injury, and stroke care. Our spinal cord injury program is the only CARF-accredited program in Utah and provides the most comprehensive rehabilitation program in the region.

## US WorldMeds

[www.usworldmeds.com](http://www.usworldmeds.com)

US WorldMeds holds a fundamental belief that our science has the potential to improve patients' lives. Our portfolio of products and development projects reflects our commitment to bring innovative therapies to patients with unmet medical needs.

## Vanderbilt University Medical Center Department of PM&R

[www.medschool.vanderbilt.edu/pmr](http://www.medschool.vanderbilt.edu/pmr)

Vanderbilt University Medical Center is a national and international leader in medical education of health professionals, research in biomedical science, and patient care. The department of PM&R, headquartered within Vanderbilt Stallworth Rehabilitation Hospital, strengthens Vanderbilt's commitment to advanced education, research, and treatment of patients with rehabilitation needs.

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## Wolters Kluwer

[www.lww.com](http://www.lww.com)

Wolters Kluwer is a leading international publisher of medical books, journals, and electronic media for physicians, nurses, specialized clinicians, health professionals, and students.

## Yale Medicine

### Yale Medicine

[www.yalemedicine.org/CMC](http://www.yalemedicine.org/CMC)

Yale New Haven Health and Yale Medicine formed the Center for Musculoskeletal Care with a focus on transforming the patient experience by improving physical function, reducing pain, and utilizing a comprehensive team who coordinates complex care. This interdisciplinary outpatient service is offered for conditions that impair the muscles, joints, bones, and nervous system.

### Zero Gravity Skin

[www.zerogravityskin.com](http://www.zerogravityskin.com)

Perfectio by Zero Gravity Skin is an FDA-approved medical device based on NASA science used for LED therapy facial treatments at home. A recent independent study by Princeton University concluded that proper use resulted in remarkable skin improvement and a noticeable diminishment of fine lines and wrinkles in more than 90% of patients.

### Zero Pressure Mattress, LLC

[www.zeropressuremattress.com](http://www.zeropressuremattress.com)

217

906

1010

1041

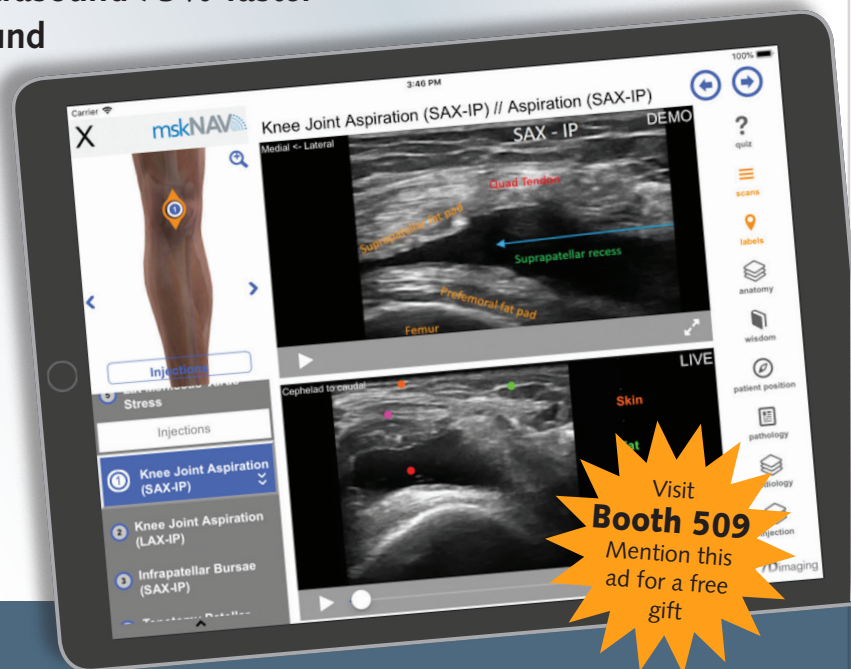
## Ultrasound Unleashed – Grab the NAV!

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[www.BrooksCyberdyne.org](http://www.BrooksCyberdyne.org)

# EXHIBITORS BY CATEGORY

## ASSOCIATIONS, FOUNDATIONS, AND PROFESSIONAL SOCIETIES

AAPM&R Registry  
American Board of Physical Medicine and Rehabilitation  
Amputee Coalition  
Association of Academic Physiatrists  
Foundation for PM&R  
Neofect USA, Inc.  
North American Spine Society  
Physician Life Care Planning  
Spine Intervention Society

## BILLING, DATA, AND SOFTWARE

Ambu, Inc.  
DIERS Medical Systems  
ProtoKinetics Gait Analysis Walkways  
U.S. Physiatry, LLC  
Uniform Data System for Medical Rehabilitation

## ELECTRODIAGNOSTIC DEVICES, AND SOFTWARE

Cadwell Laboratories, Inc.  
Claris Healthcare  
Natus Neuro  
Neofect USA, Inc.  
Nihon Kohden America  
Rochester Electro-Medical, Inc.  
The Electrode Store

## LABORATORY SERVICES

Corinthian Reference Lab  
Logistics Health Incorporated

## LIFESTYLE

Alliance Labs  
Easy Walking, Inc.  
Good Shepherd Rehabilitation Network  
Infinite Therapeutics  
TOTO USA, Inc.  
Zero Gravity Skin

## MOBILITY DEVICES/SYSTEMS

Aretech, LLC  
Bioness, Inc.  
Bryn Mawr Rehab Hospital  
Easy Walking, Inc.  
Ekso Bionics  
Gorbel Medical  
Hanger Clinic  
Hocoma/Motek  
MedStar National Rehabilitation Network  
Mobility Research  
MossRehab  
Motorika USA  
Myomo, Inc.

## MOBILITY DEVICES/SYSTEMS (CONTINUED)

Parker Hannifin  
Reha Technology USA  
Restorative Therapies  
ReWalk<sup>®</sup> Robotics  
Saebo

## ORTHOTIC AND PROSTHETIC DEVICES/SERVICES

Advanced Arm Dynamics  
Allard USA, Inc.  
Amputee Coalition  
Aspen Medical Products  
Bauerfeind USA, Inc.  
Bryn Mawr Rehab Hospital  
Good Shepherd Rehabilitation Network  
Hanger Clinic  
Joint Active Systems, Inc.  
Kennedy Krieger Institute  
Mary Free Bed Rehabilitation Hospital  
MIH International, LLC/M-Brace  
Mitek Sports Medicine  
MossRehab  
Movendo Technology SRL  
Myomo, Inc.  
Neofect USA, Inc.  
Ossur Americas  
Post Acute Medical, LLC  
Quinn Medical | Thuasne USA  
Saebo  
Tekscan, Inc.

## PAIN MANAGEMENT

Basic Home Infusion  
Bauerfeind USA, Inc.  
Bioness, Inc.  
Boiron  
Bryn Mawr Rehab Hospital  
Cardinal Health  
Celling Biosciences  
Cutting Edge Laser Technologies  
Daiichi Sankyo, Inc.  
Epimed International, Inc.  
Good Shepherd Rehabilitation Network  
Halyard Health  
Infinite Therapeutics  
Jazz Pharmaceuticals, Inc.  
JFK – Johnson Rehabilitation Institute  
Kennedy Krieger Institute  
Mary Free Bed Rehabilitation Hospital  
Medtronic, Inc.  
MIH International, LLC/M-Brace

## PAIN MANAGEMENT (CONTINUED)

MossRehab  
Multi Radiance Medical  
Ossur Americas  
Pentec Health  
Pernix Therapeutics  
Physicians Practice Enhancement  
Post Acute Medical, LLC  
Quinn Medical | Thuasne USA  
Regenexx  
Safersonic, Inc.  
Shepherd Center  
University of Kansas Department of Physical Medicine & Rehabilitation

## PHARMACEUTICAL MANUFACTURERS

Allergan Medical Affairs  
Allergan, Inc.  
Calmoseptine, Inc.  
Daiichi Sankyo, Inc.  
Fidia Pharma USA  
Gensco Pharma  
Ipsen Biopharmaceuticals, Inc.  
Jazz Pharmaceuticals, Inc.  
Merz Pharmaceuticals, LLC  
Piramal Critical Care  
Saol Therapeutics  
US WorldMeds

## PHYSICAL THERAPY PRODUCTS & TESTING

Ambu, Inc.  
Aretech, LLC  
Bauerfeind USA, Inc.  
Bioness, Inc.  
Brooks Rehabilitation  
Bryn Mawr Rehab Hospital  
Cardinal Health  
Carolinas Rehabilitation  
Celling Biosciences  
Claris Healthcare  
Cutting Edge Laser Technologies  
D-Gate  
DIERS Medical Systems  
Easy Walking, Inc.  
Ekso Bionics  
Good Shepherd Rehabilitation Network  
Gorbel Medical  
Hocoma/Motek  
Joint Active Systems, Inc.  
MedStar National Rehabilitation Network

# TRAINING & TREATING CHAMPIONS

## UNIVERSITY OF LOUISVILLE PHYSICAL MEDICINE & REHABILITATION AT FRAZIER REHAB INSTITUTE

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- World-class research and residency training
- State-of-the-art facility



Frazier Rehab Institute, the teaching hospital for the UofL School of Medicine Division of PM&R, is nationally recognized for its specialty rehab programs, highly skilled therapists, state-of-the-art facilities and innovative therapeutic techniques.

### SUBSPECIALTY PROGRAMS IN:

- Brain Injury
- Spinal Cord Injury
- Stroke
- Pain Management
- Cancer Rehabilitation
- Musculoskeletal care
- Pediatric Rehab
- Ultrasound

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THE JOB AND FELLOWSHIP FAIR.**

Congratulations to Darryl Kaelin, M.D., Chief of the Division of Physical Medicine and Rehab, and president of AAPM&R



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MEDICINE

[uofl.edu/physiatry](http://uofl.edu/physiatry)

# EXHIBITORS BY CATEGORY

## PHYSICAL THERAPY PRODUCTS & TESTING (CONTINUED)

Medtronic, Inc.  
 MIH International, LLC/M-Brace  
 Mitek Sports Medicine  
 Mobility Research  
 MossRehab  
 Motorika USA  
 Movendo Technology SRL  
 Multi Radiance Medical  
 Natus Neuro  
 Neofect USA, Inc.  
 Parker Hannifin  
 ProtoKinetics Gait Analysis Walkways  
 Reha Technology USA  
 Restorative Therapies  
 ReWalk™ Robotics  
 Saebo  
 Safersonic, Inc.  
 SI-BONE, Inc.  
 Spaulding Rehabilitation Network  
 Tekscan, Inc.  
 Tyromotion GmbH  
 Uniform Data System for Medical Rehabilitation

## PHYSICIAN EMPLOYMENT

Brooks Rehabilitation  
 Farr Healthcare  
 Good Shepherd Rehabilitation Network  
 Integrated Rehab Consultants  
 Legacy Physiatry Group  
 LocumTenens.com  
 Logistics Health Incorporated  
 Miner/Mason & Associates  
 National Health Rehabilitation  
 NEXTLucums  
 Physicians Practice Enhancement  
 Post Acute Medical, LLC  
 Southcentral Foundation  
 U.S. Physiatry, LLC  
 Yale Medicine

## PHYSICIAN PROFESSIONAL SERVICES

Catalyst  
 Integrated Rehab Consultants  
 Logistics Health Incorporated  
 Miner/Mason & Associates  
 National Health Rehabilitation  
 NEXTLucums  
 Physician Life Care Planning

## PHYSICIAN PROFESSIONAL SERVICES (CONTINUED)

Physicians Practice Enhancement  
 Post Acute Medical, LLC  
 Treloar & Heisel, Inc.  
 U.S. Physiatry, LLC  
 University of Louisville

## PUBLISHERS

Amputee Coalition  
 Demos Medical Publishing  
 Elsevier, Inc.  
 Pain Medicine News  
 Wolters Kluwer

## REGENERATIVE MEDICINE

AcCELLerated Biologics, LLC  
 Catalyst  
 Celling Biosciences  
 Lipogems  
 Mayo Clinic  
 Organogenesis Surgical & Sports Medicine  
 Regenexx

## REHABILITATION PROGRAMS

Brooks Rehabilitation  
 Bryn Mawr Rehab Hospital  
 Carolinas Rehabilitation  
 Claris Healthcare  
 Cleveland Clinic  
 D-Gate  
 DIERS Medical Systems  
 Encompass Health  
 Gaylord Specialty Healthcare  
 Good Shepherd Rehabilitation Network  
 Gorbelt Medical  
 Hanger Clinic  
 JFK – Johnson Rehabilitation Institute  
 Kennedy Krieger Institute  
 Kessler Institute for Rehabilitation  
 Mary Free Bed Rehabilitation Hospital  
 Mayo Clinic  
 MedStar National Rehabilitation Network  
 MossRehab  
 Movendo Technology SRL  
 National Health Rehabilitation  
 Neofect USA, Inc.  
 Ochsner Health System  
 Penn State Health Milton S. Hershey Medical Center  
 Physicians Practice Enhancement

## REHABILITATION PROGRAMS (CONTINUED)

Post Acute Medical, LLC  
 ProtoKinetics Gait Analysis Walkways  
 Reha Technology USA  
 Rehab Without Walls NeuroSolutions  
 Restorative Therapies  
 Rusk Rehabilitation at NYU Langone Medical Center  
 Saebo  
 Saol Therapeutics  
 Shepherd Center  
 Spaulding Rehabilitation Network  
 Tyromotion GmbH  
 Uniform Data System for Medical Rehabilitation  
 University of Kansas Department of Physical Medicine & Rehabilitation  
 University of Louisville  
 University of Utah  
 Vanderbilt University Medical Center Department of PM&R

## SPASTICITY MANAGEMENT

Allard USA, Inc.  
 Basic Home Infusion  
 Bryn Mawr Rehab Hospital  
 Carolinas Rehabilitation  
 Ipsen Biopharmaceuticals, Inc.  
 JFK – Johnson Rehabilitation Institute  
 Medtronic, Inc.  
 MossRehab  
 Neofect USA, Inc.  
 Pentec Health  
 Saebo  
 Saol Therapeutics  
 Shepherd Center  
 University of Louisville

## ULTRASOUND DEVICES, AND SUPPLIES

7D Imaging  
 APCA  
 Cadwell Laboratories, Inc.  
 Cardinal Health  
 Fujifilm Sonosite  
 Konica Minolta Medical Imaging  
 Natus Neuro  
 Philips  
 Safersonic, Inc.  
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**PLEASE JOIN US FOR AN INTERACTIVE PRESENTATION**

Sponsored by Daiichi Sankyo, Inc. & Inspirion Delivery Sciences

# Advancement in Abuse-Deterrent Formulations and IR Opioids

Thursday, October 25, 2018 • 12:45 PM – 1:45 PM

## LOCATION

Lunch & Learn B, PM&R Pavilion  
Orange County Convention Center  
Orlando, Florida

## FACULTY



### **Joseph P. Valenza, MD**

Director of Pain Management  
Kessler Institute for Rehabilitation  
West Orange, New Jersey

## PROGRAM DESCRIPTION

In this interactive, industry-sponsored presentation, we will discuss the issue of abuse and diversion of prescription opioids, with a spotlight on immediate-release (IR) opioids.

This program is being sponsored by Daiichi Sankyo, Inc. The speaker is being compensated for the presentation. The program is not CME accredited and may not be used for CME accreditation. In adherence with PhRMA guidelines, spouses or other guests are not permitted to attend company-sponsored programs. Please be advised that information such as your name and the value and purpose of any educational item, meal or other items of value you may receive may be publicly disclosed. If you are licensed in any state or other jurisdiction, or are an employee or contractor of any organization or governmental entity that limits or prohibits meals from pharmaceutical companies, please identify yourself so that compliance with such requirements can be ensured.

# CORPORATE SUPPORT...THANK YOU!

## Thank You to Our Annual Academy Corporate Supporters!

AAPM&R gratefully acknowledges the companies listed below for their support in 2018 (As of August 16, 2018). This support allows AAPM&R to carry out its mission.

### PLATINUM LEVEL



### SILVER LEVEL



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2018 INDUSTRY RELATIONS COUNCIL (IRC) PARTICIPANTS

### TIER 1



### TIER 2



### TIER 3



### TIER 4



Join these organizations in 2019! Learn more at [www.aapmr.org/irc](http://www.aapmr.org/irc).

## INDUSTRY'S PARTICIPATION AT THE ANNUAL ASSEMBLY IS IMPORTANT AND VALUABLE FOR MANY REASONS

### Physicians use industry's products and services to care for our patients

Nearly every tool, service, intervention or medication we use to care for our patients and run our practices was developed and provided to us by industry, often with our physician involvement. As the developers of new medical products and services, industry is in the unique position to provide us with cutting-edge information regarding new innovations in medicine.

### Industry participation provides significant financial support

Not only does industry serve as a valuable educational resource to attendees, they also provide important financial support to AAPM&R, enabling our organization to achieve its established mission and vision while limiting the financial burden on its members.

### Look at industry's presence at our meeting through a refreshed lens

Since many physicians have limited interactions with industry outside of the Annual Assembly, attendees can learn about advances in medicine by engaging with our industry partners in the PM&R Pavilion and at Lunch and Learn Presentations. Think of it as an additional educational resource that extends your learning "beyond the classroom" as ways to learn about new or expanded ways of improving the care you provide patients or your practice.

### AAPM&R takes compliance seriously

AAPM&R's Board of Governors (BOG) and AAPM&R's Corporate Relations Committee (CRC) are committed to maintaining valued industry relationships without compromising the independence and credibility of AAPM&R activities and programs. As such, the Academy, officers, faculty, and staff follow guidelines, policies, and processes that are based on, and usually surpass recommendations from the following organizations:

- The Accreditation Council for Continuing Medical Education (ACCME)
- American Medical Association (AMA)
- The Council of Medical Specialty Societies (CMSS)
- Companies are also required to follow local, state, and federal laws as well as policies set forth by other applicable governing bodies.

#### Additionally:

- AAPM&R, its officers, and staff do not endorse or promote any company or product involved in this year's Annual Assembly.
- AAPM&R publicly discloses corporate support received on [www.aapmr.org](http://www.aapmr.org) on a quarterly basis to foster transparency.
- AAPM&R develops all educational content without the influence of industry.



For more information about AAPM&R policies, which focus on relationships with industry, CME, disclosure, transparency, and compliance, please email [corporatesupport@aapmr.org](mailto:corporatesupport@aapmr.org).

# INDUSTRY AT THE AAPM&R ANNUAL ASSEMBLY

The BOG and CRC would like to take a moment to inform you of various ways industry involvement is included in this year's Annual Assembly.

## AAPM&R CME Programming

AAPM&R is an accredited provider (with commendation) of certified medical education (CME) by the ACCME. As such, AAPM&R develops and provides CME activities that are free from the influence, bias, and input of industry. AAPM&R has the sole responsibility of selecting program topics, faculty, and planning program content and has established policies and guidelines for disclosing and resolving relevant financial relationships and conflicts.

## Educational Grants and In-Kind Support

AAPM&R obtains financial support from industry for CME activities through educational grants. AAPM&R also obtains in-kind support from industry through educational grants. In these cases, AAPM&R secures equipment or products from industry for use during hands-on CME activities.

For all educational grants, companies sign letters of agreement (LOA) documenting strict compliance with all established guidelines and policies, including the fact that they are not involved in content development. AAPM&R will acknowledge and disclose all corporate supporters, sponsorships, and relationships, but does not endorse any companies or their products or services.

## Lunch and Learn Presentations

AAPM&R allows (for a fee) industry to host Lunch and Learn Presentations, which are independent, non-CME sessions offered at the Annual Assembly.

## Satellite Symposia

AAPM&R allows third-party sponsored CME activities called Satellite Symposia. The third-party often garners support for their activity from industry. This third-party CME provider is required to follow all guidelines outlined by ACCME. AAPM&R does not control or endorse the content of these activities.

## PM&R Pavilion

Exhibiting companies pay a fee to exhibit their products and services.

## Advertising

Companies that advertise pay a fee to include an advertisement in AAPM&R's publications.

## Sponsorships

Companies sometimes provide monetary support for AAPM&R in the form of a product, service or event (i.e., banners, lanyards, receptions, etc.).

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# ABOUT AAPM&R

AAPM&R is the national medical specialty society representing physical medicine and rehabilitation physicians. To learn more about AAPM&R or to join, visit [www.aapmr.org](http://www.aapmr.org).

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Interested in what the Academy is working on for you and the PM&R specialty in 2019 and beyond? Stop by the Member Solution Center to speak with an AAPM&R staff member. We'd love to hear your thoughts and answer any questions you may have!

**Already a member?**

Learn more about how you can get involved in our efforts.

**Not a member?**

We invite you to join our PM&R community and help us move physiatry forward!

## OFFICE LOCATIONS

**AAPM&R National Office**

9700 W. Bryn Mawr Ave., Suite 200  
Rosemont, IL 60018

Phone number: (847) 737-6000

Email: [info@aapmr.org](mailto:info@aapmr.org)

Website: [www.aapmr.org](http://www.aapmr.org)

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and rehabilitation

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Medicine and Rehabilitation**

9700 W. Bryn Mawr Ave., Suite 200  
Rosemont, IL 60018

Website: [www.foundationforpmr.org](http://www.foundationforpmr.org)

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# Play a role in advancing the specialty's future.

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and get involved.**

Learn more at **[www.aapmr.org/renew](http://www.aapmr.org/renew)**.

The renewal deadline is December 31, 2018.

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