TH R I V I N G  T H R O U G H  T R A N S F O R M A T I O N

aapM&R
ANNUAL ASSEMBLY 2017
OCTOBER 12-15, 2017 • DENVER, CO

OFFICIAL PROGRAM

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Welcome to Denver, the “Mile High City,” for the 2017 AAPM&R Annual Assembly. I’m so happy you’re here, and I invite you to experience all that’s new for 2017. We’ve transformed the Assembly and are taking some BOLD steps toward a new vision. From the innovative Learning Center and re-imagined PM&R Pavilion to hands-on Skills Labs and expanded preconference courses—there’s something for everyone this year!

Thriving Through Transformation—our theme for 2017—will be “front and center” throughout the Assembly. During this information-packed event, we’ll give you MORE education than ever before as well as real-time resources and valuable knowledge to transform your practice in 4 key areas: community, leadership, patient care, and technology. This is your time to engage with peers and learn about PM&R education, research, products, and services. Discover the latest state-of-the-art products in the PM&R Pavilion, celebrate your colleagues during Physiatry Day and at the annual awards presentation. And, of course, have some fun along the way with some great networking opportunities and social events planned just for you. Be sure to stop by the Member Solution Center to learn more about our BOLD new vision for physiatry—defined by you!

Please take a few minutes to page through this program to learn more about the must-attend sessions (organized by clinical and practice areas for specialized learning) and exciting events. While you’re in Denver, don’t forget to take in the breath-taking sights and sounds of this vibrant city.

I wish you an outstanding Annual Assembly experience. Enjoy the meeting!

Steve R. Geiringer, MD, FAAPMR
2017 AAPM&R President
General Information

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 20–21.

Children and Infant Policy for the Meeting
All children, ages 4–20 years, who wish to attend select Academy functions must be registered for the Annual Assembly. Children 3 and under are free and registration is not required. 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. For the safety of all attendees, infants and children are prohibited from attending any educational session.

Children and Baby Policy in the PM&R Pavilion
Children ages 12–20 years who are registered for the Annual Assembly are invited into the PM&R Pavilion during show hours on Thursday, Friday, and Saturday. Children must be accompanied by a registered adult attendee and wear their badge for admittance.

Cell Phones, Cameras, Recorders
AAPM&R requests that all cell phones, beepers, and pagers be turned off during sessions and events as a courtesy to other attendees. Personal tape recorders are not permitted during any sessions or events. AAPM&R prohibits the use of all cameras, including digital and video, as well as recording devices in the meeting rooms. No recording or photography is allowed of any kind. Additionally, distribution of AAPM&R meeting content is prohibited.

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 of them in connection with the 2017 AAPM&R Annual Assembly. It is agreed that AAPM&R may use such photographs of registrants with or without the registrant’s name and for any lawful purpose, including (for example) publicity, illustration, advertising, and web content.

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 for details regarding the Academy policy and how to follow them.

Non-Attendee Guest Registration
The Non-Attendee Guest Registration fee (age 21+) is $75 per person and allows admittance to the Job and Fellowship Fair, Welcome Reception, and PM&R Pavilion. Co-workers, or those associated within the physiatry industry, do not qualify for a Non-Attendee Guest Registration. These individuals must register in the appropriate professional or exhibitor category. Guest badges do not allow for admittance into educational sessions, Lunch and Learns, Satellite Symposia or ticketed events. Guest tickets for the President’s Reception may be purchased at an additional cost. Badges must be worn at all events for admittance.

Internet Access
AAPM&R will offer complimentary wireless Internet access at the 2017 Annual Assembly in the Colorado Convention Center. For more information, visit Digital Assistance in the Member Solution Center.

Medical Equipment Requests
Attendees and guests who require special medical equipment during the course of the Annual Assembly are encouraged to order such equipment in advance. Scootaround is the preferred vendor of AAPM&R for Academic Events, but cannot guarantee requests for equipment made onsite. Scooter and wheelchair rentals are available by contacting Scootaround Inc. at their toll-free hotline at (888) 441-7575.

No-Smoking Policy
For the comfort and health of all attendees, smoking is not permitted at any Annual Assembly function. This includes all educational sessions, special events (e.g., President’s Reception), and inside the PM&R Pavilion.

Important Schedules

Registration, AAPM&R Member Solution Center, and Digital Assistance
Colorado Convention Center, D Lobby, Meeting Room Level
Wednesday, October 11 1 pm–8 pm
Thursday, October 12 7 am–7 pm
Friday, October 13 7 am–5:30 pm
Saturday, October 14 7 am–5:30 pm
Sunday, October 15 7 am–11 am

CME claim stations will open at Digital Assistance on Thursday, October 12 at 10 am for preconference courses. You may begin claiming CME for the Annual Assembly at noon on Friday, October 13. CME claim stations will close Sunday, October 15 at 11 am.

PM&R Pavilion
Colorado Convention Center, Exhibit Hall D, Exhibit Hall Level
See page 44 for a full list of exhibitors and activities in the PM&R Pavilion

Thursday, October 12 12:30 pm–7 pm
Welcome Reception in the PM&R Pavilion 5:15 pm–7 pm
Friday, October 13 9 am–5:30 pm
Saturday, October 14 9 am–2 pm
Coffee service, Learning Center, Lunch and Learn Sessions, Career and Fellowship Corner, and lunch available for purchase in the PM&R Pavilion

Meet Your Continuing Medical Education (CME) 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 for physicians.

CME Credit Designation
AAPM&R designates Annual Assembly live educational sessions for a maximum of 27.25 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 each preconference course held prior to the Annual Assembly. Physicians may claim up to 6.5 to 17.75 AMA PRA Category 1 Credits™ for participation in one of the preconference courses.

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 learner prior to the activity. Speaker disclosures are available in the speaker profiles section within the mobile app. Planner disclosures are available in the Addendum.

General Poster Viewing
Convention Center, Hall D, Exhibit Level
Thursday, October 12 5:15 pm–7 pm
Friday, October 13 9 am–5:30 pm
Saturday, October 14 9 am–2 pm
See page 27 for details about this year’s poster presentations.

Speaker Ready Room
Convention Center, Rooms 610–612, Meeting Room Level
AAPM&R provides a speaker ready room for all faculty to check in prior to your sessions, make minor adjustments to your presentations, and check your slides. Please be sure to check into the speaker ready room at least 3 hours prior to your session.

Wednesday, October 11 1 pm–8 pm
Thursday, October 12 7 am–5 pm
Friday, October 13 7 am–5 pm
Saturday, October 14 7 am–5 pm
Sunday, October 15 7:30 am–9 am

Where to Find Your Session Handouts
All handouts will be available via the AAPM&R mobile app and in your Assembly e-newsletters. Printed handouts are not available onsite.
Dear fellow participants of the AAPM&R 2017 Annual Assembly,

Over the past several years, the thoughtful suggestions from our members have helped the Annual Assembly be the model of accessibility for national and international medical meetings. Our Academy would like to thank all of the members who have made this possible.

The Colorado Convention Center will house this year’s Assembly events in an ADA-accessible indoor area that is located in the heart of Denver, with the Ellie Caulkins Opera House, the Temple Hoyne Buell Theatre, and the Boettcher Concert Hall, all only 1 city block away. The sidewalks around the convention center are accessible with curb cuts and good width to allow those using mobility devices to travel comfortably with their able-bodied colleagues. There are also numerous ADA-accessible restaurants and shops nearby, including a national chain pharmacy located 3 city blocks from the convention center.

The President’s Reception is taking place at the Wynkoop Brewing Company, which is also ADA-accessible. There is an elevator to the wheelchair-accessible second floor where there will be live music. Although there is an accessible bathroom on the first floor, the second floor accessible bathroom is easier to get to. The Wynkoop Brewing Company is about 1 mile from the convention center. Complimentary, accessible city buses are available to travel across the city to this venue.

In preparation for the AAPM&R 2017 Annual Assembly, the Academy worked with Tactile Maps and Illustrations to tour and assess the Wynkoop Brewing Company and the Colorado Convention Center 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 am confident that the site evaluation and remediation process has been given the necessary attention. We understand that despite all of the preparations, there may still be unanticipated issues pertaining to accessibility. We ask for your continued support and feedback to help us ensure our future Assemblies remain a model for accessibility.

Enjoy, experience, and discover the culture, cuisine, and nature that encompass the Mile High City!

Kind regards,

Sam S. H. Wu, MD, MA, MPH, MBA, FAAPMR
Past AAPM&R Board of Governors Member
PLEASE JOIN US FOR A PRESENTATION
Sponsored by Daiichi Sankyo, Inc. & Inspirion Delivery Sciences

THREE CATEGORIES OF EVIDENCE:
Introducing a Single-Agent, Abuse-Deterrent, Extended-Release Morphine

Thursday, October 12, 2017 • 1:00 PM – 2:00 PM

LOCATION
Lunch & Learn A – Exhibit Hall
Colorado Convention Center
Denver, Colorado

FACULTY
Sri Nalamachu, MD
Founder and Medical Director
Mid America PolyClinic
Overland Park, Kansas

LEARNING OBJECTIVES
• Understand the unmet need for an abuse-deterrent, extended-release morphine in the fight against the prescription opioid abuse epidemic
• Become familiar with the standard instruments and scales used in abuse potential trials
• Understand the various categories of evidence recommended to support an abuse-deterrent formulation of opioid per FDA industry guidance
• Learn about a single-agent, extended-release morphine expected to reduce abuse via multiple routes; however, abuse by intranasal, intravenous, and oral routes is still possible
• Gain deep understanding of the categories of evidence supporting the abuse-deterrent properties of the product

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.

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Three Categories of Evidence:
Introducing a Single-Agent, Abuse-Deterrent, Extended-Release Morphine

Thursday, October 12, 2017 • 1:00 PM – 2:00 PM

Learning Objectives
• Understand the unmet need for an abuse-deterrent, extended-release morphine in the fight against the prescription opioid abuse epidemic
• Become familiar with the standard instruments and scales used in abuse potential trials
• Understand the various categories of evidence recommended to support an abuse-deterrent formulation of opioid per FDA industry guidance
• Learn about a single-agent, extended-release morphine expected to reduce abuse via multiple routes; however, abuse by intranasal, intravenous, and oral routes is still possible
• Gain deep understanding of the categories of evidence supporting the abuse-deterrent properties of the product

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SCHEDULE-AT-A-GLANCE
The #AAPMR2017 schedule is different from previous years. Here is a quick overview:

WEDNESDAY, OCTOBER 11
8 am-10:30 am Concurrent Sessions
10:30 am-12:30 pm Concurrent Sessions
12:30 pm-2 pm Concurrent Sessions
2 pm-3:30 pm Concurrent Sessions
3:30 pm-5:15 pm Concurrent Sessions
5 pm-8 pm Concurrent Sessions
6:30 pm-9 pm Concurrent Sessions

THURSDAY, OCTOBER 12
8 am-9:15 am Concurrent Sessions
9:15 am-9:30 am Concurrent Sessions
9:30 am-11 am Concurrent Sessions
11:15 am-12:30 pm Concurrent Sessions
1 pm-2 pm Concurrent Sessions
2 pm-3:30 pm Concurrent Sessions
3:30 pm-4:15 pm Concurrent Sessions
3:45 pm-5:15 pm Concurrent Sessions
5:15 pm-7 pm Concurrent Sessions
5:30 pm-9 pm Concurrent Sessions

FRIDAY, OCTOBER 13
6:45 am-8 am Breakfast Satellite Symposia*
8 am-9:15 am Concurrent Sessions
9:15 am-10 am Concurrent Sessions
10 am-11:15 am Concurrent Sessions
11:30 am-12:30 pm Concurrent Sessions
12:45 pm-1:45 pm Concurrent Sessions
1:15 pm-3:30 pm Concurrent Sessions
1:30 pm-3:00 pm Concurrent Sessions
1:45 pm-3:30 pm Concurrent Sessions
2 pm-3:15 pm Concurrent Sessions
3:15 pm-4 pm Concurrent Sessions
3:30 pm-4:30 pm Concurrent Sessions
4 pm-5:30 pm Concurrent Sessions
5:30 pm-9 pm Concurrent Sessions

SATURDAY, OCTOBER 14
8 am-9:15 am Concurrent Sessions
9:15 am-10 am Concurrent Sessions
10 am-11:15 am Concurrent Sessions
11:30 am-12:30 pm Concurrent Sessions
12:45 pm-1:45 pm Concurrent Sessions
1:15 pm-3:30 pm Concurrent Sessions
1:30 pm-3:00 pm Concurrent Sessions
1:45 pm-3:30 pm Concurrent Sessions
2 pm-3:15 pm Concurrent Sessions
3:15 pm-4 pm Concurrent Sessions
3:30 pm-4:30 pm Concurrent Sessions
4 pm-5:30 pm Concurrent Sessions
Evening

SUNDAY, OCTOBER 15
8 am-9:30 am Concurrent Sessions
9:30 am-10 am Concurrent Sessions
10 am-11:30 am Concurrent Sessions

*Subject to change
Various topics covered, including but not limited to:

- Improving navigation in brain injury patients
- Integrative medicine approach in pediatric care
- Intersection of cardiac rehabilitation, mHealth, and telemedicine

Search “Rusk” on the Podcast app (Apple devices) or Stitcher (Android devices) to find the podcast and subscribe.

Rusk Rehabilitation at NYU Langone Health is the world’s first university-affiliated facility devoted entirely to rehabilitation medicine, and has been voted the best rehabilitation hospital in New York and among the top ten in the country by U.S. News & World Report since it began its rankings.

855.NYU.RUSK
nyulangone.org/rusk
@RuskInsights

New for 2017, we are moving away from the traditional “track” system toward a more flexible “tagging/theming” system. All sessions are “tagged” by clinical and practice topics, embracing the diversity of the specialty while making the experience easier to navigate for you. Sessions are organized by the following 12 clinical and practice themes. Look for these themes in **bold** as you flip through the agenda.

- **CANCER REHAB**
- **LEADERSHIP**
- **PEDIATRICS**
- **IN TRAINING/EARLY-CAREER**
- **CNS**
- **MSK**
- **PRACTICE**
- **SPASTICITY**
- **EMG/NEUROMUSCULAR**
- **NEW TECHNOLOGIES**
- **RESEARCH**
- **SPINE AND PAIN**

Keep track of your busy onsite schedule using our mobile app! Download it at www.aapmr.org/app to build your personal agenda and have instant access to what’s next on your session list.
THE #AAPMR2017 AGENDA

THURSDAY, OCTOBER 12

7 am-7 pm
REGISTRATION, MEMBER SOLUTION CENTER OPEN

8 am-9:15 am
102. Practice Strength Training: How to Throw Your Weight Around Correctly [MSK] ROOM 607, MEETING ROOM LEVEL
201. Agitation After TBI: Current Concepts of Pathophysiology, Assessment, and Treatment [CNS] MILE HIGH BALLROOM 1AB, BALLROOM LEVEL
202. The Challenge of Dysostia in the Motion Analysis Laboratory [CNS/SPASTICITY] MILE HIGH BALLROOM 2B, BALLROOM LEVEL

9:15 am-9:30 am
REFRESHMENT BREAK

9:30 am-11 am
104. Advances in the Management of Musculoskeletal Health in Athletes [MSK] MILE HIGH BALLROOM 1D, BALLROOM LEVEL
204. Subspecialty-Based Spasticity Pearls [CNS/SPASTICITY] MILE HIGH BALLROOM 2B, BALLROOM LEVEL

11 am-11:15 am
REFRESHMENT BREAK

11:15 am-12:30 pm
PRESIDENTIAL ADDRESS—RADICAL COLLABORATION
Steve R. Geiringer, MD, FAAPMR; Mick Ebeling FOUR SEASONS 2–4, BALLROOM LEVEL

12:30 pm-7 pm
LUNCH AND LEARNS IN THE PM&R PAVILION
SEE PAGE 48 FOR TITLES AND SPEAKERS.

2 pm-3:30 pm
105. Dance Medicine: Keeping You on Your Toes [MSK] ROOM 607, MEETING ROOM LEVEL
205. Assessment and Rehabilitation Treatment of Post Stroke Gait Dysfunction [CNS/SPASTICITY] MILE HIGH BALLROOM 2B, BALLROOM LEVEL
206. Why Was That ITB Trial Negative and Why Didn’t That Toxin Work? [CNS] MILE HIGH BALLROOM 1AC, BALLROOM LEVEL
401. Past, Present, and Future of Pediatric Rehabilitation Medicine: Research Updates and State of the Field [PRACTICE/LEADERSHIP] ROOM 705, MEETING ROOM LEVEL
504. Identification, Evaluation, and Rehabilitation of Neuromuscular, Musculoskeletal, Pain, and Functional Disorders in Head and Neck Cancer [SPINE AND PAIN] MILE HIGH BALLROOM 1D, BALLROOM LEVEL

3:30 pm-3:45 pm
REFRESHMENT BREAK IN THE PM&R PAVILION

3:45 pm-5:15 pm
207. Improving Clinical Outcomes in the Dual Diagnosis TBI/SCI Patients: Strategies for Success [CNS] ROOM 607, MEETING ROOM LEVEL
208. Expanding Access and Improving Outcomes for Spasticity Management Based on New Published Data [CNS/SPASTICITY] ROOMS 601-603, MEETING ROOM LEVEL
403. Top Papers in Pediatric Rehabilitation—Implications for Clinical Practice [PEDIATRICAS] ROOM 705, MEETING ROOM LEVEL
505. Don’t Get Fooled: How to Identify Statistical Weakness in Clinical Pain Studies Part 2; A Lecture Session In Collaboration with the Spine Intervention Society (SIS) [SPINE AND PAIN] MILE HIGH BALLROOM 1D, BALLROOM LEVEL

5:15 pm-7 pm
WELCOME RECEPTION IN THE PM&R PAVILION/POSTER HALL OPEN
STATE SOCIETY MEETING
SEE PAGE 47 FOR DETAILS.

7 pm
LEARNING CENTER

209. Subspecialty-Based Spasticity Pearls [CNS/SPASTICITY] MILE HIGH BALLROOM 2B, BALLROOM LEVEL

PRACTICE, TECHNOLOGY, AND RESEARCH SYMPOSIA

301. White Coat Nation: Employing Modern Technology in Medicine [PRACTICE] ROOMS 702-704, MEETING ROOM LEVEL
901. Leading in Research: General Rehabilitation Podium Session [RESEARCH] ROOM 705, MEETING ROOM LEVEL
902. Leading in Research: Neurological Rehabilitation Podium Session [RESEARCH] ROOM 705, MEETING ROOM LEVEL

401. 3D Printing: A Revolution in the Production of Prosthetics and Orthotics [NEW TECHNOLOGIES] ROOM 607, MEETING ROOM LEVEL
901. Leading in Research: Neurological Rehabilitation Podium Session [RESEARCH] ROOM 705, MEETING ROOM LEVEL
902. Leading in Research: Neurological Rehabilitation Podium Session [RESEARCH] ROOM 705, MEETING ROOM LEVEL

REFRESHMENT BREAK

506. Positioning in the Care Continuum, Part 1 [PRACTICE/LEADERSHIP] ROOMS 702-704, MEETING ROOM LEVEL

805. Ultrasoundography for the Evaluation and Treatment of Ankle Disorders [SPINE AND PAIN] MILE HIGH BALLROOM 4CD, BALLROOM LEVEL
806. Ultrasound Guidance for Lower Limb Chemodenervation Procedures [SPINE AND PAIN] MILE HIGH BALLROOM 4EF, BALLROOM LEVEL

809. Ultrasound-Guided Lower Limb Injection [SPINE AND PAIN] MILE HIGH BALLROOM 4EF, BALLROOM LEVEL
808. Ultrasound-Guided Lower Limb Injection [SPINE AND PAIN] MILE HIGH BALLROOM 4EF, BALLROOM LEVEL

902. Leading in Research: Neurological Rehabilitation Podium Session [RESEARCH] ROOM 705, MEETING ROOM LEVEL
906. Ultrasound Guidance for Lower Limb Chemodenervation Procedures [SPINE AND PAIN] MILE HIGH BALLROOM 4EF, BALLROOM LEVEL

506. Positioning in the Care Continuum, Part 1 [PRACTICE/LEADERSHIP] ROOMS 702-704, MEETING ROOM LEVEL

LEARNING CENTER


306. Positioning in the Care Continuum, Part 2 [PRACTICE/LEADERSHIP] ROOMS 702-704, MEETING ROOM LEVEL
504. Identification, Evaluation, and Rehabilitation of Neuromuscular, Musculoskeletal, Pain, and Functional Disorders in Head and Neck Cancer [SPINE AND PAIN] MILE HIGH BALLROOM 1D, BALLROOM LEVEL

906. Ultrasound Guidance for Lower Limb Chemodenervation Procedures [SPINE AND PAIN] MILE HIGH BALLROOM 4EF, BALLROOM LEVEL

1110 11
Friday, October 13 is Physiatry Day!

We’re celebrating the many aspects of physiatry that make it unique and impactful. What better way to celebrate the specialty than with 2,000+ of your fellow physiatrists? This celebration is about YOU and the work you do each and every day—so be sure to participate!

Physiatry is more than...
FRIDAY, OCTOBER 13

**CLINICAL SYMPOSIA**

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<tr>
<th>TIME</th>
<th>EVENT</th>
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<tr>
<td>2 pm–3:15 pm</td>
<td>112. Advanced Musculoskeletal Ultrasoundography: Emerging Technologies Beyond Grayscale Ultrasound [MSK]</td>
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<td>ROOMS 601–603, MEETING ROOM LEVEL</td>
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<td>211. Getting Ahead of TBI Pain Syndromes [CN]</td>
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<td>ROOMS 705–710, MEETING ROOM LEVEL</td>
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<td>212. Dosing Management: Salivary Gland Injections for Physiatrists [CMS/SPASTICITY] Room 703, Meeting Room Level</td>
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<td>408. The Value of Cancer Rehabilitation: From Bench to bedside [CANCER REHAB]</td>
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<td>MILE HIGH BALLROOM 1abc, BALLOON LEVEL</td>
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<td>459. Transitioning Adolescents and Young Adults With Childhood Onset Conditions Into the Adult Milieu of Health Care and the World Beyond [PEDIATRICS] Room 602, Meeting Room Level</td>
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<td>509. Update on the Advances in Spinal Cord Simulation in the Treatment of Pain [SPINE AND PAIN]</td>
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<td>MILE HIGH BALLROOM 1abc, MEETING ROOM LEVEL</td>
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<td></td>
<td>516. Neuropathic and Pain: Emerging Applications [SPINE AND PAIN] MILE HIGH BALLROOM 1AB, MEETING ROOM LEVEL</td>
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<td>3:15 pm–4 pm</td>
<td>REFRESHMENT BREAK IN THE PM&amp;R PAVILION</td>
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<td>4 pm–5:30 pm</td>
<td>113. Overcoming Challenges in the Management of Musculoskeletal Problems in Patients With Neurological Disorders [MSK]</td>
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<td>ROOM 605, MEETING ROOM LEVEL</td>
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<td>213. Case-Based Discussion: Assessment and Treatment of Agitation After Traumatic Brain Injury [CMS]</td>
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<td>ROOMS 702–706, MEETING ROOM LEVEL</td>
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<td>214. The Horses and Zebra of Intrathecal Baclofen Therapy [CMS/SPASTICITY] ROOM 703–705, MEETING ROOM LEVEL</td>
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<td>510. The Cellular and Systemic Effects of Exercise on the Aging Spine and Musculoskeletal System [SPINE AND PAIN] ROOM 602, MEETING ROOM LEVEL</td>
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<td>5:30 pm–6:30 pm</td>
<td>RESIDENTS’ RECEPTION EXHIBIT HALL FOYER, EXHIBIT HALL LEVEL</td>
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<td>6:30 pm–9 pm</td>
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Faculty and content subject to change. Unless specified, all sessions are held at the Colorado Convention Center.

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**PM&R BOLD**

**Are you ready to commit to being BOLD?**

Help us take the first steps toward the BOLD new vision for the specialty. Visit the Path to the Vision wall in the Member Solution Center or [www.aapmr.org/pmrbold](http://www.aapmr.org/pmrbold) to:

- Learn about the Path to the BOLD NEW Vision and how your input led to it.
- Confirm your commitment to Advancing PM&R BOLD.
- Sign up to receive notifications about BOLD next steps and ways to stay involved.
- Participate in a BOLD focus group or an in-depth interview while in Denver.

Questions about the new vision?

Plan to attend the AAPM&R Business Meeting and AAPM&R Town Hall to learn more from Academy leaders or stop by the Member Solution Center.

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**THE #AAPMR2017 AGENDA**

**TIME**

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<th>10:30 am–12 pm</th>
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<td>5 pm–6:30 pm</td>
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Download the #AAPMR2017 Mobile App and:
• Play the Assembly 360° Challenge game—win prizes! (see page 47 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 to find instructions on downloading the app.

You can completely access the #AAPMR2017 Agenda on your phone. Simply download the #AAPMR2017 Mobile App and:
• Access mobile CME activities, tools to meet your ABPM&R Maintenance of Certification®, and more!
• Receive up to 60% off me® content. Plus, certain resources are completely free, including 1 complimentary SAE-P with AAPM&R membership renewal and all PIPS!
• Visit me.aapmr.org for the full online catalog of Academy resources.
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(As of August 22, 2017)
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2017’s themes are highlighted below:

**MUSCULOSKELETAL/SPORTS MEDICINE**

**Thursday, October 12**

8 am–9:15 am

101. **Bench to Bedside: Athletes and Active Individuals with Early Knee Osteoarthritis**
ROOM 601–603, MEETING ROOM LEVEL
Prakash Jayabal, MD, PhD, FAAPMR (Session Director);
Joseph Ihm, MD, FAAPMR; David Morgenroth, MD, FAAPMR

102. **Practical Strength Training: How to Throw Your Weight Around Correctly**
ROOM 607, MEETING ROOM LEVEL
Edward R. Laskowski, MD, FAAPMR (Session Director);
Karl Erickson, CSCS, NASM, USAW, FMS-2

9:30 am–11 am

103. **The Great Debate: What the Evidence Shows in Musculoskeletal and Sports Medicine**
ROOM 601–603, MEETING ROOM LEVEL
Jason L. Zaremski, MD, CAQSM, FAAPMR (Session Director);
Jonathan Fineroff, DO, FAAPMR; Michael Frederickson, MD, FAAPMR; David C. Herman, MD, PhD, FACSM, CAQSM, FAAPMR; Prakash Jayabal, MD, PhD, FAAPMR; William Micheo, MD, FAAPMR; Kentaro Onishi, DO, FAAPMR; Adam Seidl, MD; Armando Vitali, MD; Kevin R. Vincent, MD, PhD, FAAPMR

104. **Advances in the Management of Musculoskeletal Health in Athletes**
MILE HIGH BALLROOM 1DEF, BALLROOM LEVEL
Adam Tenforde, MD, FAAPMR (Session Director);
Kathryn E. Ackerman, MD, MPH; Kate Temme, MD, FAAPMR

2 pm–3:30 pm

105. **Dance Medicine: Keeping You on Your Toes**
ROOM 607, MEETING ROOM LEVEL
Davide M. Popoli, MD, FAAPMR (Session Director);
Kathryn E. Ackerman, MD, MPH; Collins Crosby, PT, DPT, SCS, CMPT; Stephanie W. Mayer, MD; Andrea Stracciolini, MD; David Wilkenfeld, MS, LAT, ATC

3:45 pm–5:15 pm

107. **Triathletes Have a Trilogy of Troubles: Evaluation and Treatment of Triathletes**
ROOM 607, MEETING ROOM LEVEL
James D. Sigler, MD, FAAPMR (Session Director); Irene S. Davis, PhD, PT, FACSM, FAAFA, FAESP; Michael J. Khadavi, MD, FAAPMR; Dana Kuhler, MD; Adam S. Tenforde, MD, FAAPMR

**Friday, October 13**

8 am–9:15 am

108. **Understanding Chronic Traumatic Encephalopathy (CTE): Pathology, Clinical Controversy, and Future Directions**
MILE HIGH BALLROOM 2A–3A, BALLROOM LEVEL
Mary A. Jaccarino, MD, FAAPMR (Session Director); Steven T. Dziewoki, MD; Ross D. Zafonte, DO, FAAPMR

109. **Update on Tendinopathy Management**
MILE HIGH BALLROOM 1ABC, BALLROOM LEVEL
Evan R. Peck, MD, FAAPMR (Session Director); Irene S. Davis, PhD, PT, FACSM, FAAFA, FAESP; Daniel C. Herman, MD, PhD, FACSM, CAQSM, FAAPMR

9:30 am–11:15 am

110. **Direct Skeletal Attachment of Prosthetic Limbs with Oss integration: Past, Present, and Future Considerations**
ROOMS 601–603, MEETING ROOM LEVEL
Joseph B. Webster, MD, FAAPMR (Session Director)

111. **“So My Docs Say I Have a Concussion”: Challenges of Evaluating and Treating Concussion/Mild Traumatic Brain Injury in the Adult Working Population**
ROOMS 601–603, MEETING ROOM LEVEL
Lori M. Grafton, MD, FAAPMR; Justin S. Hong, MD, FAAPMR (Session Directors); Eilen Dinant, DPT, NCS;
Lisa A. Eaton, PsyD; John Speed, MD, FAAPMR

2 pm–3:15 pm

112. **Advanced Musculoskeletal Ultrasoundography: Emerging Technologies Beyond Grayscale Ultrasound**
ROOMS 601–603, MEETING ROOM LEVEL
Kentaro Onishi, DO, FAAPMR (Session Director); Michael Frederickson, MD, FAAPMR; Cindy Y. Lin, MD, FAAPMR

4 pm–5:30 pm

113. **Overcoming Challenges in the Management of Musculoskeletal Problems in Patients with Neurological Disorders**
ROOM 607, MEETING ROOM LEVEL
Juan Carlos Galicia-Olmos, MD, FAAPMR (Session Director); Gerardo E. Miranda-Comas, MD, FAAPMR; Prakash Jayabal, MD, PhD, FAAPMR; Gerardo E. Miranda-Comas, MD, FAAPMR

Interested in a particular speaker?
Find what sessions they’re presenting by using our mobile app!
Download it at www.aapmr.org/app.
Thursday, October 12
3:45 pm–5:15 pm
207. Improving Clinical Outcomes in the Dual Diagnosis TBI/SCI Patient: Strategies for Success ROOM 601–603, MEETING ROOM LEVEL
Lori M. Grafton, MD, FAAPMR; LaTanya Lofton, MD, FAAPMR (Session Directors); Lisa A. Payd, PsyD; Justin S. Hong, MD, FAAPMR; Mary Merli, MS, CCC-SLP, CBS
Friday, October 13
8 am–9:15 am
209. Using New Technology and Instruments to Assess the Level of Care in Patients Preparing to Enter the Post-Acute Care Setting ROOM 601–603, MEETING ROOM LEVEL
Matthew N. Bartels, MD, MPH, FAAPMR (Session Director); Matthew Palomba, BHA
Thursday, October 12
2 pm–3:15 pm
210. Comprehensive Outpatient Stroke Recovery Program Utilizing Intermittent Cardiovascular Training MILE HIGH BALLROOM 1ABC, BALLROOM LEVEL
Sara J. Curcicululis, MD, FAAPMR
Friday, October 13
8 am–9:15 am
211. Getting Ahead of TBI Pain Syndromes ROOM 702–702, MEETING ROOM LEVEL
Jaimie M. Levine, MD, FAAPMR (Session Director); Heidi N. Fusco, MD, FAAPMR; Kimberly A. Sackheim, DO, FAAPMR
Thursday, October 12
4 pm–5:30 pm
212. Case-Based Discussion: Assessment and Treatment of Agitation After Traumatic Brain Injury ROOM 601–603, MEETING ROOM LEVEL
Cheryl J. Dunn, MD, FAAPMR (Session Director); Jeffrey J. Sherman, PhD; Cherry C. Junn, MD, FAAPMR; Matthew J. Williams, MD; Jennifer M. Zunke, MD, FAAPMR
Central Nervous System System
Saturday, October 14
2 pm–3:15 pm
218. Where O’Where is the Inpatient TBI Care? A Presentation of TBI Subacute Facilities in the Spectrum of TBI Care
ROOM 607, MEETING ROOM LEVEL
Steven M. Flegner, MD, FAAPMR (Session Director); Heidi N. Fusco, MD, FAAPMR; Elina Kugel, PsyD; Jamie M. Levine, DO, FAAPMR
4 pm–6:30 pm
220. Advancing Concussion Management Through Innovative Technology
ROOM 601–603, MEETING ROOM LEVEL
David M. Popolus, MD, FAAPMR (Session Director); Thomas B. Gurney, PsyD; Sung Lee, MD; Kim Speake, BSN, RN, CPN; Jillian E. Urban, PhD
Sunday, October 15
8 am–9:30 am
221. Too Sexy! Sexual Intimacy and Fertility After SCI
ROOM 601–603, MEETING ROOM LEVEL
David R. Guter, Jr., MD, PhD, MS, FAAPMR (Session Director); Lance L. Govitz, MD, FAAPMR; Kalu M. Serope, MD, GTS/4
Skeletomal/Musculoskeletal Medicine
Saturday, October 14
3:45 pm–5:15 pm
202. The Challenge of Dysphonia in the Motion Analysis Lab MILE HIGH BALLROOM 2B, BALLROOM LEVEL
Donna J. Levine, MD, FAAPMR (Session Director); Deborah Guerber-Opila, MD, FAAPMR; Dennis J. Matthews, MD, FAAPMR; Jessica R. Pfeffer, MD, FAAPMR; Aiyoshi A. Schwaibl, MD, FAAPMR
3:45 pm–5:15 pm
203. Exercise vs. Rest After Traumatic Brain Injury: Evidence and Application ROOM 702–702, MEETING ROOM LEVEL
Shirley S. Chai, MD, FAAPMR (Session Directors); Mary A. Iaccarino, MD, FAAPMR; Grant L. Iverson, PhD; Ross D. Zafonte, DO, FAAPMR
9:30 am–11:15 am
208. Expanding Access and Improving Outcomes for Spasticity Management Based on New Published Data ROOM 601–603, MEETING ROOM LEVEL
Gerald S. Bisley, MD, FAAPMR (Session Director); Indira S. Langhorne, MD, FAAPMR; Robert M. Saunders, MD, PhD, FAAPMR; Andrea P. Toomer, MD, FAAPMR; Joe Quinones, MD, FAAPMR; Michael R. Tocher, MD, FAAPMR
Friday, October 13
2 pm–3:15 pm
212. Dropping Management: Salivary Gland Injections for Physiologists ROOM 702–702, MEETING ROOM LEVEL
Heakyung Kim, MD, FAAPMR (Session Director); Yue Chen, MD, FAAPMR
Sunday, October 15
8 am–9:30 am
222. Arriving at the Optimal Orthotic Prescription ROOM 702–702, MEETING ROOM LEVEL
Alberto Esquenazi, MD, FAAPMR (Session Director)
EMG/Neuromuscular Medicine
Friday, October 13
8 am–9:15 am
404. Innovate for Access: An Interactive Tutorial on New Technologies That Can Improve Community Integration and Quality of Life for Your Patients ROOM 607, MEETING ROOM LEVEL
Lindsay N. Ramey, MD, FAAPMR (Session Director); David S. Binder, MD, MHA, FAAPMR; Jason A. DaSilva
10 am–11:15 am
405. US as an Extension of EMG/NCV ROOM 702–702, MEETING ROOM LEVEL
Shawn F. Jorgensen, MD, FAAPMR (Session Director); Andrea J. Boon, MD, FAAPMR; Michael C. Mutin, MD, FAAPMR; Abil T. Patel, MD, MHS, FAAPMR
Saturday, October 14
8 am–9:15 am
411. Normal and Abnormal Gait Analysis: What Do We Need to Know as Physiatrists? Specific Clinical Applications for Runners and Patients with Lower Extremity Amputation ROOM 607, MEETING ROOM LEVEL
Gary M. Berke, CP; Rebecca Dutton, MD, FAAPMR
continued on page 26 »
The AAPM&R Poster Hall includes more than 450 posters, which feature original research submitted by your peers. This year, the Poster Hall, organized by research abstracts and case studies, is more interactive than ever before. 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

#### Convention Center, Hall D, Exhibit Level

- **Thursday, October 12**
  - **8 am–9:15 am**
    - 901. Leading in Research: General Rehabilitation
      - Podium Session
      - Room 705, Meeting Room Level
      - Kevin P. Murphy, MD, FAAPMR (Session Director);
        R. Samuel Mayer, MD, FAAPMR; Joseph Hornyak, IV, MD, PhD, FAAPMR (Session Directors);
        Terza Esarian, MD, PhD (Poster #2);
        Aramis S. Micaliz, MD, FAAPMR (Poster #7);
        Olivier Rulin, MD, PhD (Poster #13);
        Heather K. Vincent, MD (Poster #55)
  - **9:30 am–11 am**
    - 902. Leading in Research: Neurological Rehabilitation
      - Podium Session
      - Room 705, Meeting Room Level
      - Marco Gonzalez-Fernandez, MD, PhD, FAAPMR (Session Director);
        Jan E. Level, MD, PhD (Poster #56);
        Vincent Y. Ma, MD (Poster #88);
        Yu Fan (Poster #88); Chai-Hye Park, MD (Poster #88);
        Lisa M. Williams (Poster #72)
  - **2 pm–3 pm**
    - 401. Past, Present, and Future of Pediatric Rehabilitation Medicine: Research Updates and State of the Field
      - Room 705, Meeting Room Level
      - Matthew J. McGough, MD, FAAPMR; Oren Kupfer, MD, FAAPMR (Session Director);
        Melissa K. Trovato, MD, FAAPMR; Andrew L. Sherman, MD, FAAPMR; LeAnn Snow, MD, PhD;
        Michael W. Molter, DO, FAAPMR; Sunil Sabharwal, MD, FAAPMR;
        R. Samuel Mayer, MD, FAAPMR (Session Director);
        LEARNING CENTER, EXHIBIT HALL D, EXHIBIT HALL LEVEL
  - **3 pm–4 pm**
    - 903. Live Theater Session: Research Spotlight: MSK and Sports ePoster Session
      - LEARNING CENTER, EXHIBIT HALL D, EXHIBIT HALL LEVEL
      - Thru Armanawamy, MD, FAAPMR (Session Director);
        Se Won Lee, MD, FAAPMR (Poster #46);
        Eizumaki C. Obunadike, MD (Poster #47);
        Yose Walyou (Poster #48)
  - **5 pm–6 pm**
    - 403. Top Papers in Pediatric Rehabilitation—Implications for Clinical Practice
      - Room 705, Meeting Room Level
      - Matthew J. McGough, MD, FAAPMR (Session Director);
        Justin M. Burton, MD, FAAPMR; Stacy M. Stibb, DO, FAAPMR;
        LeAnn Snow, MD, PhD, FAAPMR; Andrew L. Sherman, MD, FAAPMR; LeAnn Snow, MD, PhD;
        Michael W. Molter, DO, FAAPMR; Sunil Sabharwal, MD, FAAPMR; Andrew L. Sherman, MD, FAAPMR; LeAnn Snow, MD, PhD;
        Melissa K. Trovato, MD, FAAPMR

### NEW: Late-Breaking Abstracts

Late-breaking abstracts can be viewed in the designated section of the Poster Hall during all viewing hours.

### Leading in Research Sessions

At these sessions, the top PM&R posters from their respective categories are put on display. Sessions are led by an expert discussant who will facilitate a constructive, critically-challenging evaluation of the research, as well as lead a question-and-answer session for each poster. Attendees have the unique opportunity to hear from the lead authors themselves and inquire about recent research relevant to physiatrists. View all of these sessions on the previous pages.

The AAPM&R Program Planning Committee thanks the AAPM&R Evidence and Abstracts Committee and Academy member volunteers who reviewed the abstracts and case studies submitted for this year’s Annual Assembly.

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**Scientific Poster Topics and Abstracts**

- **Research Abstract Poster Topics**
  - **POSTER NUMBER**
  - General Rehabilitation: 1-35
  - Musculoskeletal and Sports Medicine: 36-55
  - Neurological Rehabilitation: 56-98
  - Pain and Spine Medicine: 99-127
  - Pediatrics: 128-141
  - Practice Management, Leadership, and Quality Improvement: 142-167
  - Late-Breaking Abstracts: 460-489
  - Case Study Poster Topics: 480-459

**Scientific Poster Topics and Abstracts**

- **POSTER NUMBER**
  - General Rehabilitation: 168-231
  - Musculoskeletal and Sports Medicine: 232-290
  - Neurological Rehabilitation: 291-407
  - Pain and Spine Medicine: 408-450
  - Pediatrics: 451-459
Friday, October 13
8 am–9:15 am
905. Leading in Research: Pain and Spine Medicine Podium Session
ROOM 705, MEETING ROOM LEVEL
Mark E. Eisen, MD, FAAPMR (Session Director); Mark H. Mina, MD, FAAPMR (Session Director); Charles A. Dobrow, MD, FAAPMR (Session Director); Mary K. Pfaff, MD, FAAPMR (Session Director); Byron J. Schneider, MD, FAAPMR (Session Director)

10 am–11:15 am
910. Leading in Research: Musculoskeletal and Sports Medicine Podium Session
ROOM 705, MEETING ROOM LEVEL
Mark E. Eisen, MD, FAAPMR (Session Director); Mark H. Mina, MD, FAAPMR (Session Director); Charles A. Dobrow, MD, FAAPMR (Session Director); Mary K. Pfaff, MD, FAAPMR (Session Director); Byron J. Schneider, MD, FAAPMR (Session Director)

July 30–August 1
2 pm–3:30 pm
510. Identification, Evaluation, and Rehabilitation of Musculoskeletal, Spinal, and Functional Disorders in Head and Neck Cancer
MILE HIGH BALLROOM 1DE, BALLROOM LEVEL
Michael D. Stubblefield, MD, FAAPMR (Session Director); Barbara Murphy, MD, Kenneth J. Haarnuin, MD

Thursday, October 12
3:45 pm–5:15 pm
505. Don't Get Fooled: How to Identify Statistical Weakness in Clinical Pain Studies Part II: A Small Group Skills Lab in Collaboration with the Spine Intervention Society (SIS)
MILE HIGH BALLROOM 1DE, BALLROOM LEVEL
Amir S. Nagval, MD, MS, Med, FAAPMR (Session Director); Brian T. Boes, MD, O.J. Kennedy, MD, FAAPMR; Byron J. Schneider, MD, FAAPMR

Friday, October 13
8 am–9:15 am
906. Live Theater Session: Submitting Your Paper to PM&R?
10 am–11:15 am
907. A Pain in the Butt: Diagnosing and Treating Posterior Pelvic and Sacroiliac Joint Pain
ROOM 603, MEETING ROOM LEVEL
Brian J. Schneider, MD, FAAPMR (Session Director); D.J. Kennedy, MD, FAAPMR; Haid Prather, DO, FAAPMR; Cheri C. Smith, MD, FAAPMR

4:30 pm–5:30 pm
508. Virtual Reality Analgesia: A Novel Pain Management Technique
ROOM 601, MEETING ROOM LEVEL
Matthew N. Bartels, MD, MHF, FAAPMR (Session Director); Yu Chen, MD, FAAPMR; Olivia Davis, Stephen A. Erossa, DO, Jessica S. Snyder, PhD

2 pm–3:15 pm
509. Update on the Advances in Spinal Cord Simulation
ROOM 605, MEETING ROOM LEVEL
D.J. Kennedy, MD, FAAPMR; Byron J. Schneider, MD, FAAPMR; Robert Levy, MD, FAAPMR

Saturday, October 14
10 am–11:15 am
912. The Cellular and Systemic Effects of Exercise on the Aging Spine and Musculoskeletal System
ROOM 603, MEETING ROOM LEVEL
D.J. Kennedy, MD, FAAPMR; Byron J. Schneider, MD, FAAPMR (Session Directors); Barbara Murphy, MD, Kenneth J. Haarnuin, MD; Michael D. Stubblefield, MD, FAAPMR (Session Director)

5:10 pm–6:10 pm
511. Neuroplasticity and Pain: Emerging Applications
MILE HIGH BALLROOM 2B, BALLROOM LEVEL
Sanjog S. Pangarkar, MD, PhD, FAAPMR; Janna L. Friedly, MD, FAAPMR; Jessica E. Snyder, PhD

3:45 pm–5:15 pm
509. DOI: From Bench to Bedside
ROOM 705, MEETING ROOM LEVEL
Sanjog S. Pangarkar, MD, PhD, FAAPMR (Session Director); Andrea L. Cheville, MD, MSCE, FAAPMR; Richard P. Moser, PhD; Samman Shahpar, MD, FAAPMR (Session Directors); Andrea L. Cheville, MD, MSCE, FAAPMR; Richard P. Moser, PhD; Samman Shahpar, MD, FAAPMR (Session Directors)

4:30 pm–5:30 pm
510. From Exercise to Outcome: Core Clinical Pain Studies Part II: A Small Group Skills Lab in Collaboration With the Spine Intervention Society (SIS)
ROOM 603, MEETING ROOM LEVEL
DF. Kennedy, MD, FAAPMR; D.J. Kennedy, MD, FAAPMR; William A. Pakmy, MD, FAAPMR (Session Director); William N. Neihaus, MD, FAAPMR; Mike Pascoe, PhD

Tuesday, October 10
10 am–11:15 am
911. The Cellular and Systemic Effects of Exercise on the Aging Spine and Musculoskeletal System
ROOM 603, MEETING ROOM LEVEL
D.J. Kennedy, MD, FAAPMR; Byron J. Schneider, MD, FAAPMR (Session Directors); Barbara Murphy, MD, Kenneth J. Haarnuin, MD; Michael D. Stubblefield, MD, FAAPMR (Session Director)

9:30 am–11:15 am
ROOM 601–603, MEETING ROOM LEVEL
D.J. Kennedy, MD, FAAPMR; Jennifer F. Pakmy, MD, FAAPMR (Session Director); Janna L. Friedly, MD, FAAPMR; Jessica E. Snyder, PhD

2:55 pm–4:15 pm
515. Comprehensive Management of Brachial Plexopathy
ROOMS 709–712, MEETING ROOM LEVEL
Anthony E. Chiodo, MD, FAAPMR (Session Director); Sandra I. Now, MD, FAAPMR; Troy Heredia, MD, DO, FAAPMR; Shawn F. Jorgensen, MD, FAAPMR

2 pm–3:15 pm
514. Interventional Spine Techniques: Procedural Pearls and Parleys
MILE HIGH BALLROOM 2A–2B, BALLROOM LEVEL
Michael B. Fuman, MD, FAAPMR; Jonathan S. Kirschner, MD, FAAPMR (Session Directors)

4:50 pm–5:50 pm
409. The Value of Cancer Rehabilitation: From Bench to Bedside
MILE HIGH BALLROOM 1ABC, BALLROOM LEVEL
A. Tony Ngo-Huang, DO, FAAPMR (Session Director); Jennifer A. Bauma, MD, FAAPMR; Julie K. Silver, MD, FAAPMR

4:50 pm–5:50 pm
410. Innovations to Improve the Cancer Rehabilitation Outcome Assessment, Promote Referrals, and Build an Evidence Base: A Guide to Pragmatic Implementation
ROOMS 708–712, MEETING ROOM LEVEL
Jack B. Fu, MD, FAAPMR; David S. Zucker, MD, FAAPMR (Session Directors); Andra L. Cheville, MD, MSCE, FAAPMR; Richard F. Moser, PhD; Samman Shahpar, MD, FAAPMR

Saturday, October 14
8 am–9:15 am
917. Leading in Research: Pediatric Rehabilitation ePoster Session
ROOM 601, MEETING ROOM LEVEL
LEARNING CENTER, EXHIBIT HALL D, EXHIBIT HALL LEVEL
Joseph Horpany, IV, MD, PhD, FAAPMR (Session Director); Alan M. Batterson, DO, MD (Poster #150); Katherine Bentley, MD, FAAPMR (Poster #133); Colly R. Hansen, MD, FAAPMR (Poster #140); Brittney J. Moore, MD (Poster #209)

2 p.m.–3:15 p.m.
920. Leading in Research: Late Breaking Podium Session
ROOM 705, MEETING ROOM LEVEL
Gregory B. Park, MD, FAAPMR (Session Director); Volha Chandle, MD (Poster #461); Sana Elsholm, MD, FAAPMR (Poster #460); William C. Walker, MD, FAAPMR (Poster #465)

4 p.m.–5:30 p.m.
921. Spine Papers 2017
ROOM 705, MEETING ROOM LEVEL
David S. Cheng, MD, FAAPMR (Session Director)

2–3 p.m.
906. Live Theater Session: Submitting Your Paper to PM&R?
10 a.m.–11:15 a.m.
907. A Pain in the Butt: Diagnosing and Treating Posterior Pelvic and Sacroiliac Joint Pain
ROOM 603, MEETING ROOM LEVEL
D.J. Kennedy, MD, FAAPMR; Byron J. Schneider, MD, FAAPMR; Robert Levy, MD, FAAPMR

5:10 p.m.–6:10 p.m.
511. Neuroplasticity and Pain: Emerging Applications
MILE HIGH BALLROOM 2B, BALLROOM LEVEL
Sanjog S. Pangarkar, MD, PhD, FAAPMR; Janna L. Friedly, MD, FAAPMR; Jessica E. Snyder, PhD

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Sanjog S. Pangarkar, MD, PhD, FAAPMR; Janna L. Friedly, MD, FAAPMR; Jessica E. Snyder, PhD
Thursday, October 12
8 am–9:15 am
301. White Coat Nation: Employing Modern Technology in Medicine
ROOMS 702–706, MEETING ROOM LEVEL
Monica Verdugo-Gutierrez, MD, FAAPMR (Session Director); Monique Diaz, MD, ROM, Mani J. Heston, DO, Lydia L. McHenry, MD, FAAPMR, Lauren T. Shapiro, MD, MPH, FAAPMR.

302. Tools for Process and Quality Improvement: Filling Your Toolbox for Success
ROOM 605, MEETING ROOM LEVEL
Jefrey E. Jahn, MD, FAAPMR; Arielle F. Valent, M.D., MBA, FAAPMR (Session Directors); Christopher J. Garrison, MD, MBA, FAAPMR.

9:30 am–11 am
203. Why Education Doesn’t Stop With Residency: Implications of New Finances, Program Building, and Physician Burnout for the Younger Physiatrist
ROOMS 702–706, MEETING ROOM LEVEL
Matthew J. MacHugh, MD, MS, FAAPMR (Session Director); Sarah K. Hearn, MD, FAAPMR; Stacey M. Sibbi, DO, FAAPMR.

304. TeleRehab: Regulations, Applications, Research in the Virtual World
MILE HIGH BALLROOM 2A–2B, BALLROOM LEVEL
Robert J. Rinaldi, MD, FAAPMR (Session Director); Julie Hall-Burris, EdD; Tammy Perry, BA, SL-P.

2 pm–3:30 pm
305. Billing and Coding Update: How to Avoid Audits and Denials
MILE HIGH BALLROOM 2C, BALLROOM LEVEL
Annies D. Purvill, DO, FAAPMR (Session Director); Deborah Grider, CPC, CCO, CPC-I, CPC-P, CMCA, CEMC, CCS-I, CSD.

3:45 pm–5:15 pm
306. Evaluation and Management Coding, Modifier-25, and Billing with Advanced Practice Providers—A Crash Course
MILE HIGH BALLROOM 2C, BALLROOM LEVEL
Annies D. Purvill, DO, FAAPMR; Barry Smith, MD, FAAPMR (Session Director); Deborah Grider, CPC, CCO, CPC-I, CPC-P, CMCA, CEMC, CCS-I, CSD.

Friday, October 13
2 pm–3:15 pm
312. Spine Quality Outcomes Database: Pilot Site Learnings from the AAPMR/AANs Joint Spine Patient Registry Initiative
ROOMS 702–706, MEETING ROOM LEVEL
D.J. Kennedy, MD, FAAPMR (Session Director); Andrew S. Friedman, MD, FAAPMR; Katrina Neunokaka, JD, MHA.

4 pm–5:30 pm
313. MIPS: Preparing Your Practice for Reporting and Strategies to Improve Performance
MILE HIGH BALLROOM 2A–2A, BALLROOM LEVEL
Mark E. Huang, MD, FAAPMR (Session Director); Robert Jasak, JD; Scott R. Laker, MD, FAAPMR.

Saturday, October 14
8 am–9:15 am
319. The Turbulent Health Policy Environment: Its Impact on Post-Acute Care (PAC), Physician Payment, and Disability Services
ROOMS 702–706, MEETING ROOM LEVEL
Jennifer Zumleg, MD, FAAPMR (Session Director); William A. Ader, III, MD, FAAPMR; Scott R. Laker, MD, FAAPMR.

2 pm–3:15 pm
320. Medicare Audits: Use of the EHR to Appeal Denials and How to Prepare for Future Audits
ROOM 705, MEETING ROOM LEVEL
Brendan E. Conrey, MD, FAAPMR (Session Director); Robert Jasak, JD; Scott R. Laker, MD, FAAPMR.

Sunday, October 15
8 am–9:30 am
321. Personalized Medicine in Cognitive Rehabilitation: How to Approach Challenging Cases of Delirium, Dementia, and Agitation
MILE HIGH BALLROOM 2B, BALLROOM LEVEL
Natalia Miklojic, MD, PhD, FAAPMR (Session Director); Cara E. Camarillo Reedy, MD.
EDUCATION

2017 AAPM&R AWARDS PRESENTATION
Saturday, October 14
11:30 am-12:30 pm
Four Seasons 2–4, Ballroom Level
AAPM&R is proud to announce our 2017 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 Forty-Ninth Walter J. Zeiter Lecture and Awards Video Presentation. To learn more about this year’s recipients, look for the detailed awards handout as you enter the room.

Frank H. Krusen, MD, Lifetime Achievement Award
Kathleen R. Bell, MD, FAAPMR
Distinguished Member Award
Flora M. Hammond, MD, FAAPMR
Distinguished Clinician Award
Katharine E. Alter, MD, FAAPMR
John R. Parziale, MD, FAAPMR
Joel Stein, MD, FAAPMR
Distinguished Public Service Award
Cheri A. Blauwet, MD, FAAPMR
PASSOR Legacy Award and Lectureship
Heidi Prather, DO, FAAPMR

AAPM&R Outstanding Council Service Awards
Central Nervous System Rehabilitation Council
Cindy B. Ivankovic, MD, FAAPMR
General and Medical Rehabilitation Council
David S. Zucker, MD, PhD, FAAPMR
Musculoskeletal Medicine Council
Kenneth R. Mautner, MD, FAAPMR
Pain Medicine/Neuromuscular Medicine Council
G. J. Hershon, MD, FAAPMR
Pediatric Rehabilitation/Developmental Disabilities Council
Susan D. Aplon, MD, FAAPMR

P L E N A R Y S P E A K E R S

Join your fellow Annual Assembly attendees as we come together to focus on common threads that connect all physiatrists. Our expert speakers will help us Thrive Through Transformation as they share new technology capabilities for rehabilitation, strategies for enhancing your leadership skills, and how to transform unique rehabilitation challenges to improve patient care.

Presidential Address—Radical Collaboration

Steve R. Geiringer, MD, FAAPMR
Mick Ebeling
Thursday, October 12
11:15 am-12:30 pm
AAPM&R President Steve R. Geiringer, MD, FAAPMR, will officially launch #AAPMR2017 and address attendees. Then Mick Ebeling, founder and CEO of Not Impossible Labs—the world’s first 3D-printing prosthetic lab and training facility—and author of Not Impossible: The Art and Joy of Doing What Couldn’t Be Done, will provide an inspiring talk focused on this year’s major themes of Technology and Radical Collaboration.

Becoming a Leader of Character

Dave Anderson, MBA
Friday, October 13
11:30 am-12:30 pm
It doesn’t matter if you are leading in battle, in business or in health care. A leader’s courage will be tested. Does the leader step up and challenge the status quo even if there is risk involved? Does the leader speak up when others are silent? A leader’s choices in the moment of testing will determine whether that leader is a Leader of Character or not. Habits are formed through our day-to-day choices. Courage is a habit that can be developed and is essential in today’s leaders. Dave Anderson’s plenary is designed to challenge your comfort level and inspire you to choose to have the courage to lead your organizations to change and adapt to the ever-changing demands of the health care marketplace.

Forty-Ninth Walter J. Zeiter Lecture and Awards Video Presentation—Crossing the Finish Line: How Rehabilitation Responders Made Boston Strong

David M. Crandell, MD, FAAPMR
Saturday, October 14
11:30 am-12:30 pm
Ten seconds. On a day usually measured by marathon times in hours, the 117th Boston Marathon, April 15, 2013, ended when 2 bombs detonated close to the finish line, 10 seconds apart. The race for recovery began moments later. Dr. David M. Crandell, medical director of the amputee program at Spaulding Rehabilitation Hospital will present, “Crossing the Finish Line: How Rehabilitation Responders Made Boston Strong.” Dr. Crandell will discuss some of the unique rehabilitation challenges of taking care of multiple severely-injured patients under a national spotlight. Prior to Dr. Crandell’s presentation will be our awards video, where the 2017 award winners will be acknowledged.

PhysTalks Plenary—New for 2017
Sunday, October 15
10 am-11:30 am
End your Assembly experience with the inaugural PhysTalks Plenary. This live competition will feature the top submissions from the Call for PhysTalks. These TED-style talks feature stories that are compelling and impactful to physiatrists. Audience polling will choose the PhysTalk favorite, so stay until Sunday to hear your peers present and cast your vote.
Sunday, October 11
3 pm–4:30 pm
801. Breast Cancer Rehabilitation
MILE HIGH BALLROOM 4AB, BALLROOM LEVEL
Soo Y. Kim, MD, FAAPMR (Session Director)

Friday, October 13
8 am–11 am
810. Breast Cancer Rehabilitation
MILE HIGH BALLROOM 4AB, BALLROOM LEVEL
Eric M. Wosika, MD, FAAPMR (Session Director)

Thursday, October 12
3:45 pm–5:15 pm
702. Thriving Through Transition: The Business of Rehabilitation
ROOMS 704-712, MEETING ROOM LEVEL
Visheal S. Raj, MD, FAAPMR (Session Director);
Steven Godi, MD, FAAPMR; Michael F. Lupinacci, MD, FAAPMR;
Gregory M. Worsowicz, MD, MBA, FAAPMR

Tuesday, October 11
9 am–10:45 am
811. Ultrasound Guidance for Upper Limb Chemodenervation Procedures
MILE HIGH BALLROOM 4AB, BALLROOM LEVEL
Katherine E. Alter, MD, FAAPMR (Session Director)

Friday, October 13
2 pm–5 pm
813. A Practical Guide to Uncommonly-Performed Ultrasound-Guided Peripheral Nerve Blocks for Chronic Pain
MILE HIGH BALLROOM 4AB, BALLROOM LEVEL
Joseph A. Braca, MD, FAAPMR (Session Director)

Wednesday, October 11
2 pm–5 pm
808. Diagnostic Ultrasound of the Wrist and Hand: Thursday, October 12
8 am–11 am
809. Ultrasound-Guided Lower Limb Injection
MILE HIGH BALLROOM 4AB, BALLROOM LEVEL
Soo Y. Kim, MD, FAAPMR (Session Director)

Monday, October 12
4:00 pm–5:30 pm
701. Making the Most of Your Transition: What To Do When You Become a New Attending
ROOMS 704-712, MEETING ROOM LEVEL
Cherry C. Jun, MD, FAAPMR (Session Director);
Leanne5. Clinician Education: Stem Cell Treatment in Cancer Rehabilitation Medicine
MILE HIGH BALLROOM 4EF, BALLROOM LEVEL
Gerard A. Malanga, MD, FAAPMR (Session Director)

705. Thriving Through Transition: The Business of Rehabilitation
ROOMS 704-712, MEETING ROOM LEVEL
Visheal S. Raj, MD, FAAPMR (Session Director);
Steven Godi, MD, FAAPMR; Michael F. Lupinacci, MD, FAAPMR;
Gregory M. Worsowicz, MD, MBA, FAAPMR

A panel of experts from various types of practices will describe their individual practice business model, including the benefits and difficulties associated with each. These experts will share their personal experience on how changes are affecting the overall business model, and how they envision their business progressing.

Don’t miss this revamped program!
You asked and we answered! New this year, resident/early-career activities are taking place throughout the Annual Assembly for a complete event experience.

Sessions begin on Thursday afternoon.

Friday, October 13
2 pm–5:30 pm
701. Making the Most of Your Transition: What To Do When You Become a New Attending
ROOMS 704-712, MEETING ROOM LEVEL
Cherry C. Jun, MD, FAAPMR (Session Director);
Leanne
>

There was an additional request to mention the support of sponsors, advertisers, and exhibitors. On the last day of the document, it was noted that AAPM&R is grateful for the support of sponsors, advertisers, and exhibitors.
**LEARNING CENTER**

Don't miss this valuable, complimentary experience!

The new Learning Center, held in the PM&R Pavilion, 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 technologies available in different clinical areas. The Learning Center is open throughout the Assembly and is included in your registration—stop by as your schedule permits. View our list of topics below and visit www.aapmr.org/assembly or download the mobile app for more details.

### Hands-On Demonstrations Schedule

Participate in these exciting demonstrations! We’ll cover electrodiagnosis, ultrasound, new technologies, and chemodenervation. No registration is required to participate, just stop by the PM&R Pavilion.

#### Thursday, October 12

**ELECTRODIAGNOSIS**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>2 pm-3:30 pm</td>
<td>Electrodiagnosis of Peripheral Neuropathies and Their Mimics</td>
<td>Sandra L. Hearn, MD, FAAPMR (Director)</td>
</tr>
<tr>
<td>3:30 pm-4:30 pm</td>
<td>Most Reliable Electrodagnostic Techniques for CTS</td>
<td>William S. Pease, MD, FAAPMR (Director)</td>
</tr>
<tr>
<td>4:30 pm-5 pm</td>
<td>Is It a Brachial Plexus Lesion or Multilevel Cervical Radiculopathy?</td>
<td>Faren H. Williams, MD, FAAPMR (Director)</td>
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**NEW TECHNOLOGIES**

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<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>2 pm-3:30 pm</td>
<td>Robotics in Upper and Lower Limb Rehabilitation—A Hands-On Approach</td>
<td>Alberto Esquenazi, MD, FAAPMR (Director)</td>
</tr>
<tr>
<td>3:30 pm-5 pm</td>
<td>Technology and Transition—Do You Have the Right App for That?</td>
<td>Alycia L. Schwalbe, MD, FAAPMR (Director)</td>
</tr>
<tr>
<td>3:30 pm-5 pm</td>
<td>3D Printing: A Revolution in Production of Prosthesis and Orthotics</td>
<td>Matthew N. Bartels, MD, MPH, FAAPMR (Director)</td>
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#### Friday, October 13

**ULTRASOUND**

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<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>9 am-10:30 am</td>
<td>Ultrasoundography in Painful Foot Disorders: Applications in Resident Education</td>
<td>Se Won Lee, MD, FAAPMR (Director)</td>
</tr>
<tr>
<td>10:30 am-12 pm</td>
<td>Ultrasound of Upper Limb</td>
<td>Jeffrey S. Braut, DO, FAAPMR (Director)</td>
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**NEW TECHNOLOGIES**

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<thead>
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<tbody>
<tr>
<td>2 pm-3:30 pm</td>
<td>Musculoskeletal Case Presentations</td>
<td>Samuel K. Chu, MD, FAAPMR (Director)</td>
</tr>
<tr>
<td>4 pm-5:30 pm</td>
<td>AAPM&amp;R Resident Quiz Bowl</td>
<td>Christina Klein, MD (Director)</td>
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#### Saturday, October 14

**CHEMODENERVATION**

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</thead>
<tbody>
<tr>
<td>9 am-10:30 am</td>
<td>Ultrasound-Guided Chemodenervation: Applications to the Lower Extremity, Face, and Neck</td>
<td>Yuxi Chen, MD, FAAPMR (Director)</td>
</tr>
<tr>
<td>10:30 am-12 pm</td>
<td>Chemodenervation of Upper Limb</td>
<td>Atul Patel, MD, FAAPMR (Director)</td>
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**Live Theater**

Want more education? Visit our NEW Live Theater within the Learning Center. Stage presentations ranging from plenary session Q&As, book signings, research, and niche clinical topics are just some of the activities for you to explore.

**Thursday, October 12**

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>12:30 pm-1 pm</td>
<td>Mick Ebeling Plenary Q&amp;A and Book Signing</td>
<td>Daniel H. Blatz, MD, MPH, FAAPMR (Director)</td>
</tr>
<tr>
<td>2 pm-3 pm</td>
<td>Paralympic Sport Athlete Classification: An Interactive Audience Participation Seminar Outlining the Methods of Athlete Classification with Video Analysis</td>
<td>Dan Allen, MD (Director)</td>
</tr>
<tr>
<td>3 pm-4 pm</td>
<td>Research Spotlight: MSK &amp; Sports ePoster Session</td>
<td>Thru Arnavaswamy, MD, FAAPMR (Director)</td>
</tr>
<tr>
<td>4 pm-5 pm</td>
<td>Best Articles in PM&amp;R Knowledge NOW 2017</td>
<td>R. Samuel Mayer, MD, FAAPMR (Director)</td>
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**Friday, October 13**

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<tbody>
<tr>
<td>9 am-10 am</td>
<td>Submitting Your Paper to PM&amp;R? How to Increase Your Chance of Acceptance</td>
<td>Stuart M. Weinstein, MD, FAAPMR (Director)</td>
</tr>
<tr>
<td>10 am-10:30 am</td>
<td>Research Spotlight: Neurological Rehabilitation ePoster Session</td>
<td>Armando S. Miccian, MD, FAAPMR (Director)</td>
</tr>
<tr>
<td>12:30 pm-1 pm</td>
<td>Dave Anderson Plenary Q&amp;A and Book Signing</td>
<td>Daniel H. Ebeling, MD, MPH, FAAPMR (Director)</td>
</tr>
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<tbody>
<tr>
<td>9 am-9:45 am</td>
<td>2016 Scott F. Nadler PASSOR Musculoskeletal Research Grant Winner Lecture</td>
<td>Dan Allen, MD (Director)</td>
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<tr>
<td>10 am-10:45 am</td>
<td>2017 PASSOR Legacy Award and Lectureship</td>
<td>Heidi Prather, DO, FAAPMR (Director)</td>
</tr>
<tr>
<td>11 am-12 pm</td>
<td>Research Spotlight: Pediatric Rehabilitation ePoster Session</td>
<td>Joseph Hornsby, IV, MD, PhD, FAAPMR (Director)</td>
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**Sponsored by:**

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- FUJIFILM Sonosite
- KONICA MINOLTA
Welcome Reception
Thursday, October 12
5:15 pm–7 pm
Convention Center, Exhibit Hall D, Exhibit Hall Level
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.

First-Time Attendee Orientation
Thursday, October 12
7:15 am–8 am
Convention Center, Room 709, Meeting Room Level
Attending a conference as eventful as the Assembly can be overwhelming, but your Academy is here to help you navigate the program. Please join us at the First-Time Attendee Orientation to meet other first-timers and understand how to use the Academy’s onsite resources. Academy staff and leadership will welcome you and answer questions.

President’s Reception
Friday, October 13
6:30 pm–9 pm
Wynkoop Brewing Company
1634 18th Street, Denver, CO 80202
We’re excited to host our President’s Reception at Wynkoop Brewing Company, Colorado’s first brewpub, located in downtown Denver. The vintage, late 1800s warehouse has been transformed into a charming turn-of-the-century Denver institution. Wynkoop brews more than 40 different styles of craft beer, which include surprising ingredients such as Rocky Mountain Oysters! Challenge your peers to a friendly game of billiards or shuffleboard, participate in pub trivia, and enjoy New American pub grub in the brewery’s billiards parlor. Kick back, relax, and listen to a live bluegrass band with a freshly-brewed glass of custom AAPM&R beer, named by our members!

Check the registration desk on the Meeting Room Level for ticket availability.

Community Network Lounge
Thursday, October 12–Saturday, October 14
Convention Center, Exhibit Hall D Foyer, Exhibit Hall Level
Hold an impromptu meeting or host a more private gathering (reserved by appointment) in our Community Network Lounge. Meet with your group onsite to ask advice and share your current situation, needs, and thoughts on topics surrounding your clinical interests. The Lounge is also a perfect place to unwind and enjoy mountain views, get some fresh air on the terrace, or join in on a pickup game of beanbag toss!
Rooms are reserved on a first-come, first-served basis. Visit the registration desk on the Meeting Room Level if you are interested in reserving space.

Member Council Gatherings
Member Councils are the pathway to transforming your Academy membership into a more powerful resource in the areas of education, research, and advocacy. Member Council Gatherings are designed to help YOU connect with your peers. Through your Member Councils, you can interact with other Academy members who share your clinical interests, provide input directly to Academy leadership on everything from educational content to legislation, and receive tailored resources relevant to your practice.
Enroll by updating your member profile on www.aapmr.org. Members can join as many Councils as they wish.

Thursday, October 12
1 pm–2 pm
Central Nervous System Rehabilitation
Convention Center, Mile High Ballroom 2B, Ballroom Level
Pediatric Rehabilitation/Developmental Disabilities
Convention Center, Room 705, Meeting Room Level

Friday, October 13
12:45 pm–1:45 pm
General and Medical Rehabilitation
Convention Center, Room 705, Meeting Room Level
Musculoskeletal Medicine
Convention Center, Rooms 601–603, Meeting Room Level

Saturday, October 14
12:30 pm–1:30 pm
Pain Medicine/Neuromuscular Medicine
Convention Center, Mile High Ballroom 2A–3A, Ballroom Level

Connect with thousands of your peers onsite! Download our mobile app at www.aapmr.org/app and view an attendee list to help you easily see who’s here in Denver.

Sponsored in part by:
ACADEMY EVENTS

AAPM&R Business Meeting
Saturday, October 14
12:45 pm–1:45 pm
Convention Center, Four Seasons 2–4, Ballroom Level
All AAPM&R fellow members are encouraged to attend this Annual Business Meeting to vote on elected positions, approve the membership roster, consider bylaw amendment proposals, review 2017 activities, and preview 2018 Academy initiatives.

AAPM&R Academic Lunch—Invitation Only, RSVP Required
Friday, October 13
12:45 pm–1:30 pm
One of the resounding messages that was broadly emphasized in the Academy’s Visioning BOLD initiative was the need to expand, innovate, and strengthen our PM&R graduate medical education programs to meet future needs, and fulfill the exciting and rewarding future opportunities for the PM&R specialty. To that end, the Academy has created a new Graduate Medical Education (GME) Committee to advance these strategic efforts. During this lunch, Academy leadership will provide an update on the outcomes and trajectory of the Visioning BOLD initiative and commitments of the GME Committee, which includes defining future training requirements, addressing funding challenges, and future workforce planning.

GME Leaders Summit—Invitation Only, RSVP Required
Creating, Funding, and Sustaining Successful Fellowship Training Programs
Friday, October 13
1:45 pm–5:30 pm
This session is meant to be an interactive summit to explore and advance the issues related to expanding PM&R’s fellowship training opportunities, with an emphasis on both ACGME-accredited and non-accredited fellowships. Participants will be tasked with exploring the political and funding issues for initiating and sustaining GME training fellowships. The session will begin with a keynote presentation by Rosemarie L. Fisher, MD, Professor of Medicine (Digestive Diseases) and of Pediatrics, Associate Dean of Graduate Medical Education for Yale School of Medicine, who will offer insights and experiences on how to initiate and sustain fellowships, with an emphasis on internal politics and funding. After the keynote presentation, the remaining time will be spent in small work groups to develop strategies, share experiences, and discuss the future direction of fellowships. Ideally, the outcome of this session will conclude with specific recommendations and commitments for the specialty

STATE SOCIETY MEETINGS

Thursday, October 12
7 pm–9 pm
All Michigan Statewide Reception at AAPM&R
(Sponsored by University of Michigan, Michigan State University & Mary Free Bed Rehab Hospital)
Hyatt Regency, Peaks Lounge, 27th Floor
American Association of Chinese Rehabilitation Physicians
Hyatt Regency, Mineral C, 3rd Floor
New York Society of PM&R Networking Event
Hyatt Regency, Granite B C, 3rd Floor
Ohio Society of PM&R
Hyatt Regency, Mineral B, 3rd Floor
Tennessee Academy of PM&R Meeting
Hyatt Regency, Mineral D, 3rd Floor

ALUMNI RECEPTIONS

Saturday, October 14
7 pm–9 pm
Mayo Clinic Alumni Association Reception
Hyatt Regency, Mineral B, 3rd Floor
New York-Presbyterian Hospital/Columbia/Cornell 2017 Annual Assembly Alumni Reception
Hyatt Regency, Mineral E, 3rd Floor
Sidney Kimmel Medical College at Thomas Jefferson University, Department of Rehabilitation Medicine Faculty, Resident, and Alumni Reception
Hyatt Regency, Mineral F, 3rd Floor
Spaulding Rehabilitation Hospital/Harvard Medical School, Department of PM&R Reception
Hyatt Regency, Mineral D, 3rd Floor
Stanford PM&R Residency Alumni Reception
Hyatt Regency, Peaks Lounge, 27th Floor
UPMC and the University of Pittsburgh Department of Physical Medicine and Rehabilitation Cocktial Reception
Appaloosa Grill (Wright Room), 535 16th Street, 2nd Floor
UT Southwestern Alumni Reception
Hyatt Regency, Mineral G, 3rd Floor
VA Greater Los Angeles/UCLA PM&R and Pain Medicine Fellowship Alumni Reception
Hyatt Regency, Granite A, 3rd Floor

7 pm–9:30 pm
University of Washington Rehabilitation Medicine Alumni Event
Hyatt Regency, Capitol 5, 4th Floor
7 pm–10 pm
MedStar NRH Alumni and Friends Reception 2017
Hyatt Regency, Capitol 1 & 2, 4th Floor
Montefiore Medical Center Resident Alumni Reception
Hyatt Regency, Mineral A, 3rd Floor
Northwestern Feinberg School of Medicine/Rehabilitation Institute of Chicago/AbilityLab
Hyatt Regency, Capitol 4, 4th Floor
Rusk Rehabilitation-NYU Langone Medical Center Alumni Reception
Hyatt Regency, Mineral C, 3rd Floor

COMMUNITY

THRIVING THROUGH TRANSFORMATION
Updates on Immediate-Release Opioids:
Introducing an Abuse-Deterrent Option

Friday, October 13, 2017 • 12:45 PM – 1:45 PM

LEARNING OBJECTIVES

• Understand the unmet need for an abuse-deterrent, immediate-release opioid as a potential tool in the fight against the prescription opioid abuse epidemic

• Understand the various categories of evidence recommended by FDA to evaluate an abuse-deterrent formulation (ADF)

• Learn about an FDA-approved immediate-release opioid with ADF labeling

• Become familiar with the important prescribing considerations and Important Safety Information

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 PRMA 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.

Donor Appreciation Reception
(by invitation only)
Thursday, October 12
7 pm–8:30 pm
Hyatt Regency, Mineral Hall A, Level 3

Once a year, the Foundation for PM&R has the opportunity to thank our donors for their support in a social setting. The reception will feature this year’s research grant award winners presenting brief summaries of their winning research proposals. Stuart Weinstein, MD, editor-in-chief of PM&R, will also present the PM&R Journal’s Best Paper Award.

Rehab 5K Run/Walk & Roll
Friday, October 13
6:30 am
Sloan’s Lake Park

Join your colleagues as we raise money for physiatric research during this early-morning fun run. Visit the Foundation for PM&R’s booth (A1519) in the PM&R Pavilion on Thursday evening to pick up your race packet or register. Registration will also be available at the race site on Friday prior to the start time. Shuttle buses will be provided from the Hyatt Regency to Sloan’s Lake Park starting at 5:45 am.

NEW! Residency Program Challenge—The Foundation for PM&R is introducing some collegial competition between residency programs to see who can run the fastest, bring the most participants, and raise the most money. Program graduates are encouraged to run with their residency program to help them win.

Come and cheer on your team!

2016 Scott F. Nadler PASSOR Musculoskeletal Research Grant Winner Lecture
Saturday, October 14
9 am–9:45 am
Convention Center, Learning Center, Live Theater in the PM&R Pavilion, Exhibit Hall D

Daniel C. Herman, MD, PhD, FAAPMR, University of Florida, will present the results of his 2016 Scott Nadler PASSOR Research Grant Study, “Secondary Musculoskeletal Injury Risk after Concussion: A New Paradigm for Musculoskeletal Injury Risk Evaluation, Prevention, and Rehabilitation.”
PM&R Pavilion

The PM&R Pavilion (formerly known as the Exhibit Hall) takes education beyond the classroom and provides you with real-life applications of the latest resources, products, and services.

PM&R Pavilion Hours

• Thursday, October 12
  12:30 pm–7 pm
  (Welcome Reception is 5:15 pm–7 pm)
• Friday, October 13
  9 am–5:30 pm
• Saturday, October 14
  9 am–2 pm

What to Do in the PM&R Pavilion:

• Visit more than 170 exhibiting companies 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, included in your registration fee. Visit page 36 for details.
• Attend Live Theater Sessions in the Learning Center—no registration required, included in your registration fee.
• Attend Lunch and Learn Presentations (see page 48 for the schedule)—no registration or fee required.
• Visit the Career and Fellowship Corner and sessions.
• Grab a bite to eat and network with your peers.
• Visit with plenary speakers.
• Earn points by playing the Assembly 360˚ Challenge game through the mobile app!

Career and Fellowship Corner Schedule of Events

Expanded Career and Fellowship Corner

Stop by the Career and Fellowship Corner in the PM&R Pavilion to learn more about the Academy’s career development resources and tools, as well as volunteer opportunities to enhance your CV and leadership skills. Meet with representatives who can help you post your CV or open position on AAPM&R’s Job and Fellowship Board. New this year—organizations are recruiting candidates at designated kiosks near the booth.

Featured speakers are listed below:

Thursday, October 12
1 pm–2 pm
Starting a Non-Profit/Integrating into Your Community
Matthew Grierson, MD, FAAPMR
2 pm–2:30 pm
Fellowship Round Table Conversation Continued—Pediatric Focus
Rochelle Dy, MD, FAAPMR
3:30 pm–4 pm
Embracing New Technology as a Mid-Career Physician
Christopher Garrison, MD, MBA, FAAPMR
6 pm–6:30 pm
How Volunteering With the Academy Can Advance Your Career
Thru-M. Annaswamy, MD, MA, FAAPMR; Amy Moultrie, MD, PhD, MPH, FAAPMR

Friday, October 13
9:15 am–9:45 am
Starting a Private Practice
Annie Purcell, DO, FAAPMR
11 am–11:30 am
Financial Strategies for the Early-Career Physiatrist
Alex Spiller, Financial Services Associate, Treloar & Heisel
2 pm–2:30 pm
Insurance Protection Basics for the Early-Career Physiatrist
Alex Spiller, Financial Services Associate, Treloar & Heisel
3 pm–3:30 pm
Experience of a PM&R Physician Employed by a Payer
Marc Duerden, MD, Anthem
3:30 pm–4 pm
Experience of a PM&R Physician Employed by Industry
Anthony Barbieri, MD, Astra Zeneca

Saturday, October 14
9:30 am–10:30 am
Fellowship Round Table Conversation Continued—Pain Focus
Justin Maia, MD, FAAPMR
10:30 am–11:30 am
The Evolution of Being a Physiatrist/How to Make Changes in Your Career
John Malsam, MD, FAAPMR

Looking for Career Opportunities?

Utilize Our Job and Fellowship Board

AAPM&R’s Job and Fellowship Board is the #1 resource exclusively for physiatrists. Designed for members in all stages of their career, you can easily view open positions, find fellowship opportunities, and more with this one-stop career development tool. We’re also a proud member of the National Healthcare Career Network (NHNC), an alliance of more than 300 professional associations and societies, giving you even more career opportunities to browse. Visit jobboard.aapmr.org to see our new design and start your search!

Thriving Through Transformation
PUSHING THE BOUNDARIES
OF REHABILITATION MEDICINE

Penn Physical Medicine and Rehabilitation is delighted to be part of the AAPM&R meeting in the mile-high city.

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

We look forward to meeting with you at this week’s assembly events, and discussing the groundbreaking new ways we can help our patients thrive.

WANT TO JOIN PENN PM&R?

OPENINGS AVAILABLE:
• Spinal cord injury specialist
• General physiatry
• Interventional spine

FELLOWSHIPS AVAILABLE:
• Brain injury
• Interventional spine

PLEASE VISIT US AT BOOTH 2105 AT THE AAPM&R JOB FAIR.

FIND MORE INFORMATION ABOUT PENN PM&R AT www.med.upenn.edu/fapd

ASSEMBLY 360° CHALLENGE

Earn points through the Assembly 360° Challenge mobile app as you navigate the Annual Assembly

Everyone likes some friendly competition, right? Earn points by visiting locations throughout the Annual Assembly. Attendees with the most points will appear on a leader board within the app. Winners will be announced on Sunday and need not be present to win.

Playing is simple, follow the prompts below:

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.

RULES: Game runs from Thursday–Sunday; 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 on Sunday and need not be present to win. Prizes will be distributed electronically after the Annual Assembly.

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

25 POINTS PER BOOTH

Merz 308
Ipsen 401
Medtronic 416
Saol Therapeutics 424
Yale Medicine 834
Allergan 916
Parker Hannifin 1108
Spaulding Rehabilitation Network 1122
Oalichi-Sankyo 1304

2 Post a photo on Twitter or Instagram to #PhysiatryDay2017 on Friday, October 13, and pick up your printed photo at the Mosaic Wall in the Member Solution Center. (10 POINTS)

3 Visit the Member Solution Center and update your member profile. (10 POINTS)

4 Visit the Learning Center in the PM&R Pavilion. (10 POINTS) See mobile app or pages 36–37 for dates/times.

5 Visit the Poster Hall. (10 POINTS) Multiple opportunities are available, see mobile app or page 3 for dates and times.

6 Complete a brief survey at the “Path to Vision station” near the Member Solution Center. (10 POINTS)

7 Attend the Resident Quiz Bowl. (25 POINTS) October 13, 4 pm–5:30 pm, Live Theater, Learning Center, PM&R Pavilion

8 Attend the Sunday Plenary Session. (10 POINTS) October 15, 10 am–11:30 am, Four Seasons 1, Ballroom Level

9 Attend a Lunch and Learn Presentation in the PM&R Pavilion. (25 POINTS) Multiple opportunities are available, see mobile app or page 48 for dates/times.

10 Attend a Satellite Symposium. (25 POINTS) See mobile app or page 49 for the date/time.

Play Assembly 360° Challenge even if you won’t be in attendance for the entire meeting. Attendees accumulating at least 250 points will be entered into a drawing and have the chance to win additional prizes.

PRIZES
• First: 2018 Annual Assembly Registration
• Second: $100 Amazon® gift card
• Third: $50 coupon on mē® website
LUNCH AND LEARN PRESENTATIONS

PM&R Pavilion, Exhibit Hall D, Exhibit Hall Level

Lunch and Learns are 60-minute sessions, hosted by industry, which highlight issues that are relevant to PM&R physicians and the patients they serve. These sessions are independent of AAPM&R and do not offer CME credit. Registration is not required, all are welcome, and lunch is provided (first-come, first-served).

Three Categories of Evidence: Introducing a Single-Agent, Abuse-Deterrent, Extended-Release Morphine
Thursday, October 12
1 pm–2 pm
Speaker: Sri Nalamachu, MD

Please join us for an interactive industry-sponsored presentation that will highlight the growing public health issue of opioid abuse, and will introduce a single-agent, abuse-deterrent, extended-release morphine product. The audience will take an in-depth look into the abuse-deterring technology, the categories of evidence that support the abuse-deterrent claims of the product, and gain familiarity with the important prescribing information. See our ad on page 6.

Updates on Immediate-Release Opioids: Introducing an Abuse-Deterrent Option
Friday, October 13
12:45 pm–1:45 pm
Speaker: Sri Nalamachu, MD

Please join us for an interactive, industry-sponsored presentation that will shine light on the public health issue of IR opioid abuse, and the role of abuse-deterrent opioids in the fight against prescription opioid abuse. An expert faculty speaker will update the audience on an abuse-deterrent IR opioid. The audience will have the opportunity to take a closer look at the abuse-deterrent technology, the categories of evidence that support the abuse-deterrence of the product, and gain familiarity with its important prescribing information. See our ad on page 42.

Maintaining Practice Viability in a Complex Payer Environment
Friday, October 13
12:45 pm–1:45 pm
Speaker: Rom Howrigon, President and CEO of Fulcrum Strategies

A look at the environmental trends that are shaping the future of the health care industry from the perspective of a managed care expert.

SATELLITE SYMPOSIUM

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. All are welcome, registration is not required, and breakfast is provided.

Optimizing the Diagnosis and Management of Spasticity
Friday, October 13
6:45 am–8 am
Convention Center, Mile High Ballroom 1DEF, Ballroom Level

Speaker: Katharine Alter, MD, FAAPMR

- Senior Physiatrist, Mount Washington Pediatric Hospital
- Clinical Assistant Professor, Pediatrics, Physical Medicine Rehabilitation

Speaker: Mark Gormley, Jr., MD, FAAPMR

- Pediatric Rehabilitation Medicine Physician, Gillette Children’s Specialty Healthcare
- Section Chief, Pediatric Physical Medicine and Rehabilitation

Speaker: Mauricio R. Delgado, MD

- Professor of Neurology, University of Texas Southwestern Medical Center
- Director of Pediatric Neurology and Neurorehabilitation

Learning Objectives:
- Recognize spasticity in children with CP and strategies to establish individualized treatment goals.
- Assess the efficacy and safety data on available pharmacological and non-pharmacological strategies to manage spasticity in children with CP.
- Evaluate the use of BoNT as part of individualized treatment plans for managing spasticity in children with CP.
Congratulations Dr. Dennis Matthews
PM&R Chair, University of Colorado
Retiring after 20 years of excellence
Be sure to check the mobile app for new exhibitors registered after the publication date.
American Academy of Orthopaedic Surgeons

www.aaos.org

The American Academy of Orthopaedic Surgeons is the preeminent provider and publisher of musculoskeletal education to orthopaedic surgeons and other medical professionals. The Academy’s continuing medical education program is comprised of a world-renowned Annual Meeting, skills and didactics courses, and scientific resources— including the best-selling practical clinical resource Essentials of Musculoskeletal Care.

American Board of Physical Medicine and Rehabilitation

www.abpm.org

The American Board of Physical Medicine and Rehabilitation (ABPMR) is the nation’s only trade organization dedicated solely to the interests of inpatient rehabilitation hospitals and units, outpatient rehabilitation centers, and other medical rehabilitation providers. AMRPA focuses on collective advocacy—working together to advance the field of medical rehabilitation and to support the medical rehabilitation needs of persons with disabilities.

American Orthopaedic College of Physical Medicine & Rehabilitation

www.aocpmr.org

AOCPMR is the home for osteopathic physiatrists. We help physicians grow professionally throughout their careers by providing excellent continuing education, by advocating for their patients and the state level, and by providing practice management information and skills necessary for success in today’s ever-changing health care market.

American Physical Therapy Association

www.apta.org

Amptec is the American Physical Therapy Association’s (APTA’s) largest provider of continuing education, research, advocacy, and public information. APTA members are more than 200,000 therapists who are committed to bringing care to people at any age or stage of life. Our members have a wide range of skills and specialties that allow them to be experts in their chosen field.

American Society for Testing and Materials

www.astm.org

The American Society for Testing and Materials (ASTM) is a global leader in the development and delivery of voluntary consensus standards. ASTM’s 12,000 volunteers form a network of experts in a wide range of industries and disciplines. These experts work by consensus to develop and coordinate the most appropriate and reliable technical standards.

American Tort Reform Association

www.tort.org

The American Tort Reform Association (ATRA) is the nation’s leading destination for advocates of tort reform. ATRA’s mission is to work to change the tort system and improve the legal climate so that the American people have access to justice.

American Urological Association

www.auanet.org

The American Urological Association (AUA) is the leading professional organization devoted to the detection, prevention, and treatment of urologic disease.

American College of Chest Physicians

www.chestnet.org

The American College of Chest Physicians (CHEST) is the world’s leading organization for health professionals and institutions focused on improving outcomes in patients and populations with chest diseases and disorders. CHEST is committed to supporting the practice and advancement of chest medicine and science.

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Diagnosis, which can hopefully lead to a more accurate diagnosis.

CRL kits can be stored for up to 1 year before they expire; no cumbersome freezer packs; flat packaging requires minimal

physical therapy, and wellness services from nearly 600 medical

improving the health of America’s workforce, 1 patient at a time.

side-by-side with world-class surgeons and medical specialists

develop the most sophisticated technologies and techniques

Biosciences collaborates with physicians and scientists to

As the innovative leader in regenerative medicine, Celling

Celling Biosciences

www.corinthianreferencelab.com

www.chop.edu

Craig Hospital

Division of Rehabilitation Medicine

www.chop.edu

Children's Healthcare of Atlanta

Healthcare of Atlanta

Rehabilitation Services

www.chop.org

Children’s Hospital of Philadelphia

Accreditation criteria are designed to encourage organizations to care to promote independence as well as maximize function and

Cleveland Clinic

pmr.org

Cleveland Clinic

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 physical therapists and medical specialists who share their subspecialty interests. Cleveland Clinic’s unique health care delivery system helps patients maintain good health and improve their function.

Concentra

www.concentra.com

Concentra is a leading health care company focused on improving the health of America’s workforce. 1 patient at a time.

Our network of clinicians provides workplace health, urgent care, physical therapy, chiropractic, athletic training, home care, and more.

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Halyard Health
www.halyardhealth.com

Halyard Health is a medical technology company focused on preventing infection, eliminating pain, and speeding recovery by delivering clinically-superior products and services that help advance health care. Solutions for chronic pain include COOLFLEX® Coold RF, a continuous thermal radiofrequency therapy needle that uses cooled technology to safely deactivate pain-causing sensory nerves, and is clinically proven to provide relief for up to 24 months of relief.

Hanger Clinic
www.hangerclinic.com

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

Harvest Technologies
www.harvesttechs.com

Harvest Technologies has long been a leader in point-of-care cell therapy products. Now, as part of Terumo BCT, our promise is even greater. Terumo BCT is a global leader in blood component, therapeutic apheresis, and cellular technologies, offering more than 30 years of cell processing expertise and a comprehensive range of solutions that cover the continuum of cell therapy—from point-of-care to cell therapy manufacturing.

HealthSouth Corporation
www.healthsouth.com

HealthSouth is one of the nation’s largest providers of post-acute health care services, offering both facility-based and home-based post-acute care services in 34 states and Puerto Rico through its network of independent rehabilitation hospitals, home health agencies, and hospice agencies.

Hely & Weber
www.hely-weber.com

Hely & Weber has significant experience in collaborative bracing building and designing with physicians and surgeons all over the USA. Our model of listening to our customers, developing unique solutions to their needs, and building the best quality braces in the market sets us apart in patient care, treatment options, and results. We are looking forward to sharing our developments with you and showing you what 80 years of bracing building experience can deliver for your patients.

Hoca/Motak
www.hocama.com

Hoca/Motak is a global market leader for the development, manufacturing, and marketing of robotic and sensor-based medical devices for mechanical movement therapy. We develop all of our innovative therapy solutions in close cooperation with leading clinics, medical centers, and research institutions. The product range features several devices for intensive gait therapy, functional walking training, and upper extremity training. We aim at early rehabilitation and patient mobilization, as well as functional recovery therapy in low back pain treatment.

Infinite Therapeutics
www.infinite3dsolutions.com

The Infinite Hinge is the industry’s advanced 3D massage technology on the market and an L-shaped roller track to deliver unmatched stress relief. Users can also control the chair from their Apple® or Android® devices with the Infinite Riage app.

Integrated Rehab Consultants
www.irhabconsultants.com

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

Intronex Technologies Corporation
www.intronitech.com

Intronex’s myogenic guidance device helps target optimal injection sites for the management of muscle spasms associated with pain and spasticity. Introducing Myoguide DBC, a unique, graphics-based, solution, is a game-changer for clinicians managing patients with pain and spasticity. Clinicians can document the injection, as well as patient condition/functional graphics, patient history, daily records, treatment plans, generate reports, add and track青铜, capability, and pain index scores.

Inviq Media
www.inviqmedia.com

Inviq Media is the leader in providing clients with the best marketing applications around. We work from the inside out to give you celebrity-status status in your market. How? By creating strategic programs designed to grow your practice. Your prospects will KNOW, LIKE, and TRUST YOU before they ever do business with you. Let us automate your patient lead generation tasks so you can do what you do best. We are your true "診断" content, social, traffic, and conversion team all under one roof.

Ispen Biopharmaceuticals, Inc.
www.ispen.com

Ispen is a global, specialty-driven, biotechnology group with total sales exceeding $1 billion in 2022, in 35 countries including more than 115 US countries, with a direct commercial presence in over 30 countries. Ispen’s ambition is to become a leader in specialty health care solutions for targeted debilitating diseases.

JFK Johnson Rehabilitation Institute
www.jfjohnhelahealth.com

Jazz Pharmaceuticals, Inc.
www.jazzpharmacy.com

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

Joint Active Systems, Inc.
www.jointactivesystems.com

Joint Active Systems (JAS) is the innovator and market leader for active rehabilitation. CIBIT (Continuous Intensive Biomechanics Therapy) is a robust and effective rehabilitation program. CIBIT therapy is designed for patients to do their own therapy, with ongoing therapy in a clinic setting.

Kessler Institute for Rehabilitation
www.kessler-rehab.com

Kessler Institute is 1 of only 8 NIDRR-designated model systems for the treatment and research of both traumatic brain and spinal cord injuries. That same pioneering care distinguishes Kessler’s programs for stroke, neurological diseases, amputations, orthopedics, diabetes, and pediatrics. Kessler leads one of the top rehabilitation hospitals by U.S. News, Kessler, the largest and most experienced of its kind, helps more patients rebuild their lives each year.

Konica Minolta Medical Imaging
www.konicanimedical.com

Konica Minolta Healthcare is a world-class provider and market leader in medical diagnostic imaging and health care information technology solutions. The company offers advanced image archiving and management solutions through its Advantage Imaging platform. Konica Minolta is globally recognized as a leader providing cutting-edge technologies and support aimed at achieving real solutions.

Legacy Physiatry Group
www.legacyphysiatry.net

Legacy Physiatry Group specializes in providing dedicated PM&R services to individuals receiving therapy to healthcare facilities offering rehabilitative services. Our purpose is to assist the unique needs of our patients and the medical facilities with innovative ongoing treatment of individuals presenting with a wide-range of disabilities and conditions. Our goal is to retrain an individual to his/her highest level of functioning and improving therapy outcomes.

Lifelines Neurodiagnostic Systems, Inc.
www.lifelinesneuro.com

Lipogems
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 orthotrophic surgery. Lipogems is intended for the support and repair of damaged or injured tissue for office applications or as an adjunct in a surgical setting.

LocumTenens.com
www.locumtenens.com

Mary Free Bed Rehabilitation Hospital
www.maryfreebed.com

Man & Tel Co., Ltd.
www.manandtel.com

Mary Free Bed Rehabilitation Hospital is part of the Mary Free Bed Rehabilitation Network, 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 such as amputation, arthritis, brain injury, cancer, cardiac conditions, concussion, spinal cord injury, and disease.

MedStar, Inc.
www.medstarinc.com

As a global leader in medical technology, services, and solutions, Medstar improves the lives and health of millions of people each year. We use our deep 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

Merz Neurosciences is dedicated to delivering a better total experience to patients and physicians in neurosciences. We strive to deliver meaningful treatment options and a better patient experience in order 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 that includes the neurotoxin Xeomin® (cobasutumtoxinA) and Cupiotox® (glycosylated) Oral Solution.

MHI International, LLC/M-Brace
www.m-brace.com

M.H. International is the manufacturer of the M-Brace line of orthotic soft goods and the best LSO on the market. Our product is designed to offer maximum mobility while remaining comfortable and dry. Our advanced fabrics are reusable, lightweight, and breathable, providing a higher rate of compliance.

MG Med
www.mgmed.com

Minesor/Mason & Associates
www.minesor.com

Mistak Sports Medicine
www.mistak.com

DePuy Synthes Mistak Sports Medicine is a global leader in orthopedics, and a world leader in the treatment of traumatic and degenerative soft tissue pathologies and joint injuries. We help our clients to deliver high-quality and innovative services. The company’s portfolio includes non-surgical and minimally-invasive surgical therapies to help patients move beyond joint injuries and pain.
Spaulding Rehabilitation Network 1122
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 Physical Medicine & Rehabilitation. The network offers a full range of clinical services and research programs available to patients of all ages. Spaulding’s mission is to provide exceptional patient care, promote medical education, and advance research.

Rusk Rehabilitation at NYU Langone Medical Center 323
www.nymc.org

Rusk Rehabilitation at NYU Langone Medical Center provides the full spectrum of inpatient and outpatient rehabilitation care for a wide range of conditions. From patients seeking to walk again after a stroke or return to work post-injury, to the world’s first university-affiliated facility dedicated entirely to rehabilitation medicine.

Perfectly Zero Gravity Skin 128
www.zerogravitskin.com

Perfectly Zero Gravity Skin is an FDA-approved medical device based on NASA science used for LED therapy facial treatments at home. In fact, a recent independent study by leading research institution University College, London, confirms that proper use resulted in remarkable skin improvement and a noticeable diminishment of fine lines and wrinkles in over 90% of patients.

Safersonic, Inc. 472
www.safersonic.com

Safersonic is the leading source of affordable, high-quality electrodiagnostic products and personalized customer service. Featured products include a wide range of EMG, nerve-conduct velocity, sensor, and disposable needle electrodes that offer unbeatable value and performance. Our sales force is available for full callback, before purchasing.

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SpinalInterventionSociety.com 1522
www.spinelinevention.org

The Spine Intervention Society (SIS) has more than 2,600 members worldwide. SIS education, research, and advocacy help ensure patients access to quality care. SIS membership is your key to staying at the top of your game and achieving your goals-only, hands-on courses instructed by the people who helped develop the evidence base.

Tat Records 206
www.tatrecords.com

Tat Records is a music company that specializes in releasing recorded music and in providing resources, national workshops, and continual consultation. Tat Records is a member of the American Society of Composers, Authors, and Publishers (ASCAP). Tat Records offers music licensing, royalty distribution, and songwriting services. It also offers music education and songwriting workshops.

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www.tatrecords.com

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TAT creates a noticeable diminishment of fine lines and wrinkles in over 90% of patients. 

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University of Utah 804
www.hsc.utah.edu

The University of Utah Rehabilitation Center is a 2A-bed inpatient program with CARF specialty accreditation for spinal cord injury, traumatic brain injury, and stroke. Our spinal cord injury program recently received the National SCI Data Program Award in Utah and provides the most comprehensive rehabilitation program in the region.

Veterans Evaluation Services 222
www.vesservices.com

Veterans Evaluation Services offers the following evaluations to veterans and their dependents: occupational, physical, speech, audiological, and psychological evaluations; vocational and educational assessments; outpatient therapy services; and home health services.

Veterans Rehabilitation Services 222
www.vesservices.com

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Wolters Kluwer 206
www.wolterskluwer.com

Wolters Kluwer is a leading international publisher of medical books, journals, and electronic media. We are experts in specialty medicine, continuing medical education, and medical management. We provide specialized clinicians, health professionals, and students. Please visit www.206 to browse our comprehensive product line.

Yale Medicine 834
www.yalemedicine.org

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 evidence based medicine to keep patients as active and healthy as possible. The Center is the leader in disability and outcome measurement systems for patients, and the best way for our physician partners to monitor their patients through the rehabilitation process faster and in a more motivating way.

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www.yalemedicine.org

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ZerogravitySkin.com 128
www.zerogravityskin.com

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View maps and exhibitors on the mobile app.

Turn to page 51 to view a map of the PM&R Pavilion.

Flip to page 64 for a list of exhibitors by category.

Need help navigating the PM&R Pavilion Floor? View the list of exhibitors by category on page 64.
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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 to find out about exciting new developments in the department.

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EDWARD A. HURVITZ, M.D.
Professor and Chair

Network with industry experts and experience state-of-the-art treatments in the PM&R Pavilion! Download our mobile app at www.aapmr.org/app to view a map and exhibitor listing.

欲了解更多有关这些参展商的信息？请翻到第53-63页。
Thank You to Our Annual Corporate Supporters!
AAPM&R gratefully acknowledges the companies listed below for their support in 2017 (as of August 21, 2017). This support allows AAPM&R to carry out its mission.

**2017 INDUSTRY RELATIONS COUNCIL (IRC) PARTICIPANTS**

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Please note: Due to compliance reasons, educational grant amounts are not included in determining the level of support (e.g., platinum, gold, silver).

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AAPM&R, Industry, and You
AAPM&R believes that industry involvement at the Annual Assembly is important and valuable for many reasons. 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. It is important to recognize that nearly every tool, service, intervention or medication we use to take care of our patients and run our practices was developed and provided to us by industry. 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. Since many physicians have limited interactions with industry outside of the Annual Assembly, attendees can learn about advances in medicine by spending time with our industry partners at the PM&R Pavilion. Think of it as an additional educational resource that extends your learning “beyond the classroom.”

We encourage attendees to look at the PM&R Pavilion, as well as the Lunch and Learn Presentations and Satellite Symposia through a refreshed lens. We challenge you to look at these opportunities as ways to learn about new or expanded ways of improving the care you provide patients or improving your practice. We invite you to share what you have learned by commenting on the white board within the PM&R Pavilion or tweeting about it using the hashtag “#AAPMR2017.”

It is important to note that the AAPM&R Board of Governors (BOG) and AAPM&R Corporate Relations Committee (CRC) are committed to maintaining valued industry relationships without compromising the independence and credibility of AAPM&R activities and programs: we take compliance seriously. As such, the Academy, officers, faculty, and staff follow guidelines, policies, and processes that are based on, and usually surpass recommendations from, the Accreditation Council for Continuing Medical Education (ACCME), American Medical Association (AMA), and 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. AAPM&R, its officers, and staff do not endorse or promote any company or product involved in this year’s Annual Assembly. AAPM&R also publicly discloses corporate support received on www.aapmr.org on a quarterly basis to foster transparency. For more information about AAPM&R policies, which focus on relationships with industry, CME, disclosure, transparency, and compliance, please email info@aapmr.org.

Industry Involvement 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 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 agreements (LOAs) documenting strict compliance with all established guidelines and policies. 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 Learns**
AAPM&R allows (for a fee) industry to host Lunch and Learn Presentations, which are independent, CME, disclosure, transparency, and compliance, sponsored or supported by industry.

To become a sponsor or to recommend a supporter, please contact AAPM&R at (847) 737-6000 or email corporatesupport@aapmr.org.
For a physician referral or for more information about rehabilitation services at a location near you, call 1.800.4BAYLOR or visit us online at: BaylorHealth.com/Rehab.

College student Audrey Self barely survived the car accident that battered her body and brain. When she woke up from a month-long coma, she was unable to move on her own. “The physical and occupational therapists at Baylor Institute for Rehabilitation worked with me in the hospital and in outpatient rehab.” Little by little, Audrey regained her mobility. “They helped me take tiny steps, which added up to big steps, which turned into leaps and bounds.” Now, Audrey is back in school, walking across campus unassisted and even participating in local marathons. “What we set our mind to, we can do. Nothing is impossible.”

SAVE THE DATE

2018 Annual Assembly | October 25–28 | Orlando, Florida

During these times of change, define your own success, but lean on your community of 10,000+ physiatrists for support. Together at the Annual Assembly, the PM&R community will learn about the latest innovations in practice, science, and leadership to advance our vision for the specialty.

Mark your calendar and watch www.aapmr.org/assembly for updates.

Help Us Transform Next Year’s Meeting
With Innovative Proposals

We are looking for physiatrists who are interested in helping facilitate and foster an active learning environment.

You’re invited to submit a proposal that goes beyond the traditional lecture and incorporates interactive ways that will enhance learning.

Submit your session proposal and research abstracts beginning November 1 at www.aapmr.org/volunteer and help us revolutionize next year’s meeting. Due dates: Friday, December 1, 2017 (Call for Proposals), Friday, December 15, 2017 (Call for Abstracts).

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Baylor Institute for Rehabilitation

THRIVING THROUGH TRANSFORMATION
ABOUT AAPM&R

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Interested in what the Academy is working on for you and the PM&R specialty in 2018 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

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