CELEBRATE AAP’S 50TH ANNIVERSARY WITH EDUCATION, COLLABORATION, AND INNOVATION IN ACADEMIC PHYSIATRY
WHY SHOULD I ATTEND?

THE AAP EXPERIENCE
The AAP Annual Meeting is unique in its focus on fostering meaningful and long-lasting relationships between trainees, educators, thought leaders, and other professionals in physiatry within an intimate and collaborative learning environment. 94% of past attendees would recommend the AAP Annual Meeting to their colleagues!

NETWORK, NETWORK, NETWORK!
75% of attendees come back to the AAP Annual Meeting year after year to reconnect with colleagues, meet new mentors and friends, and come together with other leading minds in physiatry to share ideas, solve common issues, and celebrate accomplishments.

EDUCATION THAT INNOVATES
AAP Annual Meeting faculty are skilled trainers and deliver education that innovates and creatively challenges the way residents, physicians, and departments conduct research, diagnose and treat patients, and stay at the forefront of the specialty.

INDUSTRY TRENDS
AAP’s Exhibit Hall gathers leading companies and organizations that are improving patient care in physiatry through innovative products, services, and education. AAP encourages engagement and collaboration with industry partners to achieve the common goal of improving the lives of physiatric patients.

AAP’S 50TH ANNIVERSARY
2017 marks AAP’s 50th Year Anniversary! Ernest Johnson, MD along with a group of physiatric leaders started the AAP in 1967 and what would become 50 years of improving research and education in physiatry. Join the celebration as AAP looks back on the past 50 years and forward to the next half-century!

EXHIBIT AND SPONSORSHIP OPPORTUNITIES STILL AVAILABLE
The AAP Annual Meeting brings together over 1,000 of the leading minds in physiatry. Participate in AAP 2017 to:
- Meet face to face with the most influential physicians in physical medicine and rehabilitation (PM&R).
- Get in front of up and coming leaders—the future generation of practicing physiatrists.
- Gain brand exposure, expand your network of physiatrists, and become a valued part of the academic physiatry community.

CONNECT WITH AAP:
- aap@physiatry.org
- Association of Academic Physiatrists
- @AAPPhysiatrists AAP2017
- Association of Academic Physiatrists

IMPORTANT DATES:
- Advance Registration Deadline November 3, 2016
- Early Bird Deadline December 15, 2016
- 2017 AAP Annual Meeting February 7-11, 2017

WAYS TO SAVE:
- Save up to $240 by registering before the Advance Registration Deadline - November 3, 2016.
- Become an AAP member and receive discounted registration prices.

Welcome to the 2017 AAP Annual Meeting, the gathering place for the academic physiatry community to connect, collaborate, innovate, inspire, share, and learn.

For fifty years, it has been a tradition of academic physicians to come together at the AAP Annual Meeting - creating an atmosphere of mutual support and collegiality. AAP 2017 continues that legacy and offers attendees a common ground to exchange ideas, information, and cutting-edge research in physiatry.

In addition to 4 keynote speakers and 40 concurrent sessions scheduled, AAP 2017 offers leading research in the form of 500 poster and paper presentations – that's up to 29 CME credits! AAP 2017 truly includes educational programming that caters to all learning needs and interests.

Stand-out sessions include a workplace burnout session, focusing on the ‘balance continuum’ and strategies to avoid burnout; a half day workshop dedicated to career development for women in academic physiatry; and a plenary presentation by Cheri Blauwet, MD, a physiatrist/scientist, advocate, and gold medalist, who recently returned from the Paralympic Games in Rio.

AAP 2017 promises to deliver dynamic and challenging educational programs, an outstanding exhibit hall, opportunities to network and build relationships with celebrated PM&R professionals, and presentations from renowned guest speakers like the Accreditation Council for Graduation Medical Education (ACGME) Chief Executive Officer, Thomas Nasca, MD, MACP and distinguished inventor and engineer, Chad Bouton.

Inside this Preliminary Program you will find out why AAP 2017 promises to be our best Annual Meeting to date. We hope to see you there!
A LOOK BACK ON
50 YEARS

1967-2017

Join the Association of Academic Physiatrists for its 50th Anniversary Celebration at AAP 2017 Las Vegas. Take a trip down memory lane and find photos and memories from the past 50 years weaved throughout this Preliminary Program.

AAP LOGO THEN AND NOW

Bring the family and friends along to AAP 2017 Las Vegas - where the sky is the limit and attractions are a day trip, short walk, or mere steps away from the AAP Annual Meeting hotel.

REGISTER FOR THE 2017 AAP ANNUAL MEETING AT WWW.PHYSIATRY.ORG/REGISTER.

SEE VEGAS. DO VEGAS.

Walk down Las Vegas’ most famous street to immerse yourself in the bright lights, unique buildings, live entertainment, resorts, and restaurants along the Strip.

Observe, learn, and appreciate the massive concrete arch-gravity dam. Select tours offer guided exploration into lesser known parts of the dam.

Experience a total transition from today’s hectic pace of daily life to a tropical oasis of pampered indulgence. The lush surroundings and Las Vegas backdrop offer an unforgettable golfing experience.

Hike, picnic, and view plant and animal life under 3,000-foot-high red rock formations; The Red Rock Canyon National Conservation Area is located 20 miles from Las Vegas.

Dive with sharks, experience the newly opened Sea Monsters Revealed, or feed a stingray, shark, or turtle in the Animal Encounters Program; The Shark Reef Aquarium is home to over 2,000 sea animals.

WOMEN IN PHYSIATRY WORKSHOP - NEW!
A half day workshop within the AAP 2017 schedule will revolve around career development for women in academic physiatry. Interactive sessions will touch on gender disparity, salary negotiation, long and short term goal setting, identifying mentors, personality assessments, and career advancement. See page 18 for details.

PHYSICIAN & RESIDENT WELLNESS
Plenary speaker Thomas Nasca, MD, MACP from the Accreditation Council for Graduate Medical Education (ACGME) will highlight specific resources to support physician and trainee well-being on Thursday morning. On Friday afternoon, Lynne Hughes, Director of Development for the Medical Society of Virginia Foundation, will focus on the ‘balance continuum,’ highlight strategies to avoid burnout, and address unique challenges that residents face.

EXCLUSIVE ADMINISTRATIVE DIRECTOR SESSIONS
Admin Directors will enjoy dedicated sessions at the 2017 AAP Annual Meeting on Wednesday, February 8, 2016. Sessions will address specific topics in Administration. See page 13 for details.

50th ANNIVERSARY CELEBRATION
The Association of Academic Physiatrists will celebrate 50 years of mentorship, leadership, and discovery in academic physiatry at AAP 2017. The academic physiatry community will come together, present a unified voice, celebrate AAP’s accomplishments, and make plans for the next 50 years!
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<tr>
<th>Time</th>
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<td>7:00am - 7:30pm</td>
<td>Breakfast in Exhibit Hall</td>
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<td>Plenary Speaker – Tom Nasca, MD, MACP</td>
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<td>General Sessions</td>
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<td>Women in Academic Physiatry Workshop</td>
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<td>Poster Gallery Reception</td>
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CHERI BLAUWET, MD
IF YOU HAVE A BODY, YOU ARE AN ATHLETE: INCLUSION OF PEOPLE WITH DISABILITIES IN SPORTS
Saturday - February 11, 2017
9:00am-10:00am

Paralyzed from the waist down after a childhood farming accident, Cheri Blauwet, MD is a seven medal Paralympic athlete in the sport of wheelchair racing, competing on Team USA in four Paralympic Games (Sydney ’00, Athens ’04, Beijing ’08, and London ’12.)

She is a two-time winner of both the Boston and New York City Marathons, and a four-time winner of the Los Angeles Marathon. Dr. Blauwet has been nominated for the ESPY Award, the Laureus World Sports Award, and Women’s Sports Foundation Athlete of the Year. In 2004, she won the Paul Hare Leadership Award for emerging leaders, given by the American Association of People with Disabilities.

In the Rio ’16 Paralympic Games, Dr. Blauwet attended as a medical advisor tracking concussions, infections, and blindfolded collisions. She has always considered sports a “platform through which she can promote disability rights and empowerment at an international level.”

Dr. Blauwet graduated from the University of Arizona in 2002, attended Stanford University School of Medicine for Medical School, was chief resident of physical medicine and rehabilitation at the Harvard School of Medicine, and completed her fellowship at McGraw Medical Center of Northwestern University.

Dr. Blauwet is Chairperson of the International Paralympic Committee (IPC) Medical Committee. She is an instructor at Harvard Medical School, a researcher, and a Sports Medicine doctor at Brigham and Women’s Hospital and Spaulding Rehabilitation Hospital in Boston.

Acutely aware of the disparity in mobility accommodations and the stigma associated with disability, Dr. Blauwet promotes disability rights and empowerment to audiences across the globe. An accomplished public speaker, she shares the value of physical activity and the cost society incurs when persons with disabilities cannot participate.

CHAD BOUTON
NEURAL BRIDGING: RECONNECTING MIND AND BODY
Friday - February 10, 2017
9:30am-10:30am

Chad Bouton is the Vice President of Advanced Engineering and Technology at the Feinstein Institute of Medical Research, Managing Director of the Center for Bioelectronic Medicine, and Division Leader for Neurotechnology and Analytics.

Prior to joining the health system, Bouton was a Research Leader at Battelle, the world’s largest nonprofit research and development (R&D) organization. He developed neural decoding methods that allowed the first paralyzed person with a brain implant to regain volitional movement using their thoughts alone (2014) and wheelchair control (2006.) He also developed new signal processing methods to help surgeons find cancerous tissue more quickly and effectively. He spent several years developing RF sensing technology used by multiple medical device companies.

Chad Bouton’s work has been featured in high-profile news programs such as 60 Minutes and TEDx. He holds over 70 patents and has co-authored over 100 scientific publications.

Mr. Bouton received his BS in Electrical Engineering and MS in Engineering Mechanics at Iowa State University. Bouton’s expertise includes bio-sensors, neural prosthetics and decoding, and linear and nonlinear signal processing and control methods.
RESIDENCY & FELLOWSHIP PROGRAM DIRECTORS (RFPD) & PROGRAM COORDINATORS WORKSHOP

PROGRAM DIRECTOR: Alex Moroz, MD

DESCRIPTION: All PM&R residencies and fellowships face similar challenges – the RFPD Workshop and business meeting allow Directors and Coordinators to stay connected to solutions and ideas from leading programs. The RFPD Workshop brings together residency and fellowship program directors, program coordinators, and physicians engaged in teaching for a half day workshop Tuesday afternoon and continues on Wednesday morning.

LEARNING OBJECTIVES:
1. Explore updates and new information provided by ABPMR, ACGME, and NRMP.
2. List and discuss the skills and methods for dealing with challenging residents.
3. Implement roundtable topics and ideas into institutions.

PROGRAM DIRECTOR:
Alex Moroz, MD

TUESDAY – FEBRUARY 7, 2017

12:30pm - 1:00pm
Introductions

1:00pm - 2:00pm
Accreditation Council for Graduate Medical Education (ACGME) Self-Study and Site Visit
Caroline Fischer, MBA

2:00pm - 2:30pm
PM&R Residency Review Committee (RRC) Update
Gerard Francisco, MD

2:30pm - 3:15pm
American Board of Physical Medicine and Rehabilitation (ABPMR) Update
Anthony Chioldo, MD

3:30pm - 4:15pm
Developing PM&R Entrustable Professional Activities (EPA) / Observable Practice Activities (OPA)
Heather Bure, MD; Michael Mallow, MD

4:15pm - 5:00pm
Remediation & 'Problem Residents'
Adina Kalet, MD, MPH

5:00pm - 5:30pm
Resident and Fellow Recruitment
Michael Saulino, MD, PhD

5:30pm - 6:30pm
RFPD Council Business Meeting
Sara Cuccurullo, MD

WEDNESDAY – FEBRUARY 8, 2017

7:30am-8:00am
MORNING COFFEE

8:00am - 9:00am
Table Lottery & Breakfast in Small Groups
RFPD Leaders

9:00am - 12:00pm
Table Rotations - Rotating every 20 minutes, these fast paced table sessions will address hot topics and common issues facing Program Directors and Program Coordinators.

Supported by:
Medtronic

Table # Topic
1 Faculty Development
2 Motivating Faculty
3 Wellness & Burnout
4 Problem Residents & Remediation
5 Preparing for Self-Study & Site Visit
6 Teaching Residents Team & Leadership Skills
7 Faculty Compensation Models
8 Running Clinical Competency Committee (CCC) & Program Evaluation Committee (PEC)
9 Innovation in PM&R Residency Training

12:00pm-12:30pm
Wrap-Up and Reflection
Alex Moroz, MD

Strength can be defined in many ways. At Select Medical, we grow stronger every day, drawing on the strength of our patients, staff, and partners across the country. With a network of 19 rehabilitation hospitals with major academic partners nationwide – we believe in supporting and strengthening residency programs and research that will provide new hope for the future of rehabilitation medicine.

Select Medical is proud to welcome California Rehabilitation Institute to our team. We have joined forces with Cedars-Sinai and UCLA Health to create the new hospital, the largest on the West Coast. With 138 beds, and a team of incredible rehabilitation experts - our network just got stronger. CaliforniaRehabInstitute.com
The evolution of cutting-edge rehabilitation.

For more than 15 years, innovation has been the one constant at the UPMC Rehabilitation Institute and Department of Physical Medicine and Rehabilitation. From growth in inpatient beds, faculty, and fellowships, to growth in research funding that is now $7 million annually, we are continuously strengthening and evolving to ensure that the patients who rely on us receive the best in rehabilitation medicine. And our nationally renowned leadership team of Gwen Sowa, MD, PhD, and Mike Boninger, MD, has fostered an environment of continuous innovation that successfully leads to implementing new ideas, taking research discoveries to the next level, and expanding physiatrist services across UPMC. To learn more, visit UPMCPhysicianResources.com/Rehab.

Gwendolyn A. Sowa, MD, PhD
Chair, Department of Physical Medicine and Rehabilitation

Mike Boninger, MD
Senior Medical Director for Post-Acute Care, Vice President for Medical Affairs
Residents, Fellows, & Medical Students Workshop

Resident Musculoskeletal Bootcamp: Sex Differences in Sports and Musculoskeletal Medicine

PROGRAM DIRECTORS: Monica Rho, MD; Ellen Casey, MD

DESCRIPTION: This full day workshop for medical students, residents, and fellows will introduce a comprehensive didactic approach to evaluating common musculoskeletal conditions in male and female patients. The course features several focused lectures on sex differences in various tissues, regions, and sports performance. A large portion of the workshop will be in a small group format including: demonstration and hands-on practice of common and advanced physical examination maneuvers, running and throwing assessment, performance of key electrodiagnostic studies, and practice with musculoskeletal ultrasound evaluation. There will also be a career development lecture by Heidi Prather, DO.

LEARNING OBJECTIVES: (1) Understand the scope and manifestation of sex disparity in musculoskeletal injury. (2) Integrate knowledge of sex differences in the musculoskeletal system into clinical assessment and treatment. (3) Improve skills in physical examination, ultrasound, and electrodiagnostic testing.

8:00am - 8:15am
Announcements and Welcome
Monica Rho, MD; Ellen Casey, MD

8:15am - 8:45am
Pre-Assessment

8:45am - 9:30am
Small Group Sessions

9:45am - 12:00pm
Small Group Demonstrations & Practice

8:00am - 5:30pm
Resident Musculoskeletal Bootcamp: Sex Differences in Sports and Musculoskeletal Medicine
Learn more about this Bootcamp on page 14.

RESIDENT, FELLOW, & MEDICAL STUDENT EVENTS

Included in resident, fellow, and medical student registration

3:00pm - 4:30pm
Fellowship Panel of Program Directors
Fellowship Directors from a variety of subspecialties and institutions will provide their views on the benefits of pursuing a fellowship, what they look for in candidates, and how to succeed in fellowships. Residents will be able to ask questions directly to the panel members.

1:00pm - 2:00pm
Fellowship Panel
Recent and new fellows from various specialties discuss important questions and steps for new applicants. Topics will include: applications, interview process, and careers afterwards.

10:30am - 12:00pm
Medical Student Roundtables
Medical students ask questions and discuss physiatry with current residents representing a variety of subspecialties, programs, and regions.

5:30pm - 7:00pm
Fellowship & Job Fair
Make a good first impression with fellowship directors and future employers at the Fellowship & Job Fair. Expand your network of opportunities and schedule interviews.

11:00am - 12:00pm
Resident/Fellow Career Pearls
Learn critical career development skills from impressive physiatrists at various career stages. Develop a network of peers and mentors for support throughout your career.

1:00pm - 2:30pm
Finding Work-Life Balance & Avoiding Burnout
This session will focus on what a life in balance and out of balance looks like, the “balance continuum,” and strategies to avoid becoming burned out. It will address the unique challenges that healthcare professionals face and provide resources and daily coping strategies.

3:00pm - 4:30pm
Resident Fellow Council (RFC) Elections
Candidates will present their leadership role bid for the 2017-2018 Resident Fellow Council.

7:00pm - 9:00pm
Resident/Fellow Trivia Night & Networking Event

Supported by:

Medtronic

Residents, Fellows, and Medical Students engaged in hands-on learning at the 2007 AAP Annual Meeting.

Supported by:

Allergan

Attendees gathered in Bonita Springs, FL for a week’s worth of educational content and networking. Here’s a busy-end recruitment-topied 2010 Fellowship & Job Fair. Stop by the AAP 2017 Fair on Wednesday night!
7:00am - 8:00am
NETWORKING BREAKFAST - For all registered attendees

7:00am - 8:00am
NEW MEMBER BREAKFAST - Invitation only

7:30am - 9:00am - GENERAL SESSIONS

7:30am - 8:30am
Residents Yoga Class
Loren Fishman, MD
Please wear clothes you can move in.

8:00am - 8:30am
New Frontiers: Inpatient Comprehensive Rehabilitation after Full Face Transplantation
Matina Babu, PhD, CCC-SLP, BCS-S; Tracy Espaintu McKay, DO
(1) Identify complications associated with full-facial transplantation. (2) Discuss solutions to complications that may be encountered by rehabilitation teams. (3) Explain the importance of early acute rehabilitation in the setting of full-facial transplantation.

8:00am - 8:30am
Scientific Paper Presentations
Learn about the finest research studies submitted for presentation at AAP 2017 by participating in this interactive oral platform presentation for presentation at AAP 2017 by participating scientists.

8:00am - 8:30am
Current Topics in Sports Medicine: Shoulder Injury Evaluation and Management
Jonathan Finnoff, DO, FACSM
(1) Identify the sternoclavicular joint dislocation with higher risk of complication. (2) Determine which types of acromioclavicular joint sprain require surgical intervention. (3) Describe the three types of shoulder impingement.

8:00am - 9:00am
Coming Back from Cancer: Evidence on Treating Pain, Weakness, and Deconditioning in the Survivorship Period
Jennifer Baima, MD
(1) Discuss evidence for breast cancer rehabilitation. (2) Implement application strategies of rehabilitation principles in treating pain, weakness, and deconditioning in less studied cancers. (3) Apply evidence for the benefits of exercise in metastatic disease.

9:00am - 10:00am
PLENARY SESSION: ACGME: Leveraging Resources to Support Physician Well-Being
Thomas Nasca, MD, MACP
(1) Highlight the importance of wellness for the trainee and program. (2) Utilize successful wellness programs to gain information and resources. (3) Identify ways to create a sustainable culture of wellness and mental resiliency among trainees and clinical educators.

10:30am - 10:55am
Supporting the PM&R Academic Mission: A Healthcare System Perspective
Carl Joseph, MD; Kirk Roden, MBA, FACHE
(1) Articulate the importance and value of the PM&R academic mission to hospital based health systems. (2) Discuss the health system’s resources and level of commitment needed to build and maintain health PM&R education and research programs. (3) Provide a case study of an effective and successful academic partnership between a PM&R medical school department and a rehabilitation health system.

10:30am - 12:00pm
Use It or Lose It: The Importance of Exercise
Farah Hameed, MD; Anna-Christina Bevelaqua, MD; Gerardo Miranda-Camalu, MD; William Michels, MD; Walter Frontera, MD, PhD
(1) Apply scientific evidence to differentiate the exercise recommendations for the older and younger adult. (2) Implement a quick strategy to assess a patient’s current physical activity level and readiness to change. (3) Write an exercise prescription for patients with special consideration to age, medical comorbidities, and disability.

12:00pm - 1:30pm
LUNCH IN EXHIBIT HALL
12:30pm - 3:00pm – GENERAL SESSIONS

1:00pm - 2:00pm

Safety and Quality in Cancer Rehabilitation
Michael Stubbelefield, MD; Beth Sarfaty, PT; MBA; Lorin Voratuna, ED; GED, ABPP

(1) Recognize important recent developments in genetic testing, biomarker research, and novel experimental therapies for SMA and ALS. (2) Summarize cutting-edge experimental treatment options for patients with SMA and ALS. (3) Translate scientific knowledge into practical advice suitable for lay audiences and patients.

1:30pm - 3:00pm

Tele-Rehabilitation: Status of Current Research, Clinical Practice, Medicolegal Issues, and Implications for Future
Thu Thongwan, MD; B. Prabhakaran, PhD; Brad Dicianno, MD

(1) Summarize the current clinical and research status in tele-rehabilitation. (2) Identify potential solutions for existing challenges in clinical practice and medical-legal issues. (3) Break down the current and future trends in tele-rehabilitation research.

2:00pm - 3:00pm

Challenges and Rewards of Performing a Comprehensive Survey of Physiatrist Practice Patterns
Mohan Radhakrishna, MD, FRCP; Lailat Satkunam

(1) Develop survey questions of interest to participants. (2) Recognize types of questions attributable to cross-referencing to allow for prediction of future practice changes.

2:00pm - 3:00pm

Movement Matters: Translating Science into Practice for Treatment and Prevention of Patellofemoral Pain and ACL Injuries
Irene Davis, PhD, PT, FACSM, FAPTA, FASB; Ellen Casey, MD; Daniel Herman, MD, PhD, FACSM; Adam Tenforde, MD

(1) Describe the influence of biomechanical factors contributing to ACL injury and patellofemoral pain. (2) Prescribe gait retraining for management of patellofemoral pain and lower extremity injuries designed to promote soft and well-aligned landings. (3) Summarize effective methods to prevent and treat ACL injuries.

3:00pm - 3:30pm - BREAK IN EXHIBIT HALL

3:30pm - 5:00pm – EDUCATIONAL SESSIONS

3:30pm - 4:30pm

New Frontiers in Rehabilitation Robotics
Ethan Rand, MD; Alberto Esquenazi, MD; Joel Stein, MD; Louis Ausad, PT, DPT, PhD

(1) Select the best technologies for clinical robotic programs in their institutions. (2) Choose promising new technologies to implement when available. (3) Avoid selecting technologies that incorporate sophisticated engineering, but lack good usability.

3:30pm - 5:00pm

Improving Workflow and Professional Organization through Handheld Technology
Nicholas Ketchum, MD; Carley Sauter, MD; Sue Abrahms

(1) Identify and implement application use through handheld devices improving organization, efficiency, and access to clinical resources. (2) Identify access points under one platform to improve clinical and administrative efficiency. (3) Implement an educational session to standardize use of technology and improve communication.

3:30pm - 5:00pm

Anterior Cruciate Ligament (ACL) Injuries: Controversies Regarding Risk, Prevention, Treatment, and Rehabilitation
Daniel Herman, MD, PhD, FACSM; Ellen Casey, MD; William Micheo, MD, Eduardo Amy, MD

(1) Employ evidence based approaches in risk assessment, screening, and prevention towards different populations. (2) Apply varying approaches of ACL injury treatment to different populations. (3) Employ recommendations regarding duration of rehabilitation and return to play criteria.

2004 AAP Annual Meeting Attendees enjoyed the warm weather and desert views in Tucson, Arizona. Share your adventures with AAP by placing AAP2017 with every post!

Scan this QR code to register for the 2017 AAP Annual Meeting.
and how it could replace some medications.

neurotechnology. (3) Explain new uses for bioelectronics
activity to movement. (2) Discuss new research in
(1) Describe Neurobridge as a technology to link brain
Chad Bouton
Reconnecting Mind and Body
PLENARY SESSION: Neural Bridging -
9:30am - 10:30am

American Board of Physical Medicine and
Rehabilitation (ABPM&R) Update
Carolyn Kinney, MD; Jill Hallman
(1) Explain the latest ABPM&R Maintenance of Certification
(MOC) innovations. (2) Describe the CertLink Pilot
Project. (3) Recognize the latest developments
and resources for practice improvement.

The Integration of Mobile Clinical Research
and Standard of Care: Implementing
ResearchKit and CareKit
Kirk Roden, MBA, FACHE; Apple Representative
NOT ELIGIBLE FOR CME
(1) Describe the steps to develop clinical research
protocols using mobile technologies with the
integration of standard of care. (2) Provide examples
of effective integration of ResearchKit and CareKit
and its implications to the practice of rehabilitation
medicine. (3) Summarize the state of the art and
future directions of Mobile Clinical Research.

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future directions of Mobile Clinical Research.

General Sessions
to scoliosis, rotator cuff syndrome, and osteoporosis.
(3) Identify causes of neurological conditions: (1) Evaluate challenges faced designing curriculum models of educational opportunities in the clinical vs. technological modes of assessment and prognostication. (2) Assess the impact of biased enrollment in TBI studies on the generalizability of TBI research studies. (3) Discuss the impact of biased enrollment in TBI studies on the generalizability of TBI research studies. (2) Implement referrals for adaptive sports to patients with disabilities. (3) Convey to patients the importance of sports and physical activity for chronic disease prevention.

10:00am - 11:30am
EDUCATIONAL SESSIONS
Assessment and Prognostications in Disorders of Consciousness: Recent Advances
Sunil Khanal, MD; Flora Hammond, MD
(1) Describe the currently available behavioral measures of consciousness and recent technological measures. (2) Describe the available methods of clinical and technological prognostication. (3) Compare and contrast the role, advantages, and disadvantages of clinical vs. technological modes of assessment and prognostication in disorders of consciousness.

10:00am - 11:30am
Concussions: Controversies and Rethinking the Clinical Paradigm
Se Won Lee, MD; Emanuel Lin, MD, PhD; Maulik Purohit, MD, MPH; Grant Iversen, PhD; Jonathan Kirschner, MD
(1) Describe available epidemiology, etiology, contributing factors, presentation, and recent research implications of sports related concussion in different sports and in service members/veterans. (2) Discuss the different factors and etiologies contributing to post traumatic headaches and formulate a treatment plan based on patients' needs. (3) Identify controversies and challenges of sports related and blast related concussion.

10:00am - 11:30am
Curriculum Development in the Age of Milestones and #GenY Learners
Matthew McLaughlin, MD, MS; Kimberly Hartman, MD; Ashlee Bolger, MD
(1) Evaluate challenges faced designing curriculum development for Generation Y learners. (2) Recognize pitfalls where curriculum development prevents adequate skill progression toward improving a trainee's milestone development. (3) Sketch new lecture topics and describe alternative teaching methods to serve as a non-traditional way for Generation Y to learn.

10:30am - 11:30am
Training the Brain: Integrating Physical and Neurocognitive Training for Sport Injury Prevention and Rehabilitation
Daniel Herman, MD, PhD, FACS; Zach Sutton, PT, OCS
(1) Indicate the critical importance of environmental stimulus detection, response selection, and motor execution for injury avoidance. (2) Assess emerging areas of post-concussion assessment that may identify individual athletes who possess elevated injury risk. (3) Incorporate dual-attention tasks and describe alternative teaching methods to serve as a non-traditional way for Generation Y to learn.

12:30pm - 3:00pm
EDUCATIONAL SESSIONS
Implementation of an Administrative Leadership Track in a PM&R Residency Training Program
Cara Camilo, MD, MMM
(1) Develop educational opportunities for residents seeking administrative career positions. (2) Discuss characteristics and teaching strategies for administrative mentorship. (3) Examine various models of administrative opportunities in the curriculum by PGY levels and competencies.
12:30pm - 1:30pm
Rise and Shine: An Update on Management of Disorders of Consciousness (DOC) Patients
Manual Mas, MD, John Whyte, MD, PhD; Craig DiTommaso, MD
(1) Identify various medical and neurological conditions that can mimic or further impair a disorder of consciousness. (2) Apply the knowledge to improve patient care with a structured approach to medical issues in disorders of consciousness, patient, and implement optimal management strategies for the medical complications that can occur in the DOC patient. (3) Prescribe medications to DOC patient based upon new knowledge about the evidence supporting the use of different medications.

12:30pm - 2:00pm
Patient Management and Interaction in the Digital Age: Using Smartphone Apps to Improve Patient Care
Matthew Bartels, MD, MPH; Jeffrey Fine, MD, John Davick, MS
NOT ELIGIBLE FOR CME
(1) Identify existing issues in home based care programs and limitations of current solutions, as well as discuss the new technologies in wearable monitoring and application based solutions that may help overcome these issues. (2) Implement app based solutions and incorporate appropriate wearable devices to document both adherence and achievement of goals into their new electronic records. (3) Apply the app to clinical setting with an ability to identify and implement other technological solutions to improve documentation of exercise program completion, goal attainment, and incorporation of these data into the new electronic health records.

12:30pm - 2:00pm
Hyaluronidase for Muscle Stiffness
Preeti Raghavan, MD; Antonio Stecco, MD, PhD
(1) Evaluate if there is indication of hyaluronidase injection and design an appropriate treatment algorithm accordingly.

1:30pm - 3:00pm
New Guidelines for the Management of Persons with Disorders of Consciousness: Introduction and Implementation
Suneel Kothari, MD; John Whyte, MD; Katherine O’Brien, PhD, Julie Welch, PT
(1) Describe the content of recently developed minimal competency guidelines for the rehabilitation of persons with disorders of consciousness. (2) Discuss how each of the minimal competency guidelines might be implemented in actual clinical settings. (3) Compare different approaches to the concrete implementation of the minimal competency guidelines.

2:00pm - 3:00pm
Graded and Progressive Responsibility in PM&R Residency Training: Fact or Fiction?
Miguel Escallon, MD, PhD; Joseph Herrera, DO; Jeffrey Fine, MD
(1) Interpret and describe examples of graded and progressive responsibilities in PM&R training in the guise of ACGME core competencies. (2) Differentiate the traditional and newer forms of feedback and evaluation methods and how they fall short regarding assessing and giving feedback on progressive and graded responsibility. (3) Utilize tools to ensure improved feedback and evaluation at their own sites.

2:00pm - 3:00pm
Getting Ahead of Traumatic Brain Injury (TBI) Pain Syndromes
Jaime Levine, DO; Heidi Fusco, MD; Kimberly Sackheim, DO
(1) Identify the type of headache affecting a patient following brain injury. (2) Formulate a pharmacological treatment plan for a patient with head pain following brain injury. (3) Utilize and seek out non-pharmacological treatment regimens for their patients when appropriate.

2017 AAP ANNUAL MEETING REGISTRATION
Ways to Register
Online: Register Online at Physiatry.org/Reg2017
Mail Form and Check: 10461 Mill Run Circle, Suite 738, Owings Mills, MD 21117

What You Need to Know about Registration and Ticketed Sessions
- Log in to your AAP member profile to ensure membership discounts.
- Full payment is due at the time of registration.
- Online registrations receive immediate confirmation.
- Mailed registrations will be sent a confirmation within 14 days of receipt.
- If you do not receive a confirmation within 14 days, call 410-654-1000.
- If you are registering on someone’s behalf, log in as that individual, and enter the complete contact information for the individual attendee. Without this information, the registration will not be processed.
- All information must be accurately provided, any registrations with information left blank will not be processed.
- Cancellations and full refund requests must be received in writing by 12/30/16. An administration fee of $50 will be deducted for members; $100 will be deducted for non-members.

No Fees Will be Refunded After December 30, 2016. No Exceptions.

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

Name (First, MI, Last)*
Degree(s)
Institution*
Address*
City* State/Province* Zip*
Email*

Work Phone* (Home) Office

Is this address home or office?  Home  Office

Do you have special dietary needs?  Check the appropriate boxes.  Vegetarian  Vegan  Kosher  Allergen:

REGISTRATION INFORMATION
Not an AAP member? Join today for the lowest registration rates! Physiatry.org/Join

Members: Includes those whose membership is not suspended or expired, or who are purchasing membership at the time of registration. Please check that all memberships are current before sending in registrations. If you are unsure of membership status or category, please call (410) 654-1000. Please log in to receive AAP member discount.

Resident/Fellow/Medical Student: These packages are for residents, fellows, and medical students only. In addition to full AAP Annual Meeting registration, they include the Residents / Fellows Workshop including complimentary lunch, Career Pearls Programs, and events.

Guest: Guest package includes: continental breakfast, lunch, and refreshment breaks, and entrance to the Plenary Sessions and Exhibit Hall. This package cannot be used for a colleague or doctor. This package is meant for a guest, a spouse, or family members only. Participants and guests will not be allowed into the main hall without a name badge.

Full Registration Includes: Access to Educational Plenary and general sessions, continental breakfasts and lunches, Welcome Reception, Poster Gallery Receptions, Closing Breakfast Ceremony, Resident Social Event, Women in Physiatry Workshop, Exhibit Hall access, and more!

Joel A. DeLisa, MD, MS and the Board of Trustees met at the AAP Annual Meeting to discuss the future of the AAP and academic physiatry. Attend a live General Business Session Breakfast at AAP 2017 on Saturday morning.
## Registration Options

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Optional Event: Residency & Fellowship Program Directors Preconference Workshops (RFPD)

- With Full Registration: $125, $200, $275
- RFPD Workshops Only AAP Member: $360, $495, $370
- RFPD Workshops Only Non-AAP Member: $600, $675, $570

Optional Event: Program Coordinators Preconference Workshop

- $125, $200, $275

Other

- Foundation for PM&R 5k Run/Walk: $25/person, $25/person, $25/person
- Guest Package: $225/person, $225/person, $225/person
- Total: $275

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## Payment Methods

Credit Card Payments: We recommend registration with credit card payments be made online.

Academic Partner Voucher Code: Must be used with online registration.

Check Payments: Please list the name of the registrants on the check. Make checks payable to Association of Academic Physiatrists.

## Cancellation & Refund Policy Agreement

Cancellations and refund requests must be received in writing via email at meetings@physiatry.org by 12/30/16. An administration fee of $50 will be deducted for members and $100 will be deducted for non-members. **No fees will be refunded after December 30, 2016.**

No exceptions. Forfeited fees may not be applied to other AAP programs. Substitutions will be accepted if request is made in writing via email to meetings@physiatry.org by 1/15/2017.

Name (Please print)  
Signature - by signing, I accept that I have read the cancellation and refund policy stated above.

## Travel Information

### Hotel

The Delano and Mandalay Bay Resort and Casino will host the 2017 AAP Annual Meeting. Located on the edge of the famous Las Vegas Strip, AAP 2017 hotel and meeting space are all on Mandalay Bay property.

#### Delano Hotel

The Delano is a casino-free, non-smoking, and all-suite hotel connected to the Mandalay Bay Convention Center.

#### Mandalay Bay

The Mandalay Bay Resort & Casino is your all-access hotel to everything fun! Mandalay Bay offers slots and game tables, night clubs, pools, and a Shark Reef Aquarium.

### Room Rates & Reservations

Discounted room rates are reserved for AAP 2017 Annual Meeting Attendees at the Delano Hotel and the Mandalay Bay Resort and Casino. Complimentary will and access to the fitness center are included with all hotel reservations.

Visit physiatry.org/Reservations for more information on how to make your reservations online.

Rates cannot be changed for guests who do not identify their affiliation at the time the reservation is made. It is the attendee's responsibility to receive a written confirmation from the hotel detailing the rate to be charged. AAP attendees need to book their rooms by January 6, 2017 as rate and accommodations cannot be guaranteed after this date. All rooms are subject to availability. Once the block is full, no additional rooms will be available; please book early.

### Thank You to the 2017 Program Committee Members:

Christopher Visco, MD, Chair  
Karen Barr, MD  
Coretha Davis  
Daniel Fechtner, MD  
Christopher Garrison, MD, MBA  
David Gater, MD, PhD  
Marlis Gonzalez-Fernandez, MD, PhD  
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Daniel Herman, MD, PhD  
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Subhadra Nori, MD  
Mooyeon Oh-Park, MD, MS  
Karl Sandin, MD, MPH  
Adam Susmarski, DO  
Maya Therattil, MD, MS

### Thank You to the 2017 Course Directors:

Karen Barr, MD  
John Behzad, MBA  
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