



PRELIMINARY PROGRAM



PHYSIATRY '18

2018 AAP ANNUAL MEETING



Atlanta, Georgia

FEBRUARY 13-17, 2018 | HYATT REGENCY ATLANTA | PHYSIATRY.ORG/AAP2018

ARE YOU IN?

Get INformed: AAP Annual Meeting faculty are skilled trainers and deliver education that innovates and creatively challenges the way physiatry residents, physicians, and departments conduct research, teach & learn, and diagnose and treat patients.

Get INVolved: Meet and learn alongside 1,000+ of the leading minds in physiatry. 75% of attendees come back to the AAP Annual Meeting year after year to reconnect with colleagues, and meet new mentors and friends.

Get INSpired: Five days of education, networking, and fun will leave you feeling inspired, enlightened, and ready to deliver the best possible clinical care, education, and research to improve the lives of rehabilitation patients.

IMPORTANT DATES:

- Early Bird Registration Deadline:** November 9, 2017
- Advanced Registration Deadline:** December 19, 2017
- Physiatry '18:** February 13-17, 2018

GET SOCIAL AT #PHYSIATRY18

Social media opens a door to connect with colleagues, build your professional reputation, and highlight sessions, speakers, and topics discussed at the meeting. Get the latest information about Physiatry '18 and engage with the #physiatry community by using social media:

-  Association of Academic Physiatrists
-  @AAPPhysiatrists
-  Association of Academic Physiatrists
-  aap@physiatry.org

#PHYSIATRY18: Use #Physiatry18 on Twitter for the latest updates & news.



LEADERS IN PHYSIATRY — WELCOME HOME

Whether you are leading a program, project, research study, or you have leadership aspirations – you belong at Physiatry '18.

The AAP Annual Meeting brings together today's leaders alongside the next generation of physiatrists to learn together and form long lasting mentorships, collaborations, and friendships. It is these key interactions that occur at the AAP Annual Meeting that help each attendee grow professionally and also moves us forward as a specialty.

The AAP Program Committee has created a truly outstanding program designed to support your diverse learning needs and interests. We understand that as residents, academic physiatrists, and PM&R professionals, you play many roles from clinical practice, to teaching and mentorship, to administration and more – Physiatry '18 has it all!

Our signature learning pathway showcases Advances in Pain Management. We kick off this theme with a pre-conference workshop highlighting the physiatrists' role in neuromodulation, followed by an exciting plenary session presented by international pain expert Lars Arendt-Nielsen, Prof., Dr. Med., PhD, and you will find special pain sessions weaved throughout our educational program. If you are involved or interested in pain management, you do not want to miss this meeting!

I am excited to share with you this first look at Physiatry '18, February 13-17. Join us to experience the camaraderie, collaborative spirit, and top-notch education with your AAP family in Atlanta - home to the CDC, Emory University, World of Coca Cola, and world famous Southern Charm.



See you in Atlanta!
Christopher Visco, MD
AAP Program Committee Chair

Atlanta, Georgia
FEBRUARY 13-17, 2018



BECOME A VALUED MEMBER OF THE ACADEMIC PHYSIATRY FAMILY
Exhibit or sponsor at Physiatry '18 - A meeting that brings together over 1,000 of the leading minds in physiatry.

- 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 widespread brand exposure and expand your network of healthcare practitioners in physiatry

VISIT PHYSIATRY.ORG/EXHIBIT2018 TO RESERVE A BOOTH NOW

PHYSIATRY '18 HAS IT ALL!

- 5 Hands-on Workshops
- 3 Rock Star Plenary Talks
- 50+ Educational Sessions
- Poster Gallery Networking
- Receptions and more!



SCHEDULE AT A GLANCE

This Preliminary Program has been created to the best of AAP's knowledge at the time of printing. Presentations, times, and schedules are subject to change.

For the most up-to-date schedule, visit Physiatry.org/2018Schedule.



TUESDAY – FEBRUARY 13, 2018	
11:00am – 4:00pm	Registration
TICKET 1:00pm – 5:00pm	Advancing the Physiatrists Role in Neuromodulation Pre-Conference Workshop
TICKET 1:00pm – 6:15pm	Residency & Fellowship Program Directors (RFPD) & Program Coordinators Pre-Conference Workshop
WEDNESDAY – FEBRUARY 14, 2018	
7:00am – 4:00pm	Registration
8:00am – 12:00pm	Residents, Fellows, & Medical Students Pre-Conference Workshop: Procedures in PM&R
TICKET 8:00am – 12:30pm	Residency & Fellowship Program Directors (RFPD) & Program Coordinators Pre-Conference Workshop
TICKET 8:00am – 5:00pm	Advancing the Physiatrists Role in Neuromodulation Pre-Conference Workshop
TICKET 1:00pm – 5:30pm	Teaching Musculoskeletal Ultrasound Education: Faculty Development
1:30pm – 2:30pm	Resident / Fellow Forum: Challenging Spinal Cord Injury (SCI) Cases
TICKET 2:00pm – 5:00pm	Quality / Performance Improvement Workshop: Strategies for the Academic Physiatrist
5:30pm – 7:00pm	Fellowship & Job Fair
THURSDAY – FEBRUARY 15, 2018	
7:00am – 4:00pm	Registration
7:00am – 7:45am	Coffee in the Exhibit Hall
8:00am – 9:00am	PLENARY PRESENTATION with Lars Arendt-Neilsen, Prof., Dr. Med., PhD
9:00am	Poster Gallery Opens
9:00am – 9:30am	Coffee Break in the Exhibit Hall
12:00pm – 1:00pm	Lunch & Learns and Exhibit Hall
1:00pm – 5:00pm	Women in Academic Physiatry – Pearls in Career Development
3:00pm – 3:30pm	Refreshment Break in the Exhibit Hall
5:00pm – 6:30pm	Poster Gallery Reception
6:30pm – 8:00pm	President's Welcome Reception
FRIDAY – FEBRUARY 16, 2018	
7:00am – 4:00pm	Registration
8:00am – 8:30am	AAP Awards Ceremony
8:30am – 9:30am	PLENARY PRESENTATION with Freda Lewis-Hall, MD, DFAPA
9:00am	Poster Gallery Opens
9:30am – 10:00am	Coffee Break in the Exhibit Hall
11:30am – 1:00pm	Complimentary Lunch Provided in the Exhibit Hall
3:00pm – 3:30pm	Refreshment Break in the Exhibit Hall
5:00pm – 6:30pm	Poster Gallery Reception
7:00pm – 9:00pm	Resident / Fellow Networking Event
SATURDAY – FEBRUARY 17, 2018	
7:00am – 10:00am	Registration
7:30am – 8:15am	AAP General Business Breakfast Meeting
8:15am – 9:00am	RMSTP Paper Presentations
9:00am – 10:00am	PLENARY PRESENTATION with Stefano Negrini, MD
10:00am – 10:30am	Break
TICKET 10:30am – 3:30pm	Teaching Spasticity Workshop: A Training for Trainers Series
11:30am – 12:30pm	Lunch on your own
12:00pm – 2:30pm	General Sessions

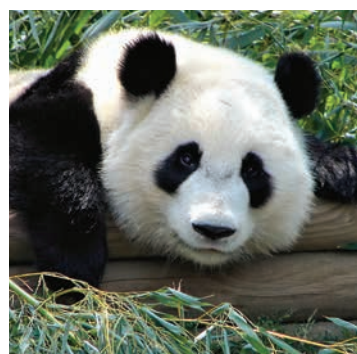
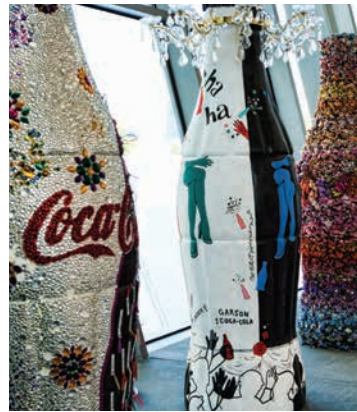


One of the Nation's Best Rehabilitation Hospitals for a Reason

MedStar National Rehabilitation Hospital has been at the forefront of Rehabilitation Medicine for the past 30 years. Our mission of Adding Life to Years® has not only propelled the growth of our hospital, it has also allowed us to take on some of the nation's most complex cases. Driven by our use of the latest technology, our research partnership with Georgetown University School of Medicine, and our nationally recognized Education and Residency program, MedStar National Rehabilitation Hospital continues to strive at providing industry leading inpatient care.



MedStarNRH.org



THINGS TO DO IN ATLANTA

ALLIANCE THEATRE • ATLANTA BELTLINE • ATLANTA BRAVES • ATLANTA FALCONS • ATLANTA HISTORY CENTER • ATLANTA MOVIE TOURS • ATLANTA SYMPHONY ORCHESTRA • ATLANTIC STATION • BICYCLE TOURS OF ATLANTA • CENTENNIAL OLYMPIC PARK • CENTER FOR CIVIL AND HUMAN RIGHTS • CENTER FOR PUPPETRY ARTS • CHILDREN'S MUSEUM OF ATLANTA • CNN STUDIO TOURS • DELTA FLIGHT MUSEUM • FERNBANK MUSEUM OF NATURAL HISTORY • FOX THEATRE • GEORGIA AQUARIUM • HIGH MUSEUM OF ART • HISTORIC OAKLAND CEMETERY • LEGOLAND DISCOVERY CENTER ATLANTA • PHILIPS ARENA • PIEDMONT PARK • SIX FLAGS OVER GEORGIA • SKYVIEW ATLANTA • STONE MOUNTAIN PARK • SWEET AUBURN CURB MARKET • THE VARSITY • WORLD OF COCA-COLA • ZOO ATLANTA

VISIT ATLANTA.NET TO FIND UPCOMING EVENTS AND POPULAR ATTRACTIONS IN ATLANTA.



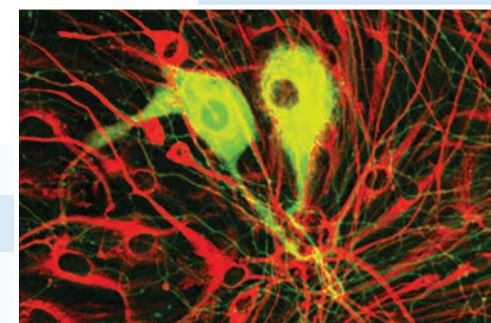
PUSHING THE BOUNDARIES OF REHABILITATION MEDICINE



Penn Physical Medicine and Rehabilitation is delighted to be part of the AAP annual meeting in Atlanta.

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 THE AAP JOB AND FELLOWSHIP FAIR OR CONTACT:

Timothy R. Dillingham, MD, MS

Chair, Department of Physical Medicine and Rehabilitation

Email: Timothy.Dillingham@uphs.upenn.edu

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

 **Penn Medicine**

PLENARY SPEAKERS



Lars Arendt-Nielsen, Prof., Dr. Med., PhD
Director, Aalborg University

The Role of Pain Sensitization in Chronic Musculoskeletal Pain

Thursday – February 15, 2018
8:00am – 9:00am

Dr. Lars Arendt-Nielsen is Founder and Director of the international Center for Sensory-Motor Interaction, the world's largest translational pain research center; and co-founder and head of research & development (R&D) for C4Pain, a research based organization focusing exclusively on clinical trials in pain and inflammation. He has been engaging in pain research, pain education, and pain policy for more than 30 years and in 2007, was knighted by the Danish Queen. Dr. Arendt-Nielsen is the President-Elect of the International Association for the Study of Pain (IASP), Head of the IASP 2010 Global Year Against pain (focus on musculoskeletal pain), head of the IASP grant committee, and founder of the IASP Special Interest Group on Musculoskeletal Pain.



Freda Lewis-Hall, MD, DFAPA
Executive Vice President and Chief Medical Officer, Pfizer Medical

Patient Centeredness

Friday – February 16, 2018
8:30am – 9:30am

Dr. Freda Lewis-Hall serves as Pfizer's Chief Medical Officer and leads Pfizer Medical, the division responsible for the safe, effective and appropriate use of Pfizer medicines and vaccines around the world. Prior to joining the biopharmaceutical industry, she served as Vice Chairperson and Associate Professor in the Department of Psychiatry at Howard University College of Medicine and was an advisor to the National Institute of Mental Health. She launched her medical career as a practicing physician and focused her academic research on the effects of health care disparities and the impact of mental illness on families and communities. Dr. Lewis-Hall is a frequent speaker on (1) improving patient safety and outcomes and (2) reducing stigma and healthcare disparities. She appears regularly on health-related television programs in major global markets, including The Doctors and Dr. Phil. Dr. Freda Lewis-Hall was the inaugural Chair of the NIH's Cures Acceleration Network Review Board and currently serves on the boards of Tenet Healthcare Corporation, Save the Children, Harvard Medical School and the Patient Centered Outcomes Research Institute. She is a director of the Foundation for the National Institutes of Health (NIH) and a member of the Advisory Council for the NIH's National Center for Advancing Translational Science.



Stefano Negrini, MD
Field Director, Cochrane Rehabilitation

Cochrane Rehabilitation Strategy

Saturday – February 17, 2018
9:00am – 10:00am

Dr. Stefano Negrini is an Associate Professor and Chair of Physical and Rehabilitation Medicine (PRM) at the University of Brescia. He is Chief-Editor of the European Journal of Pharmaceutical and Medical Research (EJPRM) and Scientific Director at Rovato Centre of the Care and Research Institute Fondazione Don Gnocchi and the Italian Scientific Spine Institute (ISICO). Dr. Negrini serves on the Editorial Board of Disability and Rehabilitation and actively works in PRM scientific societies including ESPRM; International Society on Spinal Orthopaedic and Rehabilitation Treatment (SOSORT); Italian Study Group on Scoliosis and Spinal Diseases (GSS); and European Academy of Rehabilitation Medicine. Dr. Negrini is the author of 4 Cochrane Reviews and has started a Cochrane Corner in the EJPRM, with systematic publication of Cochrane reviews of PRM interest and reviews of existing PRM contents in Cochrane Database of Systematic Reviews.

#1 in NIH funding

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More than 60 faculty

13 outpatient locations

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One of the largest residency programs in the nation

4 ACGME-accredited fellowships

For more than 15 years, growth and innovation have been constants at the UPMC Rehabilitation Institute and Department of Physical Medicine and Rehabilitation. From inpatient beds, faculty, and fellowships, to research funding, we are continuously strengthening and evolving to ensure that patients receive the best in rehabilitation medicine. To learn more, visit UPMCPhysicianResources.com/Rehab.

UPMC | REHABILITATION INSTITUTE

PRE-CONFERENCE WORKSHOPS

Advancing the Physiatrists Role in Neuromodulation Workshop

Tuesday – February 13, 2018..... 1:00pm – 5:00pm
Wednesday – February 14, 2018..... 8:00am – 5:00pm

Course Director: Michael Saulino, MD, PhD
Description: This practical workshop will introduce physiatrists to the concepts of neuromodulation including a review of neuromodulation history, mechanisms of action, technical aspects of device management, optimizing outcomes with neuromodulation technology, introducing trainees to neuromodulation concepts, and adding research activities to a neuromodulation service line. Participants

will explore neuromodulation for acute and chronic pain, movement disorders, psychiatric indications, and emerging indications.
Faculty: Michael Saulino, MD, PhD; Richard Wilson, MD, MS; Erik Shaw, DO; Salim Hayek, MD, PhD; Ashwini Sharan, MD; Kimberly Sackheim, DO; Steven Falowski, MD
Learning Objectives: (1) Explain neuromodulation principles and how they can be employed in a psychiatry practice. (2) Inculcate neuromodulation into an educational portfolio. (3) Incorporate a research component into a clinical neuromodulation practice.
Price: AAP Member \$550; Non-AAP Member \$750



In partnership with:

Quality / Performance Improvement Workshop: Strategies for the Academic Physiatrist

Wednesday – February 14, 2018..... 2:00pm – 5:00pm

Course Director: Diane Mortimer, MD, MSN
Description: This 3-hour workshop will feature an overview of the Quality / Performance Improvement process, including a discussion of strategies that physiatrists can employ as they optimize the implementation of the QI process in clinical, research, academic, and administrative settings.

Following the overview, participants will break into small groups to operationalize this knowledge by developing individual QI/PI Projects with the help of expert faculty. This workshop is limited to 25 participants.
Faculty: Christopher Garrison, MD, MBA; James Sliwa, DO; Diane Mortimer, MD, MSN
Learning Objectives: (1) Develop QI/PI projects. (2) Examine issues and develop ideas for QI/PI projects in administrative, academic, and research-based PM&R settings. (3) Identify strategies to develop and cultivate QI/PI projects with enduring effects.
Price: AAP Member \$99; Non-AAP Member \$199

Teaching Musculoskeletal Ultrasound (MSK US) Education: Faculty Development

Wednesday – February 14, 2018..... 1:00pm – 5:30pm

Course Directors: Joanne Borg-Stein, MD; Mooyeon Oh-Park, MD
Description: Utilization of musculoskeletal ultrasonography (MSK US) exponentially increased over the past two decades. However, there is a great variability in education of MSK US in Physical Medicine and Rehabilitation (PM&R) Residency programs across the country for the content of education, teaching methods, and evaluation of trainee competency. This workshop focuses on faculty development to improve the teaching skills, evaluation methods, knowledge of advanced MSK US applications, and troubleshooting

ability after the technical pitfalls in MSK US education.
Faculty: Joanne Borg-Stein, MD; Mooyeon Oh-Park, MD; Kentaro Onishi, DO; Kenneth Mautner, MD; Jonathan Kirschner, MD; Christopher Visco, MD; Amit Bhargava, MD, MS; Ashwin Babu, MD; Brandee Waite, MD
Learning Objectives: (1) Discuss educational guidelines of MSK US and implement the information to the PM&R education systematically. (2) Apply evaluation of various forms to assess trainee competency in MSK US. (3) Identify normal and abnormal structures where participants are not familiar with advanced training of MSK US. (4) Implement advanced MSK US skills into practice taking into account the clinical correlation. (5) Acquire knowledge in content and process of evaluation and feedback for further learning in MSK US education. (6) Implement the evaluation in participant’s teaching environment.
Price: AAP Member \$299; Non-AAP Member \$450

Teaching Spasticity Workshop: A Training for Trainers Series

Saturday – February 17, 2018..... 10:30am – 3:30pm

Course Director: Preeti Raghavan, MD
Description: This workshop aims to standardize spasticity training, education, and curriculum in residency and fellowship programs across the country and ensure that the next generation of physiatrists are trained with the highest quality standard of spasticity knowledge and

practice as they begin to treat patients. Workshop sessions will focus on the science of spasticity including new research findings, emerging therapies to improve the quality of life for patients with spasticity, and strategies for medical educators who teach future physiatrists in spasticity management. Complimentary lunch is included in registration fee.
Audience: Residency and fellowship program directors, professors, instructors, clinicians, chairs, and others involved or interested in teaching spasticity.
Price: AAP Members \$149; Non-AAP Members \$199

UAB MEDICINE

PHYSICAL MEDICINE & REHABILITATION

Career Opportunities

The Department of Physical Medicine and Rehabilitation at the University of Alabama at Birmingham is recruiting full-time Faculty positions for Director of Research, TBI Researcher, and Musculoskeletal Medicine. Apply at <http://goo.gl/LzMn2f>

Director of Research

Recruiting Director of Research (M.D. and/or PhD) with experience in clinical research related to Physical Medicine and Rehabilitation. Director will be responsible for leading and growing the Department's research program. The candidate should have experience in designing and writing clinical research as a principle investigator and understand all aspects of the administrative components involved in research with human subjects. It is preferred but not required that the candidate have experience in one/some of the areas of neurorehabilitation (Spinal Cord Injury, Traumatic Brain Injury, Stroke) and/or general physical medicine (Cancer, outcomes, genomics, musculoskeletal, exercise/activity/nutrition for individuals with disability). Appointment rank and tenure will be at a level consistent with the applicant's accomplishments and she/he will report directly to the Chair. Obtaining independent funding in personal interests is expected as well as practicing at some level clinically. The successful candidate is immediately eligible to participate in the department's faculty incentive program focusing on scholarly and teaching activities.

TBI Researcher

Recruiting researcher (M.D., Ph.D., or Psy.D.) with experience in traumatic brain injury research and may include some clinical responsibilities. Appointment rank and tenure will be at a level consistent with the applicant's accomplishments and will include the expectation of current or transition to independent funding. Leadership as a principle investigator of a research program that includes neurorehabilitation interventions and outcomes research related to TBI is strongly preferred. The successful candidate is immediately eligible to participate in the department's faculty incentive program focusing on scholarly and teaching activities.

Musculoskeletal Medicine

Recruiting Board certified/eligible Physiatrist (M.D. or D.O.) with expertise/experience with clinical activities including inpatient and outpatient care for individuals requiring musculoskeletal rehabilitation.

The University of Alabama at Birmingham is the state of Alabama's largest employer and an internationally renowned research university. UAB was recently recognized as an "Up and Coming" institution by U.S. News & World Report for making the most promising and innovative changes in the areas of academics and faculty/student life. We are also consistently ranked among the most diverse universities nationally in The Princeton Review.

Spain Rehabilitation Center is the hub of activities for the Department of Physical Medicine and Rehabilitation. As an integral part of UAB Health System, Spain Rehab has over 50 years of experience as one of the Southeast's foremost providers of comprehensive rehabilitation care.

uab.edu/rehab

UAB is an equal opportunity/affirmative action employer committed to fostering a diverse, equitable and family-friendly environment in which all faculty and staff can excel and achieve work/life balance irrespective of, race, national origin, age, genetic or family medical history, gender, faith, gender identity and expression as well as sexual orientation. UAB also encourages applications from individuals with disabilities and veterans.



Alabama -specifically Birmingham- is the third-best state in America to practice medicine. -Medscape, a division of the WebMD Health Professional Network.

RESIDENCY & FELLOWSHIP
PROGRAM DIRECTORS (RFPD)
& PROGRAM COORDINATORS
WORKSHOP

Course Director: Alex Moroz, MD
Description: All PM&R residencies and fellowships face similar challenges - The RFPD Workshop brings together residency and fellowship program directors, program coordinators, and physicians engaged in teaching for focused education and networking.
Faculty: Alex Moroz, MD; Timothy Brigham, MD, PhD; Gerard Francisco, MD; Anthony Chiodo, MD; Michael Saulino, MD, PhD; Sara Cuccurullo, MD; Vishwa Raj, MD; Gregory Worsowicz, MD, MBA
Learning Objectives: (1) Define burnout and resilience. (2) Provide a negative impact of resident or faculty burnout and a positive impact of resident or faculty resilience. (3) Describe examples of curricular or operational design of a residency/fellowship program that can reduce resident and/or faculty burnout. (4) Raise awareness of collaborative work and heighten appreciation of importance of fatigue, burnout, and its impact on patient care outcomes.

TUESDAY – FEBRUARY 13, 2018

1:00pm – 2:00pm
Accreditation Council for Graduate Medical Education (ACGME) Common Requirements Update
Caroline Fischer, MBA

2:00pm – 2:45pm
PM&R Residency Review Committee (RRC) Update
Gerard Francisco, MD

2:45pm – 3:30pm
American Board of Physical Medicine and Rehabilitation (ABPM&R) Update
Anthony Chiodo, MD

3:45pm – 4:30pm
Resident Recruitment Update
Michael Saulino, MD, PhD

4:30pm – 5:15pm
The Business of Graduate Medical Education (GME)
Vishwa Raj, MD; Gregory Worsowicz, MD, MBA

5:15pm – 6:15pm
Council Business Meeting
Sara Cuccurullo, MD

WEDNESDAY – FEBRUARY 14, 2018

8:00am – 12:20pm
Physician Wellness & Resilience
Timothy Brigham, MDiv, PhD
Chief of Staff and Senior Vice President of Education,
Accreditation Council of Graduate Medical Education (ACGME)

12:20pm – 12:30pm
Wrap Up and Reflection
Alex Moroz, MD

JOINT CHAIR COUNCIL &
ADMINISTRATIVE DIRECTOR
COUNCIL (ADC) PROGRAM

FRIDAY – FEBRUARY 16, 2018

1:00pm – 2:30pm
Physician Burnout
Christopher Garrison, MD, MBA; James Sliwa, DO

2:30pm – 5:30pm
Roundtable Discussions
Table topics will include (1) Quality Metrics Measurements; (2) Recruiting and Retention of Research Faculty; (3) Financial Considerations for Support and Development of an Academic Program; (4) Strategies for Developing Leadership in Your Faculty; (5) Allocating Faculty to Full Time Employees (FTEs) with Relation to the Size of Your Rehabilitation Unit; (6) Funding and Philanthropic Development in Your Department

5:30pm – 6:30pm
Chair Council Meeting

5:30pm – 6:30pm
Administrative Director Council (ADC) Meeting

7:00pm
Joint Dinner for Chairs and Administrative Directors



RESIDENTS, FELLOWS, & MEDICAL
STUDENTS WORKSHOP

Included in resident, fellow, and medical student registration



Procedures in PM&R

WEDNESDAY – FEBRUARY 14, 2018

Program Directors: Samuel Chu, MD; Daniel Cushman, MD
Description: This half day workshop will expose medical trainees to physiatric procedures in a predominantly hands-on fashion. Participants will rotate through four separate stations taught by PM&R faculty across the country. Each station will have a different focus: Electrodiagnostic (EMG) studies, ultrasonographic examination, fluoroscopic spine procedures, and spasticity management procedures.
Learning Objectives: (1) Perform basic procedural skills. (2) Identify common Physiatric procedures, namely eletrodiagnostic testing, ultrasonography, fluoroscopic procedures, and spasticity management procedures.

8:00am – 8:15am
Welcome & Brief Didactic Lecture
Samuel Chu, MD; Daniel Cushman, MD

8:15am – 8:30am
Pre-Assessment

8:30am – 11:30am
Small Group Rotations
STATION 1 Ultrasonography
STATION 2 Fluoroscopic Spine Procedures
STATION 3 Spasticity Management
STATION 4 Electromyography

11:30am – 12:00pm
Faculty Q&A and Wrap Up
Samuel Chu, MD; Daniel Cushman, MD

12:15pm – 1:15pm
Lunch & Spasticity Demonstration
Supported by:



STAY AFTER THE WORKSHOP FOR:

1:30pm – 2:30pm
Challenging International Standards for the Neurological Classification of Spinal Cord Injury (ISNCSCI) Classification Cases
Steven Kirshblum, MD
(1) Explain use of the standardized ISNCSCI. (2) Explain use of the Classification System used following an ISNCSCI examination, to document appropriate level and severity of the spinal cord injury, utilizing standardized terminology and algorithms for calculation. (3) Identify and properly handle challenging classification cases, while simultaneously outlining difficult areas of concern.

Presentation brought to you by:



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.

Want to participate as a recruiter?
Visit www.physiatry.org/FJF2018 to sign up.



EDUCATIONAL OVERVIEW

AAP offers plenary sessions that are intended for a large audience and feature exciting invited speakers, poster and paper presentations discussing pertinent new research results, and interactive educational sessions arranged in 6 tracks:



CLINICAL featuring sessions on lifestyle medicine, spasticity management, tendinopathy, neuromuscular disorders, spina bifida, concussion, spinal cord injury, stroke, neurological disorders, traumatic brain injury, and rehabilitation.



PAIN featuring sessions on hemiplegic shoulder pain, telehealth for pain management, low back pain, arthropathies, and traumatic brain injury syndromes.



RESEARCH featuring sessions on limb loss rehabilitation, motor recovery after stroke, reviewing scientific manuscripts, and achieving research productivity.



ACADEMIC featuring sessions on entrustable professional activities, women in academic physiatry, what resident candidates value in programs, VA Healthcare System, concussion guidelines, health equity, and ethics in PM&R.



ADMINISTRATION featuring sessions on ResearchKit & CareKit, population health management, healthcare reform, service line development, outpatient billing and coding, financial reports, benchmarking, and physician productivity.



RESIDENT / FELLOW featuring sessions on landing your first job, negotiation tactics, application questions, the interview process, and career development skills.



CONCURRENT PROGRAMS

Program for Academic Leadership (PAL) – Academic leadership training directed by William L. Bockenek, MD, CPE. Visit Physiatry.org/PAL to learn how to get involved.

Rehabilitation Medicine Scientist Training Program (RMSTP) – Research training fellowships and research workshop directed by Michael Boninger, MD and John Whyte, MD, PhD. Visit Physiatry.org/RMSTP for details.

THURSDAY - February 15, 2018

7:00am – 7:45am
Coffee in the Exhibit Hall



8:00am – 9:00am
PLENARY PRESENTATION: The Role of Pain Sensitization in Chronic Musculoskeletal Pain
Lars Arendt-Nielsen, Prof., Dr. Med., PhD

9:00am – 9:30am
Coffee Break in the Exhibit Hall

EDUCATIONAL SESSIONS 1 9:45am – 10:45am



9:45am – 10:45am
Wellness in Rehabilitation: Implementing a Comprehensive, Evidence-Based Lifestyle Medicine Program
Jeffrey Krauss, MD; Elizabeth Frates, MD; Marni Hillinger, MD; Jonas Sokolof, DO
(1) Identify key components of lifestyle medicine that may influence recovery after injury or illness including exercise, nutrition, sleep, stress management, relationships, and substance use. (2) Discuss evidence for using lifestyle medicine interventions to improve neurological, musculoskeletal, and cancer rehabilitation. (3) Identify lifestyle medicine programs and practice resources to implement a lifestyle medicine program in a rehabilitation setting.



9:45am – 10:45am
Interdisciplinary Multi-Center Outcomes Database in Limb Loss Rehabilitation: A 5-Year Review
Tamara Bushnik, PhD; Michael Juszczak; Jason Maikos, PhD; Leif Nelson, DPT, ATP, CSCS; Jeffrey Heckman, DO; Jeffrey Cohen, MD
(1) Discuss trends observed in ambulatory and physical capability, psychosocial adjustments, and ethnic/racial disparities in civilians and veterans with lower limb amputation. (2) Discuss the translational impact of the database and how it can influence the interdisciplinary approach to limb loss rehabilitation. (3) Compare and contrast civilian and veteran populations who undergo lower limb amputation.



9:45am – 10:45am
Phenol and Ethanol: An Update for Spasticity Management
Tamara Zagustin, MD
(1) Discuss effectiveness of phenol and ethanol in spasticity management of children and adults. (2) Implement phenol and ethanol injections for spasticity management with the assistance of ultrasound guidance, anatomical landmarks, and neurostimulator to optimize injection technique, effectiveness, and safety. (3) Identify common structures/targets within the musculoskeletal system for optimal spasticity management.



9:45am – 10:45am
Mobile Research Updates: ResearchKit & CareKit
Kirk Roden, MBA; Lina Lander, ScD



9:45am – 10:45am
Anatomy to Outcome: Evidence-Based Review of Regenerative Techniques in Arthropathies
Andrew Gordon, MD, PhD; Joanne Borg-Stein, MD; Arthur DeLuigi, DO; Kentaro Onishi, DO
(1) Select appropriate and effective biologics toward the treatment of various arthropathies. (2) Create optimal biologic preparations to treat arthropathies. (3) Apply knowledge of available rehabilitation and therapy regimens to prescribe rehabilitation program after treatment.



9:45am – 10:45am
Developing a Comprehensive Stroke Recovery Program Utilizing Modified Cardiac Rehabilitation
Sara Cuccurullo, MD; Talya Fleming, MD
(1) Defend the stroke populations need to have a separate outpatient Medicare benefit, outside of the Medicare therapy cap, to fund a Comprehensive Stroke Recovery Program, enhancing patient outcomes and recovery. (2) Explain the advantages of a Comprehensive Stroke Rehabilitation Program with modified cardiac rehabilitation in Cardiac and Stroke populations. (3) List clinical and long term benefits of stroke patients participating in a Comprehensive Stroke Recovery Program.

9:45am – 10:45am
Scientific Paper Presentations

9:45am – 10:45am
 **Resident and Fellow Town Hall**
Current Resident/Fellow Council (RFC) leadership will discuss updates, experiences, challenges, and ideas in an open forum discussion.

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

 **11:00am – 12:00pm**
Advances and Controversies in Botulinum Toxin Therapy for Spasticity
Sheng Li, MD, PhD; Gerard Francisco, MD; Manuel Mas, MD; John McGuire, MD
(1) Enumerate clinical issues in spasticity management with botulinum toxin. (2) Explain and use central effect of botulinum toxin for late motor recovery. (3) Recognize the importance of localization of innervation zones (IZ) and identify the IZ locations of frequently injected spastic muscles.

 **11:00am – 12:00pm**
Using Entrustable Professional Activities (EPAs) to Increase the Quantity and Quality of Observational Assessments in Residency Training Programs
Michael Mallow, MD; Heather Baer, MD
(1) Explain the role of EPAs in medical education. (2) Describe the importance of direct observation of learners. (3) Outline ways to integrate EPAs into current residency curriculum.

 **11:00am – 12:00pm**
Population Health Management
Brad Dicianno, MD
(1) Design and implement a future revenue model based on Population Health Management. (2) Develop a functional predictive revenue model based on Population Health Management data. (3) Implement a strategy to prepare for the coming of Population Health Management.

 **11:00am – 12:00pm**
Point / Counterpoint Discussion: Platelet Rich Plasma (PRP) Injections for Tendinopathy
Byron Schneider, MD; Michael Fredericson, MD; Nitin Jain, MD
(1) Discuss positive PRP outcome research for the treatment of tendinopathy and apply evidence to clinical practice. (2) Discuss negative PRP outcome research and implications on future research and clinical application of PRP. (3) Discuss basic science biology behind the use of PRP for treatment of tendinopathies.

 **11:00am – 12:00pm**
Neuromuscular Disorders and Pain: Arthralgia, Myalgia, and Neuralgia
Sabrina Paganoni, MD, PhD; William Arnold, MD; Nanette Joyce, DO
(1) Identify common orthopedic problems that may lead to pain, differential diagnosis of myalgia, and myopathies commonly associated with symptoms of pain. (2) Discuss patterns of pain associated with various forms of neuropathy. (3) Outline a practical approach to prevent or address common orthopedic issues in neuromuscular disease, treat neuropathic pain, and manage myalgias and cramps.

11:00am – 12:00pm
Scientific Paper Presentations

 **11:00am – 12:00pm**
Fellowship Program Directors Panel
Fellowship Directors from varying 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.

12:00pm – 1:00pm
Lunch and Learns & Exhibit Hall

EDUCATIONAL SESSIONS 3 1:00pm – 3:00pm

 **1:00pm – 1:30pm**
Pediatric Rehabilitation Medicine Fellowships: What Do Fellowship Candidates Value and Seek in Programs?
Stephanie Tow, MD
(1) Identify important and unique features of a program that might be considered when comparing programs. (2) Identify programs most commonly applied to and interviewed at by candidates. (3) Improve application process for Pediatric Rehabilitation Medicine fellowships.

 **1:00pm – 2:00pm**
Trainee Involvement in Interventional Spine Procedures
Byron Schneider, MD; David Kennedy, MD; Venu Akuthota, MD; Aaron Yang, MD
(1) Discuss evidence on the effect of trainee involvement during interventional spine procedures and outcomes such as fluoroscopic time, rates of complications, and patient outcomes. (2) Apply trainee educational tools such as fluoroscopy simulation and educational models. (3) Implement lessons from experienced educators to develop and enhance interventional spine procedure education and training.

 **1:00pm – 2:00pm**
Healthcare Reform
(1) Prepare organization to meet the current and upcoming challenges. (2) Prepare for the health reform changes. (3) Implement the health care reform changes within PM&R.

 **1:00pm – 2:00pm**
Concussions: Legislation, Protocols, and Controversies
Emerald Lin, MD; Stanley Herring, MD; Warren Young, MD
(1) Identify mechanisms of injury and propose different types of clinical presentation of symptoms. (2) Identify risk factors of persistent symptoms and possible signs of overlapping factors unrelated to the original injury. (3) Isolate different protocols and research studies to formulate treatment plans for patients with persistent symptoms.

1:00pm – 3:00pm
Scientific Paper Presentations

 **1:00pm – 4:00pm**
Sports Medicine Fellowship Training Programs: Current State of Fellowship Training
Gerardo Miranda-Comas, MD; Michael Fredericson, MD; Christopher Visco, MD; William Micheo, MD; Kenneth Mautner, MD; Joanne Borg-Stein, MD; Nitin Jain, MD
(1) Define the sports medicine specialist and the role of the PM&R physician. (2) Propose training objectives, competencies, and milestones in sports medicine fellowships. (3) Discuss post-fellowship opportunities. (4) Propose educational and clinical competency measures. (5) Discuss guides to promote effective research during a one-year fellowship program.

 **1:00pm – 5:00pm**
Women in Academic Physiatry: Pearls in Career and Personal Development
Course Directors: Anne Felicia Ambrose, MD; Mooyeon Oh-Park, MD
Faculty: Andrea Cheville, MD; Sara Cuccurullo, MD; Susan Garstang, MD; Marlis Gonzalez-Fernandez, MD; Rita Hamilton, DO; Danielle Perret Karimi, MD; Monica Rho, MD; Heidi Prather, DO; Gwendolyn Sowa, MD, PhD; Carmen Terzic, MD, PhD; Laura Kezar, MD
(1) Identify individual values, short and long term goals, and potential gender-based barriers and implement strategies to overcome those issues. (2) Create concrete short and long term plans for promotion with a realistic timeline and resources. (3) Communicate effectively with supervisors, peers, and collaborators in negotiation.
To sign up for this half day workshop, visit www.physiatry.org/WIAP.

 **1:30pm – 3:00pm**
Challenges in Pediatric Spinal Cord Injury (SCI) Rehabilitation: New Innovations
Subhadra Nori, MD; Yuxi Chen, MD; K. Rao Poduri, MD; Supreet Deshpande, MD; Dona Rani Kathirithamby, MD
(1) Describe common causes of injury and its impact within pediatric age groups. (2) Identify medical issues and their management at both inpatient and outpatient settings. (3) Prescribe pharmacological approaches to spasticity therapy and describe new areas of practice and research currently underway to improve rehabilitation of pediatric patients with SCI.

 **2:00pm – 3:00pm**
The Role of the Physiatrists in Acute Care Management of Trauma
Peter Yonclas, MD; Stephen Hampton, MD
(1) Recognize the value of acute physiatric consultation and the skill sets required to successfully establish a practice. (2) Explain the impact of a physiatrist on acute care of trauma patients. (3) Implement strategies to have a successful acute care trauma consult service.

 **2:00pm – 3:00pm**
Service Line Development – Integrating Care and Collaboration for Better Outcomes
Monica Tietsworth, MBA, CMPE
(1) Identify strategies to promote rehab medicine in service line models. (2) Apply strategies with successfully measured outcomes from service line models. (3) Apply strategies that effectively promote their value and participate in internal or external incentives related to service lines.

 **2:00pm – 3:00pm**
Non-Invasive Brain and Spine Stimulation in Motor Recovery after Stroke and Spinal Cord Injury (SCI)
Nuray Yozbartiran, PT, PhD; Lumy Sawaki, MD, PhD; Radha Korupolu, MD
(1) Describe transcranial direct current stimulation (tDCS) as an alternative method utilized in arm motor function recovery in severe hemiparesis after stroke. (2) Explain the polarity dependent effects of anodal and cathodal stimulation on electrophysiological responses such as somatosensory evoked potentials and Hmax/Mmax ratio. (3) Apply knowledge of clinical effects of increasing corticospinal excitability at cortical and spinal levels and combining them with repetitive training to improve arm and hand functions in patients with incomplete cervical SCI.

2:00pm – 3:00pm

Strategies for Developing a Sports/Spine Service Line
Kirk Roden, MBA; Nadine Knight, MHA

3:00pm – 3:30pm

Refreshment Break in the Exhibit Hall

EDUCATIONAL SESSIONS 4..... 3:30pm – 5:30pm

3:30pm – 4:30pm

Standardizing Screening and Management for Neurogenic Bladder in Children with Neurological Disorders
Heakyung Kim, MD; Shumyle Alam, MD; Hanna Shoval, MD; Lisa Creelman, BSN, RN, CPN

(1) Manage neurogenic bladder in children with neurological disorders. (2) Build a standardized multi-disciplinary team to provide the best care for children with neurogenic bladder. (3) Provide educational programs and resources for caregivers, families, and patients.

3:30pm – 5:00pm

Controversial Issues in Clinical Care of Spinal Cord Injury (SCI)
Steven Kirshblum, MD; Ralph Marino, MD

(1) Explain the use of steroids in SCI and the impact of treating pain after acute injury. (2) Decide when to stretch or not stretch after SCI. (3) Identify when it is appropriate to use functional electrical stimulation (FES) in acute rehabilitation.

3:30pm – 4:30pm

Outpatient Billing and Coding – A Backwards Approach to Bring Your Coding Forward
Jonathan Kirschner, MD

(1) Include appropriate documentation to meet minimum regulatory requirements. (2) Use a 'backwards' algorithmic approach to accurately achieve a given level of service. (3) Apply key phrases and documentation tricks to minimize peer-to-peer calls and denials.

3:30pm – 5:00pm

Getting Ahead of Traumatic Brain Injury (TBI) Pain Syndromes: Medication and Interventional Treatment Options for Headache and Jaw Pain

Kimberly Sackheim, DO; Jaime Levine, DO; Brian Im, MD
(1) Identify the type of headache affecting a patient following brain injury. (2) Formulate a pharmacological / nonpharmacological treatment plan for a patient with head pain following brain injury. (3) Utilize nerve blocks and other injections to help treat patients with certain conditions.

4:30pm – 5:30pm

New Business Opportunities for PM&R Departments
Kirk Roden, MBA

5:00pm – 6:30pm

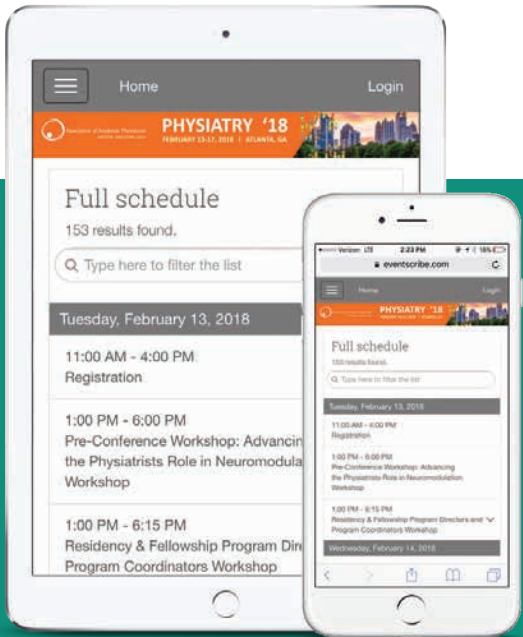
Poster Gallery Reception & Grand Rounds
Interaction and feedback is encouraged as you support the important work of PM&R residents and leading researchers! Learn about the most recent research studies and unique case reports submitted for presentation at Physiatry '18! Light refreshments will be served.

6:30pm – 8:00pm

President's Welcome Reception
All registered attendees are encouraged to join the celebration and kick off the AAP Annual Meeting by enjoying hor d'ouvres, cocktails, and conversation with your AAP family. Attendees will catch up with colleagues from around the globe and visit exhibitors.
Supported by:



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PHYSIATRY '18
ITINERARY PLANNER

AAP has launched the Annual Meeting online Itinerary Planner. It will allow you to easily navigate through all meeting information, presentation details, speaker profiles, and registration.

WWW.PHYSIATRY.ORG/2018SCHEDULE

FRIDAY - February 16, 2018



8:00am – 8:30am

AAP Awards Ceremony

AAP will recognize individuals with outstanding dedication and accomplishments to the field of academic physiatry.



8:30am – 9:30am

PLENARY SESSION: Patient Centeredness
Freda Lewis-Hall, MD, DFAPA

9:30am – 10:00am

Coffee Break in the Exhibit Hall

EDUCATIONAL SESSIONS 1..... 10:00am – 12:00pm

10:00am – 10:30am

Lifestyle Intervention across the Athletic Spectrum: Promoting Sustainable and Effective Behavior Change
Asad Siddiqi, DO

(1) Identify behavioral risk factors for injury at key points along the spectrum of age and intensity of participation. (2) Establish framework for efficient and appropriate clinical assessment of behavioral risk for injury. (3) Identify high-yield target areas for lifestyle intervention and highlight gaps in the evidence base for further research.

10:00am – 11:00am

Career Pearls: Landing Your First Job
Daniel Cushman, MD

Planning the transition from medical school or residency to the next step in your medical career can be daunting. Come learn some valuable skills and lessons to make the step a little easier. Learn critical career development skills from impressive physiatrists at various career stages and develop a network of peers and mentors for support throughout your career.

10:00am – 11:00am

Newer Horizons in Tissue Regeneration in Musculoskeletal Physiatry

Amit Bhargava, MD; Mark Hurdle, MD; Michael DePalma, MD
(1) Apply regenerative medicine advances to daily clinical practice including disc degeneration. (2) Apply recent advances to help select devices for regenerative medicine. (3) Employ and implement the information learned in participant's daily practice.

10:00am – 11:30am

Shifting Resources: Gaining Resources for the Post-Acute Care in a Value Based Medical Model
Kirk Roden, MBA; Carl Josehart

10:00am – 11:30am

Reviewing Scientific Manuscripts: What You Need to Know
Walter Frontera, MD, PhD; Henry Lew, MD, PhD
(1) Identify and explain the steps involved in reviewing a scientific manuscript submitted for peer review to a professional/scientific journal. (2) Discuss characteristics of a well-written manuscript and common mistakes made by the authors. (3) Prepare a reviewer's report to the editor.

10:00am – 11:30am

Telehealth for Pain Management across Rehabilitation Subspecialties
Adam Tenforde, MD; Jaye Hefner, MD; Mary Iaccarino, MD; Sabrina Paganoni, MD; Marca Alexander, MD
(1) Describe the concept of telehealth and populations that can be treated using this technology. (2) Apply telehealth to enhance patient care in management of pain conditions seen in subspecialty care including spinal cord injury, concussion, and musculoskeletal care. (3) Demonstrate how telehealth can be used through case-based format for quality improvement to enhance practice.

10:00am – 12:00pm

Scientific Paper Presentations

11:00am – 12:00pm

Yoga in Physical Medicine and Rehabilitation
Loren Fishman, MD; Erik Groessl, PhD

(1) Prescribe yoga maneuvers for scoliosis, rotator cuff syndrome, and osteoporosis and assess maneuvers efficacy over time. (2) Direct therapists to teach proper yoga poses known to ameliorate and correct scoliosis, rotator cuff syndrome, and osteoporosis. (3) Redirect yoga therapy based on current medical methodologies such as X-rays analyzed by the Cobb method, goniometric measurement and visual analogue assessment, DEXA scans, and bone quality studies.

11:00am – 12:00pm
Career Pearls: Negotiations
This session will focus on negotiating a contract. Learners should walk away with a knowledge of how to review national average salaries, establish your worth, distinguish between ‘need’ and ‘want’, and the importance of a market analysis.

11:30am – 1:00pm
Complimentary Lunch Provided in the Exhibit Hall

EDUCATIONAL SESSION 2 12:30pm – 3:00pm

12:30pm – 1:30pm
Concussion Guidelines: How Can Change in Management Improve Recovery? A Case Presentation
Rosanna Sabini, DO; Kristen Demertzis, PhD
(1) Identify concussion patients early in the assessment who are prone to developing prolonged symptoms. (2) Identify psychological and social influences in concussed patients as well as how early education and counseling in the management can assist in recovery. (3) Define a diagnosis that is contributing to the prolonged concussion symptoms and provide management strategies to maximize return to activities.

12:30pm – 1:30pm
Valuing Our Nation’s Veterans: Teaching Systems Based Practice within the VA Healthcare System
John Norbury, MD; Thiru Annaswamy, MD, MA; Susan Garstang, MD
(1) Define Systems Based Practice and Quality pertaining to resident education. (2) Teach Systems Based Practice and Quality in healthcare at the bedside and in the clinic, both inside and outside of the VA Healthcare System. (3) Identify the strengths and challenges of patient care and education at the horizontally and vertically integrated VA healthcare system.

12:30pm – 1:30pm
Scientific Paper Presentations

12:30pm – 2:00pm
Ultrasound Guided Baclofen Pump Refills: A Novel Technique
Seema Khurana, DO; Diana Mejia, MD; Armen Derian, MD; Jesse Charnoff, MD
(1) Identify patients who would benefit from ultrasound guided refills. (2) Apply knowledge to use the ultrasound machine to refill a pump safely. (3) Implement knowledge of various ultrasound machine techniques to cater to individual patients.

1:00pm – 2:00pm
Fellowship Panel
Recent and new fellows from various subspecialties discuss steps for new applicants and address important questions on applications, interview process, and careers afterwards.

1:00pm – 2:00pm
Chair and Administrative Director Councils Program Physician and Staff Wellness: Preventing Burnout
Christopher Garrison, MD, MBA; James Sliwa, DO

2:00pm – 2:30pm
Using Creativity to Aid Resident Emotional Health
Sara Brown, MEd
(1) Connect with academic faculties to provide residents with untapped activities, writing exercises, and wellness initiatives. (2) Provide specific examples to program and program directors on why it is beneficial to initiate writing-based initiatives during didactics, retreats, etc. as well as resources that connect the residency program to their academic institutions. (3) Initiate writing and journal activities at participants’ institution as an outlet for residency growth but also as a barometer for residency wellness and needs.

2:00pm – 3:00pm
From Neuromuscular to Cardiac Regeneration: The Importance of Consorted Academic Effort in Progression of Regenerative Rehabilitation Field
Kentaro Onishi, DO; Michael Boninger, MD; Carmen Terzic, MD, PhD
(1) Seek involvement in regenerative rehabilitation research. (2) Direct groups to available resources from AR3T meetings. (3) Identify ‘key players’ or experts in musculoskeletal, neurological, and cardiac regenerative rehabilitation research teams.

2:00pm – 3:00pm
Achieving Research Productivity in Musculoskeletal/ Sports and Pain Domains for the Busy Clinician
Michael Fredericson, MD; David Kennedy, MD; Prathap Jayaram, MD; Nitin Jain, MD
(1) Discuss current barriers and solutions to research productivity. (2) Compare simple and complex study designs for the clinical setting. (3) Discuss the current status of ongoing collaboration(s) and how to optimize results.

2:00pm – 3:00pm
Physiatry and Health Equity: From Training to Practice and Policy
Chloe Slocum, MD
(1) Describe health equity and key domains in which health disparities exist for people with disabilities in 2018. (2) Develop strategies to incorporate health equity for people with disability into teaching and learning activities for medical students, residents, fellows, or allied health professionals. (3) Summarize the role of health equity in merit-based incentive payment models and implications for academic physiatrists.

2:00pm – 3:00pm
Scientific Paper Presentations

2:00pm – 3:00pm
Medical Student Roundtables
Medical students ask questions and discuss physiatry with current residents representing a variety of subspecialties, programs, and regions.

2:30pm – 5:30pm
Chair and Administrative Director Councils Program Round Table Discussions

3:00pm – 3:30pm
Refreshment Break in the Exhibit Hall

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

3:30pm – 5:00pm
Enhancing Your Medical School Educational IQ and Putting Your PM&R Skills to Work with Medical Students
Carley Sauter, MD; Laura Kezar, MD; Nethra Ankam, MD; Ravi Kasi, MD; Danielle Powell, MD
(1) Review principles of how and when students are making early career choices. (2) Facilitate identification of teaching and mentoring opportunities in a medical school. (3) Utilize universal learning materials to introduce PM&R and disability education into core curricular and extracurricular activities.

3:30pm – 5:00pm
Getting Needed Equipment for Your Patients: Demystifying the Documentation Process for Complex Rehabilitation Technology (CRT)
Brad Dicianno, MD; Laura Cohen, PhD, PT; Cathy Carver, PT
(1) Identify insurance documentation standards changes and list basic elements necessary in the physician’s portion of the face to face examination and the therapist’s documentation. (2) Name distinguishing features of CRT as

compared to standard Durable Medical Equipment (DME). (3) List unique documentation requirements for CRT.

3:30pm – 5:00pm
Diagnosis, Treatment, and Prevention of Hemiplegic Shoulder Pain (HSP)
Andrew Kirsteins, MD; Vu Nguyen, MD
(1) Identify patients experiencing chronic HSP due to Central Nervous System (CNS) reorganization versus more discrete musculoskeletal issues. (2) Direct therapy team to apply appropriate positioning and therapeutic exercise. (3) Utilize tools and techniques to identify which patients are likely to benefit from percutaneous neuromuscular stimulation.

3:30pm – 5:00pm
Scientific Paper Presentations

3:30pm – 5:00pm
Resident/Fellow Council Elections
Candidates will present their leadership role bid for the 2018-2019 Resident/Fellow Council. Come cast your vote!

5:00pm – 6:30pm
Poster Gallery Reception & Grand Rounds
Interaction and feedback is encouraged as you support the important work of PM&R residents and leading researchers by participating in this interactive session! Learn about the most recent research studies and unique case reports submitted for presentation at Physiatry ’18! Light refreshments will be served.

7:00pm – 9:00pm
Resident / Fellow Trivia Night & Networking Event
Supported by:



ATTEND PHYSIATRY ’18
Earn up to 30 continuing medical education (CME) Credits!

SATURDAY - February 17, 2018



7:30am – 8:15am
General Business Breakfast Meeting
All attendees are encouraged to attend the General Business Breakfast Meeting to learn more about the past year's accomplishments and future initiatives of the AAP.

8:15am – 9:00am
Rehabilitation Medicine Scientist Training Program (RMSTP) Paper Presentations

8:30am – 9:30am
Financial Reports & Dashboards



9:00am – 10:00am
PLENARY SESSION – Cochrane Rehabilitation Strategy
Stefano Negrini, MD

10:00am – 10:30am
Break

EDUCATIONAL SESSIONS 1 10:30am – 12:00pm

(1) Identify factors across the continuum of care that contribute to protracted symptoms of pediatric concussion. (2) Discuss barriers and facilitators to implementing empirically based concussion treatment from the interdisciplinary perspective. (3) Explore ways of optimizing a rehabilitation team's ability to provide high-quality clinical care when faced with inconsistencies in clinical presentation.

10:30am – 11:30am
Evaluating Evidence in Rehabilitation
Charlotte Kiekens, MD; Stefano Negrini, MD

10:30am – 12:00pm
Benchmarking & Physician Compensation: Using FPSC Data
Monica Tietsworth, MBA
(1) Identify and apply quality metrics that will impact physician reimbursement. (2) Create a compensation plan within institution to improve clinical and departmental growth. (3) Compare and contrast academic institutions based on existing benchmarks.

10:30am - 3:30pm
Teaching Spasticity Workshop: A Training the Trainers Series
See page 10 for more details

11:30am – 12:30pm
Lunch on Your Own

EDUCATIONAL SESSIONS 2 12:00pm – 2:30pm

12:00pm – 1:00pm
Admin Director 101
Kirk Roden, MBA; Nadine Knight, MHA; Monica Tietsworth, MBA

12:30pm – 1:30pm
Exercise after Concussion: Controversies and Opportunities
Shirley Shih, MD, MS; Ross Zafonte, DO; Can Ozan Tan, PhD; Mary Iaccarino, MD
(1) Identify exercise-associated changes in neuroplasticity and cerebrovascular function in concussed individuals. (2) Describe neuropsychological benefits of exercise and the safety and feasibility of exercise programs for concussed individuals. (3) Ascertain the appropriate time to initiate an exercise prescription for concussed individuals.

10:30am – 11:30am
Neuropathic Arthropathy and Percutaneous Procedures for Chronic Joint Pain
Sayed Emal Wahezi, MD
(1) Explain available percutaneous techniques for shoulder, hip, and knee osteoarthritis. (2) Explain how nerves modulate arthritis. (3) Recognize candidates for local nerve blocks, Radiofrequency Ablation (RFA), and implantable neuromodulation.

10:30am – 11:30am
The Cost of Low Back Pain
Jonathan Kirschner, MD; Joel Press, MD; Brian White, DO
(1) Counsel patients better on back pain treatment options. (2) Counsel patients in order to make lifestyle changes. (3) Provide better treatment options for patients.

10:30am – 11:30am
Wiffle Ball Challenges: Interdisciplinary Reflections on a Complex Pediatric Case with Protracted Concussion Symptoms (A Video Case Presentation)
Rosanna Sabini, DO; Chris Kudlik, PT; Erica Kaplan, PhD

12:30pm – 1:30pm
Evidence-Based Care for Individuals with Spina Bifida: Updates on the Spina Bifida Healthcare Guidelines
Brad Dicianno, MD
(1) Understand the structure and format of the Spina Bifida Healthcare Guidelines and how to access its content. (2) List reasons for hospitalization and death and the physiatry interventions that can be used in preventive care. (3) Identify the resources needed to incorporate patients into their physiatry practices.

12:30pm – 1:30pm
Graduate Medical Education (GME) at the Intersection of Mind, Brain, and Medical Education
Curtis Whitehair, MD
(1) Recognize ways to support learning through the combined perspective of cognitive science, neurobiology, and education theory. (2) Describe the Kolb Learning Cycle of Experiential Learning Theory and its importance when creating curricula. (3) Identify ways to embrace emotion during the learning cycle.

1:30pm – 2:30pm
Myofascial Pain in the Athlete from Foam Rollers to Trigger Points

Daniel Cushman, MD; Chi-Tsai Tang, MD
(1) Effectively analyze patients for these types of injuries. (2) Obtain another level of knowledge in how to most effectively perform needling therapies. (3) Apply current literature to better understand and implement therapies for athletes.

1:30pm – 2:30pm
Innovations in Outcome Measures for Lumbar Spinal Stenosis
Charles Odonkor, MD, MA; Byron Schneider, MD; Christy Tomkins-Lane, PhD; David Kennedy, MD; Matthew Smuck, MD
(1) Apply new consensus based history items in order to pragmatically identify patients with the clinical syndrome of lumbar spinal stenosis. (2) Discuss and implement current outcomes measures into practice and research. (3) Explain fundamental differences between subjective and objective outcome measures.

1:30pm – 2:30pm
Ethics in PM&R Residency and Practice
Lyn Weiss, MD
(1) Identify ethical principles pertaining to medicine. (2) Apply ethical principles to patient care. (3) Implement ethical principles in physiatric practice.

PROGRAM COORDINATORS PROGRAMMING		
TUESDAY - FEBRUARY 13, 2018	THURSDAY - FEBRUARY 15, 2018	FRIDAY - FEBRUARY 16, 2018
1:00pm – 6:15pm Residency & Fellowship Program Directors and Program Coordinators Workshop	9:30am – 10:00am Welcome, Introductions, and Ice Breaker <i>Nicole Prioleau</i>	10:00am – 11:00am Quality and Safety Improvement Projects <i>Michelle Brock; Tyler Roskos, PhD</i>
WEDNESDAY - FEBRUARY 14, 2018	10:00am – 11:00am Professional Empowerment and Advancement	11:00am – 11:30am ABPM&R Updates
8:00am – 12:30pm Residency & Fellowship Program Directors and Program Coordinators Workshop <i>Timothy Brigham, ACGME</i>	11:00am – 12:00pm ACGME Self Study <i>Marivell Viruet</i>	12:30pm – 1:15pm Using Creativity to Aid Resident Emotional Health Creativity <i>Sara Brown, M.Ed.</i>
1:15pm – 1:30pm Welcome and Introductions of AAP Coordinator Council Members	1:00pm – 2:00pm Introduction to EPA's <i>Michael Mallow, MD; Heather Baer, MD</i>	1:15pm – 2:00pm ACGME Resident Wellness Requirements Update <i>Cindy Volack; Patti Hayden</i>
1:30pm – 2:30pm Coordinators Role in GME Part 1	2:00pm – 3:00pm ERAS Updates	2:00pm – 3:00pm Organization for Residency Program Coordinators <i>Kara Dyer</i>
2:30pm – 3:30pm Coordinators Role in GME Part 2	3:30pm – 4:15pm Workplace Wellness <i>Marni Hillinger, MD</i>	3:30pm – 4:30pm Yoga for Program Coordinators <i>Loren Fishman, MD</i>
5:30pm – 7:00pm Fellowship and Job Fair	4:15pm – 5:00pm Professional Empowerment and Advancement <i>Rita Hamilton, DO; Christopher Garrison, MD, MBA</i>	4:30pm – 5:00pm TAGME/AAP Updates/Wrap Up <i>Cindy Volack</i>

The Medical College of Wisconsin, Inc.

The **Department of Physical Medicine and Rehabilitation** at **The Medical College of Wisconsin** is one of the oldest and longest running PM&R programs in the country. Established in 1951, we have been training residents and fellows for more than 60 years, and have more than 250 alumni. Our department has had many outstanding leaders in physiatry, including **Ray Piaskowski, MD** (1951-1954), **Robert Boyle, MD** (1954-1973), **John Melvin, MD** (1973-1991) and **Timothy Dillingham, MD** (2003-2011). Our current Department Chair, **Diane Braza, MD**, has led the department since 2011, and under her leadership, the department continues to grow and prosper. Our current program includes:

Education

18 Residents (PGY2-PGY4)

4 Fellowships

- Spinal Cord Injury
- Sports Medicine
- Neurorehabilitation & Spasticity Rehab
- Pain Management

Clinical Practice

4 main practices locations

- Children's Hospital of Wisconsin
- Froedtert Hospital
- SpineCare
- Zablocki VA Medical Center

Research

Growing Research Program

- Stroke Rehabilitation Research Center
- Adaptive Sports Rehabilitation
- Community Engagement/Population Health

We are currently recruiting faculty members (**Board Certified/Board Eligible Physiatrists**) for our adult practice including General Physiatry to practice at the Clement J. Zablocki Veterans Hospital and Froedtert Hospital, a Neurorehabilitation specialist to practice at Froedtert Hospital and Pain management physicians to work in our interdisciplinary Pain Management clinic. Interested candidates should contact Diane W. Braza, MD at dbraza@mcw.edu.



PHYSIATRY '18 REGISTRATION



Association of Academic Physiatrists

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REGISTER ONLINE

Physiatry.org/Reg2018

WAYS TO REGISTER

Online: Register online by credit card at www.physiatry.org/Reg2018

Mail Form and Check: 10461 Mill Run Circle, Suite 730, Owings Mills, MD 21117

WHAT YOU NEED TO KNOW ABOUT REGISTRATION AND TICKETED SESSIONS

- Log in to your AAP member profile to receive membership discounts.
- Full payment is due at the time of registration.
- Online registrations receive immediate confirmation; mailed registrations will be sent a confirmation within 21 days of receipt.
- If you do not receive a confirmation within 21 days, call 410-654-1000.
- All information must be accurately provided, any registrations with information left blank will not be processed.
- Cancellations and full refund requests must be received in writing by 12/30/2017. 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, 2017. NO EXCEPTIONS.

BADGE 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*
Work Phone*		Email*
☐ Check if you or a guest require special assistance. Please list. _____		
☐ Dietary Needs - Check the appropriate boxes: ☐ Kosher ☐ Allergen: _____		
Guest 1 Name: _____		Guest 2 Name: _____
Must purchase guest badge		

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 or email meetings@physiatry.org. 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 includes the Residents / Fellows Workshop, Career Pearls Programs, and networking events.

Guest: Guest package includes all attendees meals and 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, select meals and coffee breaks, Welcome Reception, Poster Gallery Receptions, Closing Breakfast Ceremony, Resident Social Event, Exhibit Hall access, and more!

PHYSIATRY '18 REGISTRATION



REGISTER ONLINE
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MEETING REGISTRATION

ANNUAL MEETING	EARLY BIRD		ADVANCED		REGULAR	
	AAP Member	Non-Member	AAP Member	Non-Member	AAP Member	Non-Member
Physician	☐ \$695	☐ \$995	☐ \$770	☐ \$1070	☐ \$845	☐ \$1145
Resident/Fellow	☐ \$440	☐ \$660	☐ \$515	☐ \$735	☐ \$590	☐ \$885
Health Prof./International/Researcher	☐ \$540	☐ \$640	☐ \$615	☐ \$715	☐ \$690	☐ \$790
Admin Director/Program Coordinator	☐ \$415	☐ \$515	☐ \$490	☐ \$590	☐ \$565	☐ \$665
Medical Student	☐ \$225	☐ \$225	☐ \$225	☐ \$225	☐ \$225	☐ \$225
Emeritus	☐ \$225	☐ \$225	☐ \$225	☐ \$225	☐ \$225	☐ \$225
One Day	☐ \$300	☐ \$475	☐ \$375	☐ \$550	☐ \$450	☐ \$625
	September 15 - November 9, 2017		November 10 - December 19, 2017		After December 19, 2017	

PRECONFERENCE WORKSHOPS

	AAP Member	Non-Member
Physician/Health Professional/Researcher Quality/Performance Improvement Workshop Advancing the Physiatrists Role in Neuromodulation Workshop Teaching Musculoskeletal Ultrasound Education Workshop Teaching Spasticity: A Training for Trainers Series Workshop	☐ \$99 ☐ \$550 ☐ \$299 ☐ \$149	☐ \$199 ☐ \$750 ☐ \$450 ☐ \$199
Residency & Fellowship Program Directors (RFPD) RFPD Workshop Only RFPD Workshop Added to Full Registration	☐ \$450 ☐ \$250	☐ \$630 ☐ \$250
Program Coordinators RFPD Workshop Added to Full Registration	☐ \$250	☐ \$250
Residents, Fellows, and Medical Students Resident/Fellow Half Day Workshop	☐ \$0	☐ \$0

ADDITIONAL ITEMS

Rehab 5k Run/Walk & Roll <i>Prices will increase \$10 on-site</i> ☐ \$25 - Physicians ☐ \$15 - Residents/Fellows
Physiatry '18 Guest Package ☐ \$225 - 1 Guest ☐ \$550 - 2 Guests
Total:

TRAVEL INFORMATION

The Hyatt Regency Atlanta will host Physiatry '18. Discounted room rates of \$190/night are reserved for Physiatry '18 Attendees at the Hyatt Regency Atlanta. Complimentary wifi 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 18, 2018** 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.

Staying in rooms at our conference hotels helps AAP offset the costs of meeting space, exhibit hall rental and many other costs associated with the meeting, from tables and chairs to power, air/heat, and lighting. These are sizeable costs to the organization that must be covered. Attendees who stay outside the contracted conference hotels do not help offset these expenses. Additionally, low sleeping room usage at our contracted hotels increases AAP's exposure to financial penalties. Please help AAP keep registration fees down by only making your reservation through the online reservation link, or by calling the hotel directly and requesting the AAP discounted rate.

AAP does not use a third-party housing company, nor will anyone from AAP contact you to reserve your room. Anyone claiming to represent AAP requesting to reserve your room or offer you a lower price, is fraudulent and should be reported to AAP.

THANK YOU TO THE 2018 PROGRAM COMMITTEE MEMBERS

- Christopher Visco, MD, Chair
- Mooyeon Oh-Park, MD, MS, Vice-Chair
- Karen Barr, MD
- Daniel Fechtner, MD
- Daniel Herman, MD, PhD
- James Hill III, MD
- Ashlee Jaffe, MD, MEd
- Melissa Kirk, MD
- Manuel Mas, MD
- Jay Meythaler, MD
- Subhadra Nori, MD
- Monica Rho, MD
- Kirk Roden, MBA
- Kimberly Sackheim, DO
- Karl Sandin, MD
- Raman Sharma, MD
- Maya Therratil, MD, MS
- Cindy Volack

CANCELLATION & REFUND POLICY AGREEMENT

NO FEES WILL BE REFUNDED AFTER DECEMBER 30, 2017.
No exceptions. Cancellations and refund requests must be received in writing via email to meetings@physiatry.org by 12/30/2017. An administration fee of \$50 will be deducted for members and \$100 will be deducted for non-AAP Members. 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 1/12/2018.

Name (Please print)

Signature - By signing, I accept that I have read the cancellation and refund policy stated above.





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REGISTER BY NOVEMBER 9, 2017 FOR EARLY BIRD SAVINGS