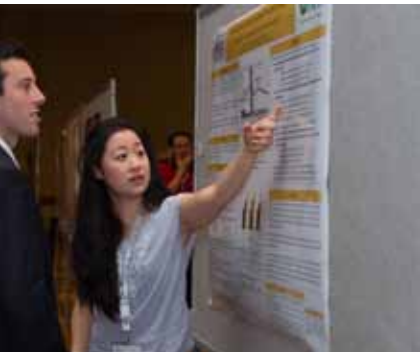


AAP

2014 Annual Meeting
February 25 - March 1, 2014
Renaissance Nashville Hotel Nashville Tennessee

Celebrating Advances in
Physical Medicine & Rehabilitation
Research, Education
Leadership & Clinical Care



PRELIMINARY PROGRAM



Register Today
www.physiatry.org



The AAP invites you to Nashville, Tennessee

to be part of the premier scientific meeting of academic physiatrists, joining over 600 healthcare professionals gathered to advance the practice of PM&R.

The 2014 AAP Annual Meeting promises to bring together clinicians, academicians, educators, scientists, fellows, residents and students to learn from the past and look to the future of Physical Medicine and Rehabilitation (PM&R).

The meeting is packed with educational activities including six tracks focused within the themes of PM&R research, education, and clinical care; four state-of-the-art keynote presentations from distinguished physicians and academicians; and scientific paper presentations along with over 300 poster board presentations showcasing the finest scientific innovations and research.

98.4%

of attendees rate the AAP Annual Meeting as Excellent or Good.

97.6% of attendees would recommend the AAP Annual Meeting to colleagues.

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Hotel Information

Renaissance Nashville Hotel
611 Commerce Street · Nashville, Tennessee 37203 USA

Reservations

A block of rooms is being held for the 2014 AAP Annual Meeting. When making your reservations by phone, please indicate that you are with the AAP to receive the Annual Meeting special rate. Rates cannot be changed for guests who do not identify their AAP 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.

All rooms are subject to availability. Once the block is full, no additional rooms will be available, so please BOOK EARLY.

Toll-Free Reservation Center: 1-800-327-6618
Or, visit www.physiatry.org to make reservations online.

Highlights

The Renaissance Nashville Hotel is in downtown Nashville, Tennessee, perfectly positioned in the heart of the business district. The hotel provides access to many Nashville attractions including Bridgestone Arena, LP Field, B.B. King's Blues Club, Country Music Hall of Fame & Museum, and Historic Second Avenue District.

- Special AAP Room Rate: \$179 / night
- Complimentary in-room and meeting space internet
- In-room Plug-In technology
- Complimentary Access to 24-hour Fitness Center

DAILY SCHEDULE

Tuesday, February 25, 2014

TAGME Certification	9:00 am - 2:00 pm
Residency & Fellowship Program Directors (RFPD) and Program Coordinators Workshop	12:30 - 5:00 pm
Residency & Fellowship Program Directors (RFPD) Council Business Meeting	5:00 - 5:30 pm
Medical Student Educators Council Business Meeting	5:30 - 6:00 pm
RFPD Council and Medical Student Educators Council Dinner	6:00 - 7:00 pm
RFPD Council and Medical Student Educators Council Program	7:00 - 9:00 pm

Wednesday, February 26, 2014

Residency & Fellowship Program Directors Workshop continues	8:00 am - 12:00 pm
Program Coordinators Workshop continues	9:30 am - 5:00 pm
Board of Trustees Meeting	7:00 am - 12:30 pm
Residents/Fellows/Medical Students Workshop	8:00 am - 5:00 pm
AAP Committee Meetings	1:00 - 5:00 pm
RFPD Council 2015 Planning Meeting	3:00 - 4:00 pm
Fellowship and Job Fair	5:30 - 7:00 pm
Chair Council Dinner	6:30 - 7:30 pm
Administrative Directors Council Dinner	6:30 - 7:30 pm
Chair Council Business Meeting	7:30 - 8:00 pm
Research Committee Program	7:30 - 9:00 pm
Chair Council and Administrative Directors Program	8:00 - 9:00 pm

Thursday, February 27, 2014

Continental Breakfast for all registered attendees	7:00 - 7:45 am
Plenary Session I: Bruce M. Gans, MD	8:00 - 8:45 am
Plenary Session II: DeLisa Lecture presented by Story C. Landis, PhD	8:45 - 9:30 am
Scientific Paper Presentations	10:00 - 11:15 am
Courses (A1, B1, C1) begin	11:15 am - 12:15 pm
Lunch and AAP Awards Ceremony	12:15 - 1:15 pm
Courses (A1, B1, C1) continue	1:15 - 4:30 pm
Poster Grand Rounds	4:30 - 5:30 pm
Welcome Reception in Exhibit Hall (<i>open to all registered attendees</i>)	5:30 - 7:30 pm
BAAR Meeting	4:30 - 6:00 pm
Residents/Fellows Council Social Event	8:00 - 11:00 pm

Friday, February 28, 2014

Foundation for PM&R Rehab 5k Run/Walk and Roll	6:30 - 7:30 am
Continental Breakfast for all registered attendees	7:00 - 7:45 am
Courses (A1, B1, C1) continue	8:00 - 10:00 am
Plenary Session III: Erdman Lecture presented by Richard A. Deyo, MD, MPH	10:30 - 11:15 am
Plenary Session IV: RMSTP Paper Presentations	11:15 am - 12:00 pm
Lunch for all registered attendees	12:00 - 1:00 pm
Poster Grand Rounds	1:00 - 2:00 pm
Courses (A2, B2, C2) continue	2:00 - 5:30 pm
Residents/Fellows Council Fellowship Panel	4:30 - 5:30 pm

Saturday, March 1, 2014

Breakfast with AAP General Business Session and Paper/Poster Awards	7:00 - 8:15 am
Plenary Session V: Electrode Store Best Paper Presentations	8:30 - 9:30 am
Plenary Session VI: Stanley A. Herring, MD	9:30 - 10:15 am
Medical Student Information Roundtable	10:30 am - 12:00 pm
Courses (A2, B2, C2) continue	10:30 am - 1:15 pm
APEC Meeting	1:15 - 2:30 pm
Board of Trustees Wrap-up	2:30 - 5:00 pm

DEAR COLLEAGUES

Message from the Program Chair

On behalf of the AAP Board of Trustees and entire Program Committee, I am thrilled to invite you to join us at the 2014 AAP Annual Meeting in Nashville, Tennessee! Five days of cutting-edge science, leading experts, networking, and career opportunities make AAP's Annual Meeting the premier event for PM&R residents and fellows, academicians, clinical physicians, medical students and others who share a common dedication to improving patient care through research, education and advances in clinical care.

Known as Music City and the home of country music, Nashville has a wide range of music venues, historical sites and cultural opportunities. But even with this big city flavor, Nashville has a small town atmosphere and plenty of good old southern hospitality.

Nashville's big city flavor in a small town atmosphere in many ways reflects the culture of the AAP. Past attendees have told us that the rich combination of AAP attendees including distinguished academicians and thought leaders in PM&R; ambitious researchers, young faculty, and clinicians; and our passionate and motivated group of in-training physicians all come together in an intimate environment inspiring a culture of compassion, commitment, and connection.

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They said they left with not only greater knowledge, but also a greater appreciation of Physical Medicine and Rehabilitation and their personal contributions within it so they could become eloquent advocates for the specialty.

Our dedicated Program Committee has developed an exceptional educational and scientific program including plenary lectures by some of the world's leading physiatrists and academicians and a variety of educational track options, hands-on workshops, and focused council programs that you'll find outlined in this program. We also offer numerous networking events including:

Welcome Reception

For the first time, the AAP will host a welcome reception in the Exhibit Hall **sponsored by Vanderbilt University**. All registered AAP Annual Meeting participants are welcome to attend.

Thursday, February 28, 2014 5:30 - 7:30 pm

Refreshments and drinks tickets will be included

Fellowship & Job Fair

Leading PM&R institutions and practices will be showcasing fellowships and job opportunities at this year's fellowship & job fair.

Wednesday February 28, 2014 5:30 - 7:00 pm

Please visit the AAP website to register your institution or practice

Exhibit & Dining Hall

All registered AAP Annual Meeting participants have full access to the Exhibit & Dining hall. Join colleagues and exhibiting business representatives from leading health care companies to network in an informal setting. Breakfast, Lunch, and refreshment breaks are complimentary for all registered AAP Annual Meeting participants Thursday, Friday, and Saturday.



Poster Board Presentations

Over 300 poster board presentations will be located adjacent to the Exhibit & Dining Hall showcasing the most recent PM&R research studies and case reports. Please support the authors' important work by visiting presenters during lunch and refreshment breaks to provide encouragement and feedback.

AAP Awards Luncheon

All registered AAP Annual Meeting participants are invited to attend the banquet style awards lunch. Come help us celebrate the recipients of 2014 AAP Awards including Distinguished Academician, Young Academician, Outstanding Service, Outstanding Public Service, Outstanding Resident and Distinguished Member awards.

Thursday, February 28, 2014 12:15 - 1:15 pm

I do hope you will join us in Nashville for big physiatry flavor in a small town atmosphere and enjoy everything the AAP and this exciting city have to offer!

Sincerely,

Thiru M. Annaswamy, MD, MA
Program Committee Chair

PLENARY SESSIONS



Featured Speaker | Thursday, February 27, 2014 | 8:00 - 8:45 am

Bruce M. Gans, MD joined the Kessler Institute as Chief Medical Officer in 2003, bringing vast experience as a leading clinician, educator, researcher, administrator and advocate. His publications include articles, abstracts and book chapters. He is the Editor of the standard medical textbook on physical medicine and rehabilitation, *Physical Medicine and Rehabilitation: Principles and Practice*, now in its 4th edition, and holds a reputation as a thought leader in his field.

He received his medical degree from the University of Pennsylvania School of Medicine in Philadelphia and completed a residency in physical medicine and rehabilitation medicine at the University of Washington in Seattle. Dr. Gans also earned Master of Science degrees at both the University of Pennsylvania and the University of Washington.

Dr. Gans is board certified in both Physical Medicine and Rehabilitation and electrodiagnostic medicine, and now specializes in the care of adults with childhood-onset disabling conditions, such as spina bifida.

Dr. Gans is active in a number of professional organizations. He is a Board Director of the Foundation for Physical Medicine and Rehabilitation and of the American Physiatric Education Council. He is past president of both the American Academy of Physical Medicine and Rehabilitation and the Association of Academic Physiatrists. He served for 12 years as a Board Director of the American Board of PM&R.

He is a member of numerous additional professional organizations, including the International Society of Physical and Rehabilitation Medicine, the American Medical Association, the New Jersey Society of Physical Medicine and Rehabilitation, the Medical Society of New Jersey and the Essex County Medical Society.

Dr. Gans has received several awards for his work, including the Outstanding Service Award from the Association of Academic Physiatrists, the Brent England Award for Excellence in Rehabilitation Administration from the American Hospital Association, the Rehabilitation Award from the Life Extension Foundation, and the INDE award from the American Medical Rehabilitation Providers Association. He was named the 34th Walter J. Zeiter Lecturer by the American Academy of Physical Medicine and Rehabilitation and has been recognized as a leading physician in the book, *Best Doctors in America*. He has been interviewed on television and national public radio as an expert in this field.



DeLisa Lecture | Thursday, February 27, 2014 | 8:45 - 9:30 am

Story C. Landis, PhD has been Director of the National Institute for Neurological Disorders and Stroke (NINDS) since 2003. A native of New England, Dr. Landis received her undergraduate degree from Wellesley College in 1967 and her PhD (1973) from Harvard University. After postdoctoral work at Harvard University, she served on the faculty of the Department of Neurobiology there. In 1985, she joined the faculty of Case Western Reserve University School of Medicine, where she created the Department of Neurosciences that achieved an international reputation for excellence.

Throughout her research career, Dr. Landis has made fundamental contributions to the understanding of nervous system development. She has garnered many honors, is an elected fellow of the American Academy of Arts and Sciences, the American Association for the Advancement of Science, the Institute of Medicine, and the American Neurological Association and in 2002 was elected President of the Society for Neuroscience.

Dr. Landis joined the NINDS in 1995 as Scientific Director and worked to re-engineer the Institute's intramural research programs. Between 1999 and 2000, she led the movement, together with the NIMH Scientific Director, to bring a sense of unity and common purpose to 200 neuroscience laboratories from eleven different NIH Institutes. As NINDS Director, Dr. Landis oversees an annual budget of \$1.6 billion that supports research by investigators in public and private institutions across the country, as well as by scientists working in its intramural program. With NIMH Director, Dr. Tom Insel, she chairs the NIH Neuroscience Blueprint, a roadmap-like effort to support trans-NIH activities in the brain sciences. In 2007, Dr. Landis was named Chair of the NIH Stem Cell Task Force.

PLENARY SESSIONS

Erdman Lecture | Friday, February 28, 2014 | 10:30 - 11:15 am

Richard A. Deyo, MD, MPH trained as a general internist, and is now the Kaiser Permanente Professor of Evidence-Based Family Medicine and Professor of Medicine at Oregon Health and Science University.

Dr. Deyo is a Deputy Editor of Spine, a member of the editorial board of the Back Group of the Cochrane Collaboration, and co-editor of the book Evidence-Based Clinical Practice: Concepts and Approaches. He has authored or co-authored 300 peer-reviewed scientific articles, mostly concerning back pain. He was a member of the back pain guideline panel for the Agency for Health Care Policy and Research, and the National Academy of Science panel on Musculoskeletal Disorders and the Workplace. In 2004, he received the John M. Eisenberg Award for career achievement in research from the Society for General Internal Medicine. Dr. Deyo has a long-standing research interest in measuring patient function, involving patients in clinical decisions, and managing low back pain. He has recently been studying inappropriate use of medical technology, and the commercial, political, and media forces that affect it.



Featured Speaker | Saturday, March 1, 2014 | 9:30 - 10:15 am

Stanley A. Herring, MD is a board-certified physical medicine and rehabilitation specialist who has been in practice over 30 years. Currently Dr. Herring serves as Director of Sports, Spine and Orthopedic Health for UW Medicine, and he is a clinical professor in the Departments of Rehabilitation Medicine, Orthopaedics & Sports Medicine, and Neurological Surgery at the University of Washington. He is Co-Medical Director of the Seattle Sports Concussion Program, a partnership of UW Medicine, Harborview Medical Center and Seattle Children's Hospital. Dr. Herring serves as one of the team physicians for the Seattle Seahawks and the Seattle Mariners and is a consultant for the Seattle Storm and the University of Washington Sports Medicine Program. Dr. Herring's practice focuses on the diagnosis and management of neurological and musculoskeletal injuries, particularly focusing on spinal disorders in active people and athletes and sports-related concussions.



Dr. Herring has held many national leadership positions, including President of the North American Spine Society, member of the Board of Trustees of the American College of Sports Medicine and Board Member of the Foundation for Physical Medicine & Rehabilitation. He is also a founding member of the Physiatric Association of Sports, Spine & Occupational Rehabilitation and the American Medical Society for Sports Medicine. He is a member of the NFL Head, Neck and Spine Committee, and chair of the Medical Advisory Committee for USA Football. He is also a member of the Medical Advisory Board for Pop Warner Football. Dr. Herring serves on the editorial boards of professional journals and has been an editor of eight textbooks, as well as contributor to 57 professional medical journal articles and 48 textbook chapters. In addition, Dr. Herring is a frequent national and international speaker on a variety of physiatric and sports medicine topics.

RMSTP Paper Presentations | Friday, February 28, 2014 | 11:15 am - 12:00 pm

Selected fellows from the Rehabilitation Medicine Scientist Training Program (RMSTP) will present their most recent research endeavors.

Electrode Store Best Papers | Saturday, March 1, 2014 | 8:30 - 9:30 am

The winners of the Electrode Store Best Paper competition will present their research studies in the Medical Student, Resident, Fellow, and Faculty categories.

EDUCATIONAL TRACKS

For full educational session details, please visit www.physiatry.org

A1: Positioning Academic PM&R in the Next Phase of Affordable Care Act (ACA) Implications - Institutional Level

Attendees will learn the methodology required to assess the quality of clinical care provided in one's institution as well as how to work in multi-disciplinary teams to improve it. Attendees will be provided with (a) an understanding and vocabulary of basic concepts of patient safety; (b) a tool kit and examples on how to apply quality improvement methodology; (c) a description of the role for research in patient safety and quality of rehabilitative care; (d) strategies on how to engage residents in quality improvement projects; and (e) a description of accountable care organizations and their potential role in rehabilitation medicine at the institutional level.

Program Director: Adrian Cristian, MD, MHCM

Target Audience: All attendees

Educational Level: Comprehensive | **Educational Method:** Lecture; Forum; Workshop

Objectives:

- Develop a framework for thinking about how and why the health care delivery system is dangerous and in need of safety and quality improvement
- Learn the key characteristics of leaders who care about both safety and quality and what the rehabilitation organization needs to do to ensure that safe and high quality care is provided
- Understand the basic principles of quality improvement methodology and quality metrics as applied to rehabilitation medicine
- Become familiar with the role of rehabilitation medicine in accountable care organizations
- Understand ACGME requirements as applied to patient safety and quality of care in PM&R residency programs and identify strategies to educate, assess, and engage residents in quality improvement projects and clinical research

THURSDAY, FEBRUARY 27, 2014

11:15 - 11:45 am	Improving Safety and Quality in Medical Rehabilitation: The Role of Academic Departments	Bruce M. Gans, MD
1:15 - 2:45 pm	The Culture of Leadership, Quality, and Safety: Does Your Organization Have it?	Christine M. MacDonell, MD
3:00 - 4:30 pm	Metrics of Patient Safety and Quality in Rehabilitation Medicine: What Should be Measured and How?	Allan Frankel, MD

FRIDAY, FEBRUARY 28, 2014

8:00 - 8:30 am	Rehabilitation Medicine Initiatives and Accountable Care Organizations	Michael L. Boninger, MD
8:30 - 9:00 am	Research in Patient Safety and Quality Improvement for the Busy Clinician	Steven C. Kirshblum, MD
9:00 - 9:30 am	Educating and Engaging PM&R Residents on Patient Safety and Quality Improvement in Rehabilitation Medicine	Adrian Cristian, MD, MHCM
9:30 - 10:00 am	Question and Answer Session	

EDUCATIONAL TRACKS

For full educational session details, please visit www.physiatry.org

A2: Healthcare Reform (ACA) & Implications for Academic PM&R: How Will it Affect Me?

Attendees will learn what the Patient Protection and Affordable Care Act (PPACA) means for academic PM&R practices and how it will potentially affect academic PM&R units in regards to (a) education; (b) research; and (c) clinical services. Health care system models such as ACOs, Patient Centered Medical Homes, Bundled Payment Systems, etc will also be explored to gain perspective on experiences and strategic suggestions.

Program Director: Justin T. Hata, MD | **Program Facilitators:** Joseph E. Herrera, MD; Christopher J. Garrison, MD, MBA
Target Audience: Department Chairs, faculty, department/hospital administrators, fellows and residents.
Educational Level: Comprehensive | **Educational Method:** Lecture; Symposium; Panel Discussion

Objectives:

- Understand key aspects of the Patient Protection and Affordable Care Act (PPACA), including terminology
- Become familiar with various models for healthcare delivery (ACO, PCMH, Bundled payments, etc.)
- Develop a solid understanding of implications of healthcare reform on PM&R research, education, and clinical care

FRIDAY, FEBRUARY 28, 2014

2:00 - 2:40 pm	The Handwriting on the Wall - What is the ACA?	James T. McDeavitt, MD
2:40 - 3:20 pm	What Does the Future Hold for (PM&R) Research: PCORI, NIH Blue Ribbon	Leighton Chan, MD, MPH
3:45 - 4:20 pm	Impact of Healthcare Reform on Academic PM&R Practices / Departments	John L. Melvin, MD
4:25 - 4:50 pm	Healthcare Reform and How it Affects Academic PM&R	James T. McDeavitt, MD Leighton Chan, MD, MPH John L. Melvin, MD
4:50 - 5:30 pm	Patient Centered Home Experience - Challenges and Next Steps	Gerard E. Francisco, MD

SATURDAY, MARCH 1, 2014

10:30 - 11:15 am	Bridging the Transition of Healthcare Reform	Gregory M. Worsowicz, MD, MBA
11:15 am - 12:00 pm	Bundled Payments: Issues & Experience	Adam B. Stein, MD
12:00 - 12:45 pm	ACO Prototypes in Academic Medicine: Past, Present, and Maybe Future?	M. Elizabeth Sandel, MD
12:45 - 1:15 pm	Model Systems to Survive Now & In the Future	Gregory M. Worsowicz, MD, MBA Adam B. Stein, MD M. Elizabeth Sandel, MD Gerard E. Francisco, MD

EDUCATIONAL TRACKS

For full educational session details, please visit www.physiatry.org

B1: Central Trauma

Program Director: Anne F. Ambrose, MD; Maya R. Therattil, MD
Target Audience: All attendees
Educational Level: Comprehensive | **Educational Method:** Lecture; Symposium

Objectives:

- Provide an update in the management of rehabilitation of patients with TBI and SCI
- Provide an update in the surgical management of patients with TBI and SCI
- Develop an understanding of trauma rehabilitation of special groups including athletes, elderly, and children

THURSDAY, FEBRUARY 27, 2014

11:15 - 11:30 am	Rehabilitation Following Disabling Trauma: Introduction	Kristjan T. Ragnarsson, MD
11:30 am - 12:15 pm	TBI - Updates in Sports Injury Rehabilitation	Ross D. Zafonte, DO
1:15 - 2:00 pm	TBI - Innovations in Cranial Neurosurgery (Shunts, Cranioplasty)	Tanvir F. Choudhri, MD
2:00 - 2:45 pm	Management of Trauma Patient in the ICU Setting	Dale M. Needham, MD, PhD
3:00 - 3:45 pm	Vestibular Rehab in TBI	Sujana S. Chandrasekhar, MD, FACS
3:45 - 4:30 pm	Aging with TBI	Steven R. Flanagan, MD

FRIDAY, FEBRUARY 28, 2014

8:00 - 8:45 am	SCI - Innovations in Spinal Surgeries, Shunts and Spasticity Pumps	Tanvir F. Choudhri, MD
8:45 - 9:30 am	Updates in SCI Rehabilitation	Steven Kirshblum, MD
9:30 - 10:00 am	Updates in Pediatric Rehabilitation	

EDUCATIONAL TRACKS

For full educational session details, please visit www.physiatry.org

B2: Traumatic Peripheral & Brachial Plexus Injuries

Program Director: Joseph H. Feinberg, MD
Target Audience: All attendees
Educational Level: Comprehensive | **Educational Method:** Lecture; Symposium; Panel Discussion

Objectives:

- Learn how to approach electrodiagnostics for traumatic nerve injuries including timing and proper nerves and muscles to test
- Understand how electrodiagnostics guide surgical options, prognosticate outcome and demonstrate neurological recovery
- Understand the proper imaging techniques for different nerve injuries (MRI vs CT; myelogram vs. ultrasound)
- Explore rehabilitation challenges & approaches following nerve reconstruction and tendon transfer
- Review neuroanatomy and options in nerve reconstruction
- Learn how to manage patients with nerve injuries

FRIDAY, FEBRUARY 28, 2014

2:00 - 3:30 pm	Electrodiagnostic Evaluation of the Traumatic Nerve Injury	Joseph H. Feinberg, MD
3:45 - 4:55 pm	Role of Imaging: MRI, CT Myelogram and Ultrasound	Darius P. Melisaratos, MD
4:55 - 5:15 pm	Surgical Anatomy Video - Video of Anatomy and Nerve Transfers	Scott Wolfe, MD
5:15 - 5:30 pm	Question and Answer Session	

SATURDAY, MARCH 1, 2014

10:00 - 11:15 am	Surgical Options in Nerve Reconstruction & Tendon Transfers	Steve Lee, MD
11:15 am - 12:15 pm	Occupational Therapy	Alex Mackenzie, OT
12:15 - 1:00 pm	Case Presentations & Panel Discussion	Steve Lee, MD Alex Mackenzie, OT Joseph H. Feinberg, MD Darius P. Melisaratos, MD
1:00 - 1:15 pm	Question and Answer Session	

EDUCATIONAL TRACKS

For full educational session details, please visit www.physiatry.org

C1: Rehabilomics Concepts and Applications for Personalized Rehabilitation Medicine and Research

Program Director: Amy K. Wagner, MD
Target Audience: Researchers, All attendees
Educational Level: Comprehensive | **Educational Method:** Lecture; Symposium

Objectives:

- Review the need for biologically driven clinical research in rehabilitation and the process and capacity needs for Rehabilomics research
- Provide an overview of the ICF Framework and links to community health and chronic disability models
- Explore funding avenues and mechanisms
- Learn EMR tools for genome-informed prescribing and personalized medicine and comparative effectiveness research
- Provide an overview of the platforms, methods and research design processes for genetics/genomics research
- Review clinical care biomarker pipeline process and assay platform development
- Demonstrate transformational programs for personalized medicine and research

THURSDAY, FEBRUARY 27, 2014

11:15 am - 12:15 pm	Rehabilomics: Conceptual Framework	Amy K. Wagner, MD
1:15 - 2:00 pm	EMA and EMR Tools for Personalized Medicine and Comparative Effectiveness	Josh F. Peterson, MD, MPH
2:00 - 2:30 pm	Genomics / Genetics Principles for Biomarker Research	Yvette Conley, PhD
2:30 - 3:00 pm	Telehealth and Rehabilitation Technology for Rehabilomics Support and Applications	Brad E. Dicianno, MD
3:00 - 3:30 pm	Chronic Biomarker Discovery, Bioinformatics & Assay Platforms for Rehabilomics Research	Kevin Wang, PhD
3:45 - 4:15 pm	MSK Rehabilomics Research and Applications	Gwendolyn A. Sowa, MD, PhD
4:15 - 4:45 pm	Genetic and Proteomic Studies Evaluating Risk for TBI Relevant Complications	Amy K. Wagner, MD

FRIDAY, FEBRUARY 28, 2014

8:00 - 8:30 am	Biomarker Based Tools for Evaluating SCI Induced Osteopenia and Autoimmunity	Leslie R. Morse, DO
8:30 - 9:15 am	Transformational Programs for Personalized Medicine Research	Joshua C. Denny, MD, MS
9:15 - 10:00 am	Personalized Medicine Research Tools Demonstrations including Bioinformatics Tools for Systems Based Biomarker Discovery; High Throughput Platforms; Building a Genetics Registry; Big Data Management Tools; Comparative Effectiveness Research Tools; and Real-Time Population Management Tools	

EDUCATIONAL TRACKS

For full educational session details, please visit www.physiatry.org

C2: Frontiers in Interventional Physiatry

Program Director: Michael F. Saulino, MD, PhD

Target Audience: All attendees

Educational Level: Comprehensive | **Educational Method:** Lecture; Symposium; Panel Discussion

Objectives:

- Identify novel biologic techniques for biologic based therapy in low back pain
- Describe percutaneous decompression techniques for lumbar spinal stenosis
- Recognize novel targets for neurostimulation
- Explain the potential utility of cryoablation
- Review the current status of intrathecal therapy

FRIDAY, FEBRUARY 28, 2014

2:30 - 2:45 pm	Introduction to Interventional Physiatry	Michael F. Saulino, MD, PhD
2:45 - 3:30 pm	Frontiers in Biologic Therapy for Discogenic Low Back Pain	Kevin J. Pauza, MD
3:45 - 4:30 pm	Frontiers in Percutaneous Lumbar Decompression	Thomas R. Haley, DO
4:30 - 5:15 pm	Frontiers in Cryoablation Therapy	Jacqueline S. Weisbein, DO
5:15 - 5:30 pm	Panel Discussion	

SATURDAY, MARCH 1, 2014

10:30 - 11:15 am	Frontiers in Intramuscular Stimulation	Richard Wilson, MD, MS
11:15 am - 12:00 pm	Frontiers in Spinal Cord Stimulation	Mehul J. Desai, MD, MPH
12:00 - 12:45 pm	Frontiers in Intrathecal Therapy	Michael F. Saulino, MD, PhD
12:45 - 1:15 pm	Panel Discussion	

WORKSHOPS

For full educational session details, please visit www.physiatry.org

RFPD: ACGME's Next Accreditation System & Assessing the Milestones

Residency & Fellowship Program Directors and Program Coordinators will participate in an interactive forum to continue to prepare for the Next Accreditation System (NAS) & the Milestones. The Milestones Task Force groups will share progress in developing tools to help assess the Milestones in areas of Interpersonal Skills and Communication, Medical Knowledge, Patient Care, Practice Based Learning, Professionalism, and Systems Based Practice. Additionally, attendees will be provided updates and developments from the ACGME and RRC, the ABPMR, and Resident Recruitment (NRMP).

Program Director: Sara J. Cuccurullo, MD
Target Audience: Residency & Fellowship Program Directors and Program Coordinators
Educational Level: Comprehensive | **Educational Method:** Lecture; Forum; Workshop

TUESDAY, FEBRUARY 25, 2014

12:30 - 1:00 pm	PM&R Milestone Task Force Overview	
1:00 - 1:30 pm	Milestone Group A Tool Presentation - Professionalism	
1:30 - 2:00 pm	Milestone Group B Tool Presentation - Patient Care	
2:00 - 3:00 pm	Faculty Development for Assessing the Milestones	Donald Brady, MD
3:30 - 5:00 pm	ACGME / RRC Update	Teresa L. Massagli, MD
5:00 - 5:30 pm	RFPD Council Business Meeting <i>(open to all registered meeting attendees)</i>	
5:30 - 6:00 pm	Medical Student Educators Council Business Meeting <i>(open to all registered meeting attendees)</i>	
6:00 - 7:00 pm	RFPD Council and Medical Student Educators Council Dinner <i>(optional event - purchased ticket required)</i>	
7:00 - 9:00 pm	RFPD Council and Medical Student Educators Council Program <i>(open to all registered meeting attendees)</i>	

WEDNESDAY, FEBRUARY 26, 2014

8:00 - 8:45 am	ABPM&R Update	Karen J. Kowalske, MD
8:45 - 9:30 am	Resident Recruitment	Michael F. Saulino, MD, PhD
9:30 - 10:00 am	Milestone Group C Tool Presentation - Systems Based Practice	
10:30 - 11:00 am	Milestone Group D Tool Presentation - Medical Knowledge	
11:00 - 11:30 am	Milestone Group E Tool Presentation - Interpersonal Skills and Communication	
11:30 am - 12:00 pm	Milestone Group F Tool Presentation - Practice Based Learning	

WORKSHOPS

For full educational session details, please visit www.physiatry.org

Residents / Fellows / Medical Students Workshop

Program Directors: James F. Wyss II, MD, PT; Eric M. Wisotzky, MD
Target Audience: Residents, Fellows, and Medical Students
Educational Level: Comprehensive | **Educational Method:** Workshop

Conference Workshop | Wednesday, February 26, 2014: 8:00 am - 5:00 pm

The Residents / Fellows / Medical Students Workshop will focus on diagnostic dilemmas and how to differentiate pathology with overlapping symptoms. The workshop will address the need for a detailed history, comprehensive physical examination, diagnostic tests (e.g. imaging studies, EMG/NCS, musculoskeletal ultrasound) for more specific and accurate musculoskeletal diagnosis, patient-centered care, evidence-based practice, and quality improvement techniques. Attendees will receive hands-on practice and gain additional skills in electrodiagnosis and musculoskeletal ultrasound and will learn a wide variety of unconventional career opportunities in PM&R.

Social Event

In training AAP Annual Meeting attendees will have the opportunity to network and catch up with colleagues and friends during the annual Residents/Fellows Council Dinner & Social Event.

Fellowship Panel

This one-hour panel discussion with current and recent fellows will provide residents with information regarding the fellowship application process. Panelists will represent different types of fellowships and a variety of institutions. Application timeline, logistics, and other applicable information will be covered. Residents will have the opportunity to pose questions to panelists.

Medical Student PM&R Interest Session | Saturday, March 1, 2014: 10:30 am -12:30 pm

Medical Students interested in learning more about the field of Physical Medicine and Rehabilitation should attend this informal session. Students will mingle with PM&R residents from programs across the country and will have the opportunity to ask questions about PM&R residencies.

Program Coordinators Workshop

Preconference Workshop | Tuesday, February 25, 2014: 12:30 - 5:00 pm | Wednesday, February 26, 2014: 8:00 - 5:00 pm

Attendees will join with Residency & Fellowship Program Directors to participate in an interactive forum to continue to prepare for the ACGME's Next Accreditation System (NAS) and the Milestones. Coordinators will break off to participate in additional focused educational sessions designed specifically for Program Coordinators.

Conference Workshop | Thursday, February 27, 2014 - Saturday, March 1, 2014

Following the preconference workshop, Program Coordinators will reconvene for a series of educational sessions including PIF and the Site Visit, Quality Improvement, Working Relationships, ABPMR Update, and more. Program Coordinators will also have the opportunity to network and share Best Practices.

Administrative Directors Workshop

Conference Workshop | Thursday, February 27, 2014 - Saturday, March 1, 2014

Dinner | Wednesday, February 26, 2014: 6:30 - 7:30 pm (*optional event - purchased ticket required*)

Joint Council Program | Wednesday, February 26, 2014: 8:00 - 9:00 pm (*open to all registered meeting attendees*)

The Administrative Directors Workshop will offer expert speakers in the following areas: Healthcare Reform, Provider Compensation; Productivity Standards/Benchmarks; Global Rehabilitation Opportunities; CQI Initiatives; Marketing/Development; Research Overview; Business Training for Residents; Strategic Planning; Key Management Reports/Dashboards. Prior to the workshop, there will be a networking dinner and a joint program with the AAP Chair Council (*see following page for more details*).

COMMITTEE & COUNCIL PROGRAMS

For full educational session details, please visit www.physiatry.org

Research Committee

Getting Scientific Breakthroughs to Those Who Need It: Translation in Rehabilitation Research

The Research Council Program will provide participants a greater knowledge of how to take their research from exploration to the bedside to improve patient-centered care. Each participant will receive advice about advancing their own program of research.

Program Director: Richard Wilson, MD, MS | **Target Audience:** Rehabilitation Researchers

Educational Level: Advanced | **Educational Method:** Lecture; Forum

Objectives:

- Define the developmental phases of rehabilitation treatment research
- Identify the primary aims for different phases of the translational research process, and the associated barriers and challenges
- Identify the current stage of their own program of research and identify a key next step

WEDNESDAY, FEBRUARY 26, 2014

7:30 - 7:35 pm	Introduction and Overview	Richard Wilson, MD, MS
7:35 - 8:05 pm	Translational Research in Rehabilitation	John Whyte, MD, PhD
8:05 - 9:00 pm	Interactive Forum and Group Discussion of Common Themes	

Chair & Administrative Directors Councils

Clinical Competence Assessment for Residents: What it Means for Faculty and Program Leaders

Attendees will learn how to provide the infrastructure required to be able to successfully implement all aspects of the Next Accreditation System (NAS) and will be provided tools to support Program Directors and other faculty engaged in clinical competency.

Program Director: Edward A. Hurvitz, MD | **Program Facilitator:** Linda Grosh

Target Audience: Department Chairs; Administrative Directors

Educational Level: Advanced | **Educational Method:** Lecture; Forum

Objectives:

- Identify elements of the future accreditation system and dispel myths about the accreditation system
- Provide descriptions of infrastructure and resources for implementation, and practical suggestions on how to achieve them
- Discuss methods to foster faculty participation and integration of competency assessment into teaching workflow

WEDNESDAY, FEBRUARY 26, 2014

6:30 - 7:30 pm	Chair Council & Administrative Directors Council Dinners (<i>optional event - purchased ticket required</i>)	
7:30 - 8:00 pm	Chair Council Business Meeting	
8:00 - 8:40 pm	Clinical Competency Assessment for Residents	Teresa L. Massagli, MD Gerard E. Francisco, MD
8:40 - 9:00 pm	Discussion led by Dr. Edward Hurvitz and Linda Grosh	

2014 AAP ANNUAL MEETING REGISTRATION

Renaissance Nashville Hotel | February 25 - March 1, 2014 | Nashville, Tennessee

MAIL completed registration form to:

7250 Parkway Drive, Suite 130 | Hanover, MD 21076

Or visit www.physiatry.org to **REGISTER ONLINE**

Please note: Registrations will not be accepted by fax.



FULL PAYMENT MUST ACCOMPANY REGISTRATION FORM

Name (First, MI, Last) _____ Degree(s) _____

Institution _____

Confirmation Address _____

City _____ State _____ Zip _____

Is this address your home or office? ☐ Home ☐ Office

Work Phone _____ Fax _____

E-mail _____ Nickname or Preferred First Name for Badge _____

COURSE INFORMATION

Please select the course(s) you are planning to attend:

- | | |
|--|---|
| ☐ A1. Positioning Academic PM&R in the Next Phase of ACA Implications - Institutional Level | ☐ A2. Healthcare Reform (ACA) and Implications for Academic PM&R: How will it Affect Me? |
| ☐ B1. Central Trauma | ☐ B2. Traumatic Peripheral & Brachial Plexus Injuries |
| ☐ C1. Rehabilomics Concepts and Applications for Personalized Rehab Medicine & Research | ☐ C2. Frontiers in Interventional Physiatry |

☐ RMSTP (by invitation only) ☐ PAL (by invitation only) ☐ Program Coordinators Workshop ☐ Admin Directors Workshop

AAP MEETING REGISTRATION

Registration must arrive in the AAP Office by December 17, 2013 to get the early bird registration rate.

Any Meeting Registration arriving in the AAP Office after December 17, 2013 will be charged an additional \$100 fee.

Remember: Registration includes breakfast and lunch Thursday and Friday and Saturday morning breakfast

Registration Category:

☐ AAP Member	\$695.00	☐ Program Coordinator AAP Member	\$375.00
☐ Non AAP Member	\$995.00	☐ Program Coordinator Non AAP Member	\$550.00
☐ Emeritus	\$365.00	☐ Administrative Director AAP Member	\$495.00
☐ One Day AAP Member	\$300.00	☐ Administrative Director Non AAP Member	\$650.00
☐ One Day Non AAP Member	\$475.00		

Academic Partner Benefit: ☐ Resident ☐ Faculty ☐ Coordinator (Voucher Promo Codes will be distributed for online registration)

IN TRAINING REGISTRATION

This package is for PM&R residents, fellows and medical students only.

This special package includes the following items:

- | | |
|--|---------------------------------------|
| 1. Residents/Fellows Workshop - Wednesday, February 26, 2014 | 4. Social Event |
| 2. Residents/Fellows Council Program | 5. FREE Breakfast Thursday - Saturday |
| 3. Full 2014 AAP Annual Meeting Registration | 6. FREE Lunch Thursday - Friday |

☐ Resident AAP Member - \$490.00 ☐ Resident Non AAP Member - \$710.00 ☐ Medical Student - \$225.00

2014 AAP ANNUAL MEETING REGISTRATION

Any Meeting Registration that arrives in the AAP Office after December 17, 2013 will be charged an additional \$100.00

OPTIONAL EVENTS

February 25 - 26, 2014

RFPD Workshop

_____ Attending entire AAP Annual Meeting		\$125.00	\$ _____
_____ NOT Attending AAP Annual Meeting	AAP Member	\$420.00	\$ _____
	Non AAP Member	\$600.00	\$ _____

February 25 - 26, 2014

Program Coordinators' Workshop

_____ Attending Preconference Workshop		\$125.00	\$ _____
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AAP Council Programs and Dinners (please indicate which council you would like to attend)

Tuesday, February 25, 2014

_____ RFPD / Medical Student Educators Councils		\$ 65.00	\$ _____
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Thursday, February 27, 2014

_____ Chair Council		\$ 65.00	\$ _____
_____ Administrative Directors Council		\$ 65.00	\$ _____

Friday, February 28, 2013

Foundation for PM&R Rehab 5K Run/Walk or Roll **\$25.00/per person** # _____

Guest Package **\$225.00/per person** # _____

If you would like a special guest to attend the meeting with you, the AAP Guest package includes: Continental Breakfast & Breaks Thurs - Sat and lunch Thurs - Fri, 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.

Guest 1 _____ Guest 2 _____

TOTAL DUE Registration Fee: \$ _____

Optional Events: \$ _____

TOTAL \$ _____

BILLING INFORMATION

☐ MasterCard ☐ VISA ☐ American Express ☐ Discover ☐ Check # _____

If rebilling of a credit card is necessary, a \$25 processing fee will be automatically charged.
Please sign and print your name as it appears on the card.

Credit Card # _____ **Expiration Date** _____

Signature _____ **Cardholder's Name (print)** _____

All changes or cancellations must be made in writing to the AAP via mail or fax. No changes or cancellations will be accepted over the phone or via e-mail. Cancellations must be received before December 30, 2013 to qualify for a refund, less a \$100 handling fee. No refunds are issued for "no-shows" or cancellations postmarked after December 30, 2013. No refunds for Poster or Paper Presenters after December 30, 2013. All refund requests will be processed at the AAP office four weeks after the meeting. Absolutely no refunds will be given on site. Non-refundable airline tickets are the responsibility of potential registrants, not the AAP. For further information contact the AAP at 410.712.7120.

LEADERSHIP & RESEARCH PROGRAMS

For full educational session details, please visit www.physiatry.org

Program for Academic Leadership (PAL)

The Association of Academic Physiatrists (AAP) continues to sponsor the Program for Academic Leadership (PAL). Led by Gary S. Clark, MD, CPE, MMM, PAL is a three-year program to develop academic leadership skills in junior PM&R faculty. The goal of PAL is to provide a basic administrative framework and skill set to promising physiatric faculty in order to enhance their leadership abilities within a department, medical school, and the field of PM&R at large. This program requires candidates to attend the PAL course during each of three consecutive AAP Annual Meetings. Over the three years, the content covers department administration, teaching and education, and research. Applications for the Program for Academic Leadership are due in September each year. Visit the AAP Website at www.physiatry.org for more details.

Rehabilitation Medicine Scientist Training Program (RMSTP)

Become Tomorrow's Rehabilitation Researcher!
Join the Rehabilitation Medicine Scientist Training Program

Where is the evidence base for rehabilitation treatments?

How can we support the value of rehabilitation with payers and policy makers?

Rehabilitation research is the key, and well-trained rehabilitation researchers are needed for the job! We offer NIH-funded research training fellowships at competitive salaries to selected individuals to study with a nationally prominent mentor of their choice for up to 3 years. The goal of the program is to train a cohort of physiatric researchers – focusing on both adult and pediatric rehabilitation topics – who can compete successfully for NIH and other research funds, and who can contribute original research to the advancement of the field. PGY2 and PGY3 residents, and academic faculty members within 5 years of completing their training, are invited to attend a research training workshop held at the annual meeting of the Association of Academic Physiatrists, to help them prepare for the funded RMSTP fellowship. Applications for the research training workshop are due December 1, 2013. Applications for the NIH-funded fellowships are due September 1st of each year. For more information visit the AAP website, www.physiatry.org, click on RMSTP, or contact the Program Coordinator for the RMSTP, Mary Czerniak, at meczerni@einstein.edu or (215) 663-6592.

CME INFORMATION

Claim CME for your Participation

This meeting is sponsored by the Association of Academic Physiatrists (AAP). The AAP is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The AAP designates this continuing medical education activity for a maximum of 31.0 *AMA PRA Category I Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants can turn in the completed CME form at the end of the meeting or request CME online via the AAP website, www.physiatry.org. There will be no fee for issuing certificates after the AAP Annual Meeting.

CME credits submitted from the 2014 AAP Annual Meeting by AAP members will be electronically submitted to the American Board of Physical Medicine and Rehabilitation (ABPMR) prior to July 1, 2014.



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Hanover, MD 21076

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Celebrating Advances in
Physical Medicine & Rehabilitation
Research, Education
Leadership & Clinical Care



The AAP invites you to Nashville, Tennessee
Not an AAP member? Join today for a significant discount on registration for the
2014 AAP Annual Meeting by visiting the AAP website at www.physiatry.org!