



AAPM 34TH ANNUAL MEETING & PRECONFERENCES

PRELIMINARY PROGRAM

Managing Acute and High-Impact Chronic Pain Through Multidisciplinary Care

Vancouver Convention Centre | Vancouver, BC, Canada

Preconference Sessions: April 25–26, 2018

Annual Meeting: April 26–29, 2018

Exhibits: April 26–28, 2018

ABOUT THE MEETING

A Message from AAPM's President



It is my pleasure as president of the American Academy of Pain Medicine (AAPM) to invite you to attend the AAPM 34th Annual Meeting & Preconferences April 25–29, 2018, in Vancouver, BC, Canada. Attendees can look forward to a dynamic educational program with ample opportunities to network with colleagues and explore Vancouver.

The meeting theme—*Managing Acute & High-Impact Chronic Pain Through Multidisciplinary Care*—will address a challenge among all healthcare providers, the patients they care for, and the communities they live in: balancing the need for improving comprehensive pain care while responding to the growing societal epidemic of prescription opioid abuse and opioid-related overdoses and deaths.

The current opioid crisis and the devastation it has inflicted on society, patients, families, and communities has made this an even more critical time for our field of pain medicine to lead the way in advocating for comprehensive pain care, including greater access to evidence-based pharmacologic approaches, behavioral health interventions, interventional procedures, substance abuse treatment, and rehabilitation-based care.

The fundamentals of multidisciplinary pain management long have been the gold standard for pain care and have been promoted by AAPM since it was established more than 30 years ago with a mission of advancing the comprehensive care of patients with pain through the promotion of best clinical practices, research, advocacy, and continuing medical education. To that end, the AAPM 34th Annual Meeting has been designed to provide key stakeholders—including physicians and members of their treatment teams, payers, and researchers—with the skills and knowledge necessary to improve the care provided to patients and optimize patient outcomes.

The 2018 AAPM Program Committee—chaired by James W. Atchison, DO, and Vitaly Gordin, MD—selected from a record number of session proposal submissions to create the must-attend educational program of the year for all clinicians treating patients in pain. The meeting will feature expert faculty from around the country presenting more than 30 hours of pain medicine education designed to immediately improve your practice.

Lastly, the Vancouver Convention Centre and Pan Pacific Vancouver hotel, situated on the downtown waterfront within walking distance of some of the city's top attractions, will provide a beautiful backdrop for AAPM 2018. Learn more about visiting Vancouver and hotel amenities on page 3.

Be sure to register and book your hotel room early, and visit annualmeeting.painmed.org for the latest information about the meeting.

I look forward to seeing you in Vancouver in April.

Sincerely,

Steven P. Stanos, DO
President, American Academy of Pain Medicine

Important Dates

December 6, 2017

Registration and housing opens. Register early to save with early-bird and join-and-register discounts. Learn more on page 19.

AAPM has secured a limited number of hotel rooms at the Pan Pacific Vancouver at a discounted group rate for meeting attendees.*

February 28, 2018

Early-bird registration deadline. Save \$100 on registration when you register on or before this date.

March 23, 2018

Housing reservation deadline. Secure your space at the host resort by booking early!* Book rooms online at annualmeeting.painmed.org or by calling 604.662.3223.

April 20, 2018

Advance registration deadline. Save time and money by registering for the meeting in advance online or over the phone. After the advance registration deadline, only in-person, on-site registration is available, and rates increase.

AAPM nonmembers, April 20 is also your last chance to capitalize on join-and-register pricing. See page 17 to determine whether you qualify for AAPM membership.

**AAPM recommends that attendees reserve their hotel rooms as early as possible. Space is limited and provided on a first-come, first-served basis. After the March 23, 2018, cutoff date—or when the AAPM room block has been filled—other rates may apply, and availability is not ensured.*

2018 AAPM Annual Meeting Program Committee

Special thanks to the members of the AAPM Program Committee who volunteered their time, energy, and expertise to develop the AAPM 34th Annual Meeting & Preconferences. Visit painmed.org/annualmeeting for a full list of committee members and abstract reviewers.



James W. Atchison, DO
Co-Chair



Vitaly Gordin, MD
Co-Chair



James C. Watson, MD
Scientific Poster Abstract Chair

Meeting Overview

When planning your 2018 AAPM Annual Meeting experience, note the following events taking place April 25–29: Be sure to book your travel in time to participate in preconference sessions beginning on Wednesday morning, April 25. Plus, don't miss out on new special topic tracks happening on Sunday morning, April 29, until 12:45 pm. Spring is a beautiful time of year to enjoy Vancouver. Read on to learn more about how to make the most of your time while you're in town.

April 25
Pain Medicine Best Practices: Integrative Solutions for Critical Challenges Preconference

See page 8 for details.

April 26
Interdisciplinary/Multidisciplinary Pain-Based Care Preconference

See page 9 for details

April 26–29
AAPM 34th Annual Meeting Sessions

See the schedule at-a-glance on pages 6–7.

April 26–28
Resource Center Open—Exhibits & Poster Displays
 Learn more on page 4.

April 29
NEW: Special Topics in Pain Medicine Tracks
 Included with registration are three 4-hour special topic tracks. Attendees can attend the full Cancer/Palliative Care, NANS Neuromodulation, or Behavioral Health tracks, or mix and match track sessions and presentations. Learn more on page 14.

Travel & Housing Details

Vancouver, BC, Canada

AAPM's 2018 meeting destination, Vancouver, is home to majestic mountains, sparkling ocean views, rainforests, and lovely foliage year-round, making it one of the most beautiful cities in the world. For information about Vancouver, visit tourismvancouver.com.

Meeting Location

AAPM 34th Annual Meeting events will take place at the **Vancouver Convention Centre**, situated on the downtown Vancouver waterfront within walking distance of some of the city's top attractions. AAPM has secured a limited number of sleeping rooms at the **Pan Pacific Vancouver**, which is connected to the convention center.

Vancouver Convention Centre

1055 Canada Place
 Vancouver, BC
 V6C 0C3, Canada

Pan Pacific Vancouver

Suite 300-999, Canada Place
 Vancouver, BC
 V6C 3B5, Canada

A block of rooms will be held at the Pan Pacific Vancouver until March 23, 2018, at a special group rate of \$269 CAD/night (single or double occupancy). This special rate will apply until the cutoff date, or when AAPM's room block has been filled; after that time, availability will be limited, and higher rates may apply.

Book your room online at annualmeeting.painmed.org or by calling 604.662.3223.

Getting to Vancouver & Important Passport Information

The Vancouver Convention Centre and Pan Pacific Vancouver are located approximately 15 miles from the Vancouver International Airport (YVR). Visit the Vancouver International Airport website at yvr.ca for additional information and airport transportation options.

Make sure your passport is valid by checking with the appropriate government agency in your country of origin. Canadian law requires that all persons entering the country carry proof of citizenship and proof of identity. A valid U.S. passport or NEXUS card satisfies both of these requirements for U.S. citizens traveling to Canada.



AAPM 34th Annual Meeting Receptions

Welcome Reception: Thursday, April 26, 6–7:30 pm
AAPM 34th Annual Meeting Reception: Friday, April 27, 6–7:30 pm
Join AAPM leadership, fellow meeting attendees, and industry partners during evening receptions in the Resource Center. Receptions are an excellent opportunity to socialize and network with colleagues, view more than 200 scientific posters featuring the latest pain research, and learn about the newest technologies and products to improve your practice and patient care.



Meet the Faculty

AAPM is excited to again feature Meet the Faculty events during meeting breaks. Plan to visit the Resource Center during the following times for the opportunity to get your questions answered by pain medicine experts and engage in discussion with fellow meeting attendees:

- Friday, April 27, 10:15–10:45 am
- Friday, April 27, 3–3:30 pm
- Saturday, April 28, 10:30–11 am

AAPM Shared Interest Groups (SIGs)

Meeting registrants are invited to participate in SIG meetings, which enable attendees to connect with a niche community of practitioners who share similar interests. Meeting times and locations will be posted at annualmeeting.painmed.org as they become available. The following AAPM SIGs may meet in Vancouver:

- Acute Pain Medicine
- Federal Medicine
- Interdisciplinary Pain Medicine
- Pain Psychology
- Primary Care
- Regenerative Pain Medicine
- Resident Fellow Education

Easily Identify Colleagues with Similar Interests

The AAPM 34th Annual Meeting is the must-attend meeting of the year because it brings together a multidisciplinary group of pain medicine clinicians. Back by popular demand, badge ribbons will help attendees identify colleagues with similar backgrounds and interests to facilitate networking. Visit the ribbon kiosk at the AAPM membership information desk and select ribbons to help you connect with your peers.

Special Event: How to Get Published in Peer-Reviewed Journals

Friday, April 27, 1:45–2:45 pm

Gain invaluable tips and strategies on how to get your research published. *Pain Medicine*, the official journal of AAPM, considers international research and systematic review papers on all pain topics. Learn how to submit your best research to *Pain Medicine*!

Special Event: National Institutes of Health (NIH)

Funding Mechanisms

Friday, April 27, 2:45–3:45 pm

Expert panelists will provide tips for securing strong mentorship, resources for research and training, and guidance in grant writing for developing a competitive NIH application, as well as for managing clinical endeavors and research. A must-attend session for individuals interested in research.

Resource Center

The AAPM Resource Center is the place to network with fellow meeting attendees and industry partners in a dynamic and synergistic atmosphere. At the Resource Center, you can:

- enjoy complimentary beverages and network with colleagues during meeting breaks (twice daily) and evening receptions.
- continue your education by viewing more than 200 scientific posters and meeting the authors.
- visit the AAPM booth to learn about membership, AAPM Foundation, education products, and the *Pain Medicine* journal.
- meet more than 100 exhibitors presenting the latest information that will benefit your practice and patients and compare relevant products and services in one convenient place.
- attend short programming that will demonstrate multimodal methods of pain management at the Presentation Centre.
- meet the faculty and learn from our pain medicine experts.
- relax and recharge in the AAPM Lounge.

Want to exhibit or know a company that should exhibit? Go to annualmeeting.painmed.org or e-mail prd@painmed.org.

Resource Center Schedule

Thursday, April 26 6–7:30 pm

Friday, April 27 10–11 am

. 2:30–7:30 pm

Saturday, April 28 10–11:30 am



Who Should Attend

Clinicians treating patients in pain are invited to join leading experts in pain medicine at the AAPM 34th Annual Meeting & Preconferences. The program has been designed by a multidisciplinary, multimodal committee of experts at the forefront of pain medicine practice for a primary audience of physicians whose scope of practice is targeted at the multidisciplinary practice of pain medicine, as well as a secondary audience of nonphysician healthcare clinicians, including nurses, nurse practitioners, physician assistants, physical therapists, psychologists, and pharmacists, who are part of the multidisciplinary pain management team.

Continuing Medical Education Information

Accreditation Statements

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

- **34th Annual Meeting:** AAPM designates this live activity for a maximum of 17.5 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
- **Pain Medicine Best Practices: Integrative Solutions for Critical Challenges Preconference:** AAPM designates this live activity for a maximum of 9 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
- **Interdisciplinary/Multidisciplinary Pain-Based Care Preconference:** AAPM designates this live activity for a maximum of 7.5 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Note: Attendees cannot receive credit for simultaneous sessions. The largest number of credits that can be earned by combining the Pain Medicine Best Practices: Integrative Solutions for Critical Challenges Preconference, Interdisciplinary/Multidisciplinary Pain-Based Care Preconference, and AAPM 34th Annual Meeting is 34 CME credits.

American Academy of Family Physicians (AAFP)

Applications for AAFP CME credit for the Annual Meeting, Pain Medicine Best Practices: Integrative Solutions for Critical Challenges Preconference, and Interdisciplinary/Multidisciplinary Pain-Based Care Preconference have been filed with AAFP. Determination of credit is pending.

Nursing Credits

This activity has been submitted to the American Association of Neuroscience Nurses (AANN) for approval to award contact hours. AANN is accredited as an approver of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation. Nursing credit will be offered only for the AAPM 34th Annual Meeting.

Overall Meeting Objectives

After attending the meeting, participants should be better able to:

- describe recent advances in research, clinical best practices, patient management, practice management, and the diagnosis and treatment of patients in pain to pain medicine clinicians.
- assess the most up-to-date scientific developments and clinical best practices in the field of pain medicine.
- review the wide range of treatment therapies available to help patients suffering from pain and pain-related psychosocial dysfunction regain their quality of life.
- assess, treat, and improve outcomes for patients suffering from multiple types of pain through the use of evidence-based, integrative/multidisciplinary pain management strategies and patient-centered treatment plans.
- improve patient safety and decrease the rate of opioid- and pain analgesic-related adverse events.

MOCA 2.0® Credits



Participants in the Annual Meeting, Pain Medicine Best Practices: Integrative Solutions for Critical Challenges Preconference, and Interdisciplinary/Multidisciplinary Pain-Based Care Preconference will receive MOCA 2.0® credit after evaluations have been submitted online. AAPM will report participant completion data to the American Board of Anesthesiology via the ACCME's Program and Activity Reporting System (PARS) on behalf of the participant in a timely manner. PARS is a web-based portal for the collection of program and activity data from accredited continuing medical education (CME) providers such as AAPM.

Maintenance of Certification in Anesthesiology Program® and MOCA 2.0® are registered certification marks of the American Board of Anesthesiology®.

American Academy of Physician Assistants (AAPA)

AAPA accepts *AMA PRA Category 1 Credit*[™] from accredited organizations, including AAPM.

Psychology Credits (APA)

Behavioral Medicine Track: A Behavioral Medicine Workshop for Healthcare Professionals: Advanced Skills Target High Impact Chronic Pain! (Sunday Sessions 403, 406, 409, 412) will be reviewed for approval by the American Psychological Association's (APA's) Office of Continuing Education in Psychology (CEP) to offer continuing education (CE) credit for psychologists. Full attendance is required at each session to receive CE credit. Partial credit is not awarded. The CEP Office will maintain responsibility for delivery of these sessions. Pending approval.

MOC Part II Lifelong Learning

Participants in the Annual Meeting, Pain Medicine Best Practices: Integrative Solutions for Critical Challenges Preconference, and Interdisciplinary/Multidisciplinary Pain-Based Care Preconference will receive ABPMR MOC Part II Lifelong Learning CME credit after evaluations have been submitted online. Participants will need to report these CME credits directly into their ABPMR MOC Homepage.

SCHEDULE AT A GLANCE

WEDNESDAY, APRIL 25 PRECONFERENCE SESSIONS	
7 am–Noon	FEE ▶ Pain Medicine Best Practices: Integrative Solutions for Critical Challenges—Part 1 of 2 (PME)
Noon–1 pm	Lunch Break (Not Provided)
1–5 pm	FEE ▶ Pain Medicine Best Practices: Integrative Solutions for Critical Challenges—Part 2 of 2 (PME)
THURSDAY, APRIL 26 PRECONFERENCE SESSIONS	
7:30–11:30 am	FEE ▶ Interdisciplinary/Multidisciplinary Pain-Based Care—Part 1 of 2 (001)
11:30 am–Noon	Potential AAPM-Provided Lunch
Noon–1 pm	Potential Satellite Symposium
1:15–4:45 pm	FEE ▶ Interdisciplinary/Multidisciplinary Pain-Based Care—Part 2 of 2 (001)
THURSDAY, APRIL 26 ANNUAL MEETING SESSIONS	
5–6 pm	Opening Session and Award Presentation (101) Robert G. Addison Award Presentation Stakeholder Collaboration in Moving Pain Management Forward: A Payer’s Perspective
6–7:30 pm	AAPM 34th Annual Meeting Welcome Reception Exhibits & Poster Session (Group 1 & Late-Breaking)
FRIDAY, APRIL 27 ANNUAL MEETING SESSIONS	
6:30–7 am	Potential AAPM-Provided Breakfast
7–8 am	Potential Satellite Symposium
8:15–9:15 am	General Session I and Award Presentations (102) President’s Opening Remarks Phillip M. Lippe, MD, Award & Distinguished Service Award Presentations Keynote Address: Practicing Medicine in the Age of Accelerations
9:15–10 am	General Session II and Award Presentations (103) Founders Award & Pain Medicine Fellowship Excellence Award Presentations Plenary Research Highlights
10–11 am	NETWORKING BREAK Exhibits & Poster Session (Group 1 & Late-Breaking) Meet the Faculty: 10:15–10:45 am
11 am–Noon	CONCURRENT SESSIONS Basic, Translational, and Clinical Perspectives on Complex Regional Pain Syndrome (CRPS) (201) Brain Imaging of Chronic Pain, Research Findings, and Guidelines for Medicolegal Applications (202) Multidisciplinary Care Model and Contemporary Strategies for Intrathecal Drug Delivery (203)
Noon–12:30 pm	Potential AAPM-Provided Lunch
12:30–1:30 pm	Potential Satellite Symposium
1:45–2:45 pm	SPECIAL EVENT: How to Get Published in Peer-Reviewed Journals
1:45–2:45 pm	CONCURRENT SESSIONS Virtual Reality Has Now Come Online for Chronic Pain (204) Poster Research Highlights (205) Ketamine for Pain, Depression, and Post-Traumatic Stress Disorder (PTSD): What Do We Know? (206)
2:45–3:45 pm	NETWORKING BREAK Meet the Faculty: 3–3:30 pm
2:45–3:45 pm	SPECIAL EVENT: National Institutes of Health (NIH) Funding Mechanisms
3:45–4:45 pm	CONCURRENT SESSIONS Neuropathic Pain: Beyond Adjuvants and Opioids: A Look at New and Reemerging Treatments (207) Sleep Away the Pain: Whether and How to Treat Insomnia to Improve Chronic Pain (208) Knowledge and Skill for Implementation of Office-Based Regenerative Pain Practice: An Evidence-Based Approach (209)
4:45–5 pm	NETWORKING BREAK
5–6 pm	CONCURRENT SESSIONS Collecting Patient-Reported Outcomes (PROs) to Enhance Your Practice and What the Collected Registry Data Tell Us So Far (210) Suicidality and Chronic Pain: Research/Risk Factors and Monitoring/Evaluation/Treatment in the Context of Opioid Tapering (211) A Pain in the Rear: Diagnosing and Treating Lumbar Spine and Sacroiliac Complex Pain (212)
6–7:30 pm	AAPM 34th Annual Meeting Reception Exhibits & Poster Session (Group 2 & Late-Breaking)
SATURDAY, APRIL 28 ANNUAL MEETING SESSIONS	
6:30–6:45 am	Potential AAPM-Provided Breakfast
6:45–7:45 am	Potential Satellite Symposium
8–9 am	General Session III and Award Presentations (104) Patient Advocacy Award & Presidential Excellence Award for Education Presentations The National Strategy and U.S. Task Force on Pain and Opioids
9–9:15 am	NETWORKING BREAK

SATURDAY, APRIL 28 ANNUAL MEETING SESSIONS <i>(continued)</i>	
9:15-10:15 am	CONCURRENT SESSIONS
	The Conundrum of Acute Hospital Opioid Management: Treatment Challenges, Discharge Opportunities, and Balancing Compassionate Care While Decreasing Harm (301) Urine, Oral Fluid, or Serum? Interpretation of Interactive Case Studies Using Point of Care (POC) and Laboratory-Based Tests (302) Not All Headaches Are Migraines! A Practical Approach to Cranial Neuralgias, Unilateral, and Medication-Overuse Headaches (303)
10:15-11:30 am	NETWORKING BREAK Exhibits & Poster Sessions (Group 2 & Late-Breaking) Meet the Faculty: 10:30-11 am
11:30 am-12:30 pm	CONCURRENT SESSIONS
	CDC Guidelines: Where Do We Stand? Advocating for Physicians and Their Patients in Pain (304) Web-Based Multimedia Curriculum for Training in Ultrasound-Guided Pain Medicine Procedures (305) Fake News: The Risk of Promoted Flawed Data and Crucial Role of Evidence-Based Interventional Pain Management (306)
12:30-1 pm	Potential AAPM-Provided Lunch
1-2 pm	Potential Satellite Symposium
2:15-3:15 pm	CONCURRENT SESSIONS
	The New Definition(s) of Pain: Update on Pain Taxonomies, HCAHPS Metrics, and Diagnostic Systems (307) Cannabis Conundrum! Medical Marijuana Prescribing and Integration into the Recreational Marketplace (308) Visceral Pain: It Takes a Village: A Medical, Surgical, Behavioral Medicine, and Patient Team-Based Approach (309)
3:15-3:30 pm	NETWORKING BREAK
3:30-4:30 pm	CONCURRENT SESSIONS
	Unintended Prolonged Opioid Use: An Under-Recognized Segue to Long-Term Use (310) Extending the Perioperative Surgical Home: Interdisciplinary Strategies to Optimize Perioperative Pain Management (311) Walking the Line in Pain and the Law: Organized Medicine, Pain Physicians, and AAPM's Work to Support Providers and Patients (312)
4:30-4:45 pm	NETWORKING BREAK
4:45-5:45 pm	CONCURRENT SESSIONS
	Buprenorphine/Naloxone for Pain and Opioid Use Disorder (313) Pearls of Multidisciplinary Treatment of Chronic Pain in the Veterans Health Administration, Medicaid, and Adolescent Populations (314) Challenging Neuropathic Pain Syndromes: Small Fiber Neuropathy, Erythromelalgia, and Central Neuropathic Pain (315)
SUNDAY, APRIL 29 ANNUAL MEETING SESSIONS	
7-7:50 am	General Session IV (105) Guidelines for the Use of Ketamine to Treat Acute and Chronic Pain
8 am-12:45 pm	Special Topics in Pain Medicine Tracks Attend the full Cancer/Palliative Care , NANS Neuromodulation , or Behavioral Health track Sunday morning, or mix and match sessions and presentations throughout the morning.
8-9 am	Concurrent Special Topics in Pain Medicine Track Sessions
	Cancer/Palliative Care Track—Curing Cancer May Hurt: Updates and Strategies for Managing Treatment-Related Cancer Pain (401) NANS Neuromodulation Track—Spinal Cord Stimulation (SCS) Mechanisms Session 1 of 4: Indications and Best Practices (402) Behavioral Medicine Track—A Behavioral Medicine Workshop for Healthcare Professionals Session 1 of 4: Advanced Skills Target High-Impact Chronic Pain! (403)
9-9:15 am	Networking Break
9:15-10:15 am	Concurrent Special Topics in Pain Medicine Track Sessions
	Cancer/Palliative Care Track—The Interdisciplinary Cancer Pain Management Collaborative: Patient-Centered Teamwork (404) NANS Neuromodulation Track—Spinal Cord Stimulation (SCS) Mechanisms Session 2 of 4: Indications and Best Practices (405) Behavioral Medicine Track—A Behavioral Medicine Workshop for Healthcare Professionals Session 2 of 4: Advanced Skills Target High-Impact Chronic Pain! (406)
10:15-10:30 am	Networking Break
10:30-11:30 am	Concurrent Special Topics in Pain Medicine Track Sessions
	Cancer/Palliative Care Track—Rapidly Changing Paradigms in Oncologic Pain Medicine in an Era of Prescribing Scrutiny (407) NANS Neuromodulation Track—Spinal Cord Stimulation (SCS) Mechanisms Session 3 of 4: Indications and Best Practices (408) Behavioral Medicine Track—A Behavioral Medicine Workshop for Healthcare Professionals Session 3 of 4: Advanced Skills Target High-Impact Chronic Pain! (409)
11:30-11:45 am	Networking Break
11:45 am-12:45 pm	Concurrent Special Topics in Pain Medicine Track Sessions
	Cancer/Palliative Care Track—Palliative Care and Pain Medicine: The “Naughty Patient,” Yes or No to Cannabis? The Cancer Is Gone but the Opioids Are Not (410) NANS Neuromodulation Track—Spinal Cord Stimulation (SCS) Mechanisms Session 4 of 4: Indications and Best Practices (411) Behavioral Medicine Track—A Behavioral Medicine Workshop for Healthcare Professionals Session 4 of 4: Advanced Skills Target High-Impact Chronic Pain! (412)
12:45 pm	Meeting Adjournment

Pain Medicine Best Practices: Integrative Solutions for Critical Challenges

Many healthcare professionals do not feel adequately trained to evaluate and treat the patient in pain. The Pain Medicine Best Practices: Integrative Solutions for Critical Challenges Preconference is designed for pain specialists and subspecialists, primary care providers, and trainees interested in learning how to optimize the management of chronic pain with opioid analgesics and nonopioid therapies.

This session will provide timely and practical information for pain management delivered through didactic lectures, case studies with audience response participation, and interactive small group discussions. Bring your toughest clinical dilemma and join expert faculty to examine the compelling challenges facing pain medicine practitioners today as well as in the coming decades. Together, faculty and attendees will explore current evidence, best practices, and emerging therapies to develop practical and integrative solutions.

In the afternoon, attendees will rotate through three small-group breakout sessions featuring spinal cord stimulation technological updates, medical and interventional approaches to headache management, and diagnostic conundrums for treatment of neck versus shoulder and back versus hip pain. Experts in the field will serve as breakout faculty to provide interactive training to attendees.

Co-Chairs

Farsbad M. Abadian, MD, and Gagan Mabajan, MD

Part 1 of 2: 7 am-Noon

7-7:10 am

Welcome

Gagan Mabajan, MD

7:10-7:25 am

Critical Challenges in Pain Medicine

Farsbad M. Abadian, MD

7:25-7:45 am

Opioid Prescribing: Current Guidelines and Best Practices

Mark S. Wallace, MD

7:45-8:10 am

Opioid Risk Stratification: Setting the Foundation for Success

Farsbad M. Abadian, MD

8:10-8:35 am

Opioid Monitoring and Implementing an Exit Strategy

Gagan Mabajan, MD

8:35-9 am

Pain, Addiction, and Opioid Therapy: Harm Reduction Strategies

Lynn R. Webster, MD

9-9:20 am

Adjunctive Use of Medical Acupuncture for Opioid Management and Taper

Farsbad M. Abadian, MD

9:20-9:35 am

Q&A

Farsbad M. Abadian, MD; Gagan Mabajan, MD; Mark S. Wallace, MD; and Lynn R. Webster, MD

9:35-9:50 am

Break

9:50-10:10 am

Minimally Invasive Therapies for Neurogenic Claudication: When Epidurals Stop Working and Surgery is Not an Option

Peter S. Staats, MD

10:10-10:45 am

Radiofrequency Ablation for Lumbar Facet Pain: Evidence and Controversy

Steven P. Cohen, MD

10:45-11:05 am

Radiofrequency Ablation for Knee and Hip Osteoarthritis: Changing the Treatment Paradigm

Steven P. Cohen, MD

11:05-11:25 am

Spinal Cord Stimulation: Technological Updates

Peter S. Staats, MD; TBD

11:25-11:45 am

Evidence and Indications for Peripheral Field Stimulation and Peripheral Nerve Stimulation

Peter S. Staats, MD; TBD

11:45-Noon

Q&A

Steven P. Cohen, MD, and Peter S. Staats, MD

Noon-1 pm

Break

Part 2 of 2: 1-5 pm

1-1:20 pm

Motivational Interviewing: Changing Attitudes About Pain Management

Ravi Prasad, PhD

1:20-1:40 pm

Medical Marijuana in Pain Medicine: Current Evidence and Best Practices

Mark S. Wallace, MD

1:40-2 pm

Ketamine: Miracle Drug or Latest Fad?

Steven P. Cohen, MD

2-2:15 pm

Q&A

Steven P. Cohen, MD; Ravi Prasad, PhD; and Mark S. Wallace, MD

2:15-2:30 pm

Break

2:30-5 pm

Interactive Modules

Attendees will rotate through the following three 50-minute breakouts:

Care of the Complex Pain Patient: Interdisciplinary Best Practices

W. Michael Hooten, MD; Ravi Prasad, PhD; and Mark S. Wallace, MD

Headache Management: Medical and Interventional Approaches

Alexander Feoktistov, MD PhD, and James C. Watson, MD

Diagnostic Conundrums: Neck vs. Shoulder; Back vs. Hip

James W. Atchison, DO; Gagan Mabajan, MD; and D. J. Kennedy, MD

Interdisciplinary/Multidisciplinary Pain-Based Care

In light of the National Pain Strategy and treatment guidelines supporting a shift toward population-based multidisciplinary care, the role of structured interdisciplinary treatment programs and team-based care has found itself at the frontline of pain management. This preconference will provide a broad stakeholder examination of multi- and interdisciplinary pain management programs. Participants will be highly engaged throughout the day, rotating through active workshop breakout sessions and participating in didactic lectures and panel discussions designed to incorporate attendee ideas and experiences.

The preconference will open with lectures on the philosophy and benefits of interdisciplinary pain management. Expert faculty will provide guidance on developing treatment teams, using available outcomes tools, incorporating opioid reductions into practice, and assessing patients to determine appropriate candidates for this type of care. Techniques and treatments that emphasize changes in brain function for the chronic pain patient will be a focus.

Attendees will then rotate through four small-group breakout sessions featuring hands-on training in physical and occupational therapy, pain psychology, pain education, and relaxation training. Experienced interdisciplinary pain team members will serve as breakout faculty to actively simulate interdisciplinary program treatment sessions for attendees.

The program will conclude with an afternoon expert panel discussion so that attendees can review and develop plans for post-interdisciplinary program treatments and continuation of care, coordination and incorporation of additional and alternative treatments/disciplines, and working with insurance companies and payers to present useful information for approvals.

Co-Chairs

James W. Atchison, DO, and Ravi Prasad, PhD

Part 1 of 2: 7:30–11:30 am

7:30–7:55 am

Introduction to Interdisciplinary Management/National Pain Strategy

Steven P. Stanos, DO

7:55–8:15 am

Better Assessment Tools for Diagnosis, Treatment Recommendations, and Outcomes

Ravi Prasad, PhD

8:15–8:35 am

Medication Management/Tapering Assessment

James W. Atchison, DO

8:35–9 am

Philosophy of How Physical and Cognitive Treatments Change Brain Function, Functional Activity Levels, and Quality of Life

Kristin Lucas, DPT PT, and Elizabeth Gaffron, MOTR/L

9–9:20 am

Building a Self-Management Treatment Plan

James W. Atchison, DO

9:20–9:45 am

Who Is Not a Good Candidate for Interdisciplinary Care?

Patricia Cole, PhD, and Ravi Prasad, PhD

9:45–10 am

Break

10–11:30

Morning Workshops

Attendees will rotate through two of the following 45-minute breakouts:

Clinical Psychology

Patricia Cole, PhD

Biofeedback

Felix Laevsky

Physical Therapy

Hannah Nilles, DPT PT

Occupational Therapy

Elizabeth Gaffron, MOTR/L

Part 2 of 2: 1:15–4:45 pm

1:15–2:45

Afternoon Workshops

Attendees will rotate through two of the following 45-minute breakouts:

Clinical Psychology

Patricia Cole, PhD

Biofeedback

Felix Laevsky

Physical Therapy

Hannah Nilles, DPT PT

Occupational Therapy

Elizabeth Gaffron, MOTR/L

2:45–3 pm

Break

3–3:45 pm

Panel Discussion: What to Do After Formal Treatment

James W. Atchison, DO; Ravi Prasad, PhD; Steven P. Stanos, DO; Patricia Cole, PhD; Elizabeth Gaffron, MOTR/L; Felix Laevsky; Kristin Lucas, DPT PT; and Hannah Nilles, DPT PT

3:45–4:45 pm

Panel Discussion: How Do We Collaborate with Insurers to Provide the Most Cost-Effective and Highest Quality of Evidence-Based Care?

Steven P. Stanos, DO, and Kimberly George, RN

THURSDAY, APRIL 26

5–6 pm

OPENING SESSION AND AWARD PRESENTATION (101)

Presentation of the Robert G. Addison Award to Xue-Jun Song, MD PhD

Stakeholder Collaboration in Moving Pain Management Forward: A Payer's Perspective

Kimberly George, RN

Take a closer look at healthcare reimbursement issues for pain and novel payer initiatives to improve outcomes. Nuts-and-bolts issues related to prior authorization and developing outcomes-based, top-tier referral networks also will be discussed.

6–7:30 pm

Welcome Reception

Kick off your meeting by networking with AAPM leadership, fellow attendees, and industry partners in the Resource Center. View scientific posters (Group 1) and meet the authors. Beverages and refreshments will be served. Entry is included with meeting registration.

FRIDAY, APRIL 27

8:15–9:15 am

GENERAL SESSION I AND AWARD PRESENTATIONS (102)



President's Opening Remarks

Steven P. Stanos, DO

Presentation of the Philipp M. Lippe, MD, Award to Robin J. Hamill-Ruth, MD

Presentation of the Distinguished Service Award to Jeffrey M. Tiede, MD, and James C. Watson, MD



Keynote Address: Practicing Medicine in the Age of Accelerations

Amy L. Compton-Phillips, MD

AAPM is pleased to welcome Amy Compton-Phillips, MD, executive vice president and chief clinical officer for Providence Health & Services, to deliver the 2018 Keynote Address. Dr. Compton-Phillips has an extensive background in directing patient care programs and leading healthcare organizations. She will share a physician executive's perspective while speaking to AAPM Annual Meeting attendees about navigating healthcare system changes, systems' responses to pain management issues, and the general state of health care and its impact on pain physicians practicing at both private and academic institutions.

9:15–10 am

GENERAL SESSION II AND AWARD PRESENTATIONS (103)

Presentation of the Founders Award to Robert H. Dworkin, PhD

Presentation of the Pain Medicine Fellowship Excellence Award

Plenary Research Highlights

Increasing both the quality and quantity of scientific pain research is a primary goal of the AAPM Annual Meeting. The Scientific Poster Abstract Committee has selected the highest-ranking, most novel 2018 poster submissions for live presentation in this plenary venue.

Moderator: James C. Watson, MD

Faculty TBA

10–11 am

Networking Break

Visit exhibits, see scientific posters (Group 1), and attend Meet the Faculty events (10:15–10:45 am) in the Resource Center!

11 am–Noon

Concurrent Sessions

Basic, Translational, and Clinical Perspectives on Complex Regional Pain Syndrome (CRPS) (201)

Moderator: R. Norman Harden, MD

Complex Regional Pain Syndrome: From the Bench to the Bedside and Back

Vivianne Taufik, MD PhD

Complex Regional Pain Syndrome: Thoughts on Diagnosis and Promising New Therapies

R. Norman Harden, MD

Brain Imaging of Chronic Pain, Research Findings, and Guidelines for Medicolegal Applications (202)

Moderator: James W. Atchison, DO

Abnormalities of the Dynamic Pain Connectome in Chronic Pain: Can Neuroimaging Be Used to Predict Pain and Treatment Outcomes?

Karen D. Davis, PhD

Brain Functional and Anatomical Reorganization in the Management of Chronic Pain

Marwan N. Baliki, PhD

Multidisciplinary Care Model and Contemporary Strategies for Intrathecal Drug Delivery (203)

Moderator: Michael S. Leong, MD

Comparison of Intrathecal and Oral Analgesics: Selected Adverse Effects and Efficacy

Michael S. Leong, MD

Intrathecal Drug Delivery: Is Bolus Administration Better than Continuous?

Jason E. Pope, MD

Cost-Effectiveness of Targeted Drug Delivery

Robert Bolash, MD

Noon-1:45 pm

Networking & Lunch Break

1:45-2:45 pm

Special Event

How to Get Published in Peer-Reviewed Journals

CME not provided.

Faculty: Rollin M. Gallagher, MD MPH, and R. Norman Harden, MD

1:45-2:45 pm

Concurrent Sessions

Virtual Reality Has Now Come Online for Chronic Pain (204)

Moderator: Ted Jones, PhD

The Use of Virtual Reality with Pediatric Patients

Jeffrey I. Gold, PhD

The Use of Virtual Reality for Somatic Symptom Disorders

Kim D. Bullock, MD

The Use of Virtual Reality for Chronic Pain: What It Does and Does Not Do

Ted Jones, PhD

Poster Research Highlights (205)

Moderator: James C. Watson, MD

Faculty TBA

Ketamine for Pain, Depression, and Post-Traumatic Stress Disorder (PTSD): What Do We Know? (206)

Moderator: May L. Chin, MD

Ketamine for Intractable Pain

May L. Chin, MD

Ketamine for Depression

Brian A. Erickson, MD

Interdisciplinary Ketamine for the War Against Co-Occurring Severe Neuropathic Pain and PTSD

Benjamin Keizer, PhD

2:45-3:45 pm

Networking Break

Visit exhibits and attend Meet the Faculty events (3-3:30 pm) in the Resource Center!

2:45-3:45 pm

Special Event

National Institutes of Health (NIH) Funding Mechanisms

CME not provided.

Faculty: Jennifer M. Hab, MD MS; Yu "Woody" Lin, MD PhD; and Sean Mackey, MD PhD

3:45-4:45 pm

Concurrent Sessions

Neuropathic Pain: Beyond Adjuvants and Opioids: A Look at New and Reemerging Treatments (207)

Moderator: James C. Watson, MD

The Role of Low-Dose Naltrexone for the Treatment of Neuropathic Pain Syndromes

Neel Mehta, MD

Emerging Therapies in the Treatment of Neuropathic Pain

Charles E. Argoff, MD

Sleep Away the Pain: Whether and How to Treat Insomnia to Improve Chronic Pain (208)

Moderator: Heather Pouppore-King, PhD

Relationship Between Sleep and Pain

Heather Pouppore-King, PhD

Non-Drug Treatments for Sleep and Pain

Fiona Barwick, PhD

Circadian Rhythms in Sleep and Pain

R. Robert Auger, MD

Knowledge and Skill for Implementation of Office-Based Regenerative Pain Practice: An Evidence-Based Approach (209)

Moderator: Wenchun Qu, MD PhD

Implementation of Office-Based Technology for Regenerative Therapy in Pain Practice

Wenchun Qu, MD PhD

Mechanism of Mesenchymal Stem Cell Therapy and Regulatory Compliance

Jianguo Cheng, MD PhD

Update on Evidence for Regenerative Therapies for Pain

Gerard A. Malanga, MD

4:45-5 pm

Networking Break

5-6 pm

Concurrent Sessions

Collecting Patient-Reported Outcomes (PROs) to Enhance Your Practice and What the Collected Registry Data Tell Us So Far (210)

Moderator: Ajay D. Wasan, MD MSc

The Latest CHOIR Enhancements Make It Even Easier to Get It Up and Running

Sean Mackey, MD, PhD

Collecting PROs in an Interventional Pain Practice and Treatment Outcomes Results

Ajay D. Wasan, MD MSc

Enhancing Clinical Practice with CHOIR and Getting Your Health System to Adopt It

Robert W. Hurley, MD PhD

Suicidality and Chronic Pain: Research/Risk Factors and Monitoring/Evaluation/Treatment in the Context of Opioid Tapering (211)

Moderator: David A. Fishbain, MD

Suicidality and Chronic Pain: Research Status, Risk Factors, and Opioid Tapering Impact

David A. Fishbain, MD

Suicidality Monitoring/Evaluation/Treatment in the Chronic Pain Setting in the Context of Opioid Tapering

W. Michael Hooten, MD

A Pain in the Rear: Diagnosing and Treating Lumbar Spine and Sacroiliac Complex Pain (212)

Moderator: Zachary L. McCormick, MD

Don't Always Blame the Sacroiliac Joint

Byron Schneider, MD

What Is New and What Is True? An Evidence-Based Update of Treatments for Lumbar Spine and Sacroiliac Complex Pain

Zachary L. McCormick, MD

6–7:30 pm

AAPM 34th Annual Meeting Reception

Cap off your day by networking with fellow meeting attendees in the Resource Center. View scientific posters (Group 2) and meet the authors. Cocktails and refreshments will be served. Entry is included with meeting registration.

SATURDAY, APRIL 28

8–9 am

GENERAL SESSION III AND AWARD PRESENTATIONS (104)

Presentation of the Patient Advocacy Award to Paul Christo, MD MBA

Presentation of the Presidential Excellence Award for Education to Larry C. Driver, MD

The National Strategy and U.S. Task Force on Pain and Opioids

Exclusive report from Vanila Singh, MD, the HHS Chief Medical Officer, on the National Pain Strategy, developing the U.S. Task Force on Pain and Opioids, and the ongoing mission, challenges and opportunities to address the dual crises facing the country.

Moderator: Sean Mackey, MD PhD

Shared Solutions for Our Pain and Opioid Crises

Sean Mackey, MD PhD

The National Strategy and U.S. Task Force on Pain and Opioids

Vanila M. Singh, MD

9–9:15 am

Networking Break

9:15–10:15 am

Concurrent Sessions

The Conundrum of Acute Hospital Opioid Management: Treatment Challenges, Discharge Opportunities, and Balancing Compassionate Care While Decreasing Harm (301)

Moderator: James W. Atchison, DO

Acute Pain Care in a Complex World: The Harborview Medical Center Experience

Ivan K. Lesnik, MD

The Role of Acute Care Prescribing in the Opioid Epidemic

Chad M. Brummett, MD

Urine, Oral Fluid, or Serum? Interpretation of Interactive Case Studies Using Point of Care (POC) and Laboratory-Based Tests (302)

Moderator: Paul J. Jannetto, PhD

Understanding and Interpreting Oral Fluid Testing in Pain Management Patients

Paul J. Jannetto, PhD

Understanding and Interpreting Urine Testing in Pain Management Patients

Robin J. Hamill-Ruth, MD

Understanding and Interpreting Serum Testing in Pain Management Patients

Loralie J. Langman, PhD

Not All Headaches Are Migraines! A Practical Approach to Cranial Neuralgias, Unilateral, and Medication-Overuse Headaches (303)

Moderator: James C. Watson, MD

A Practical Approach to Cranial Neuralgias

James C. Watson, MD

Non-Migrainous Unilateral Headache

Alexander Feoktistov, MD PhD

Successful Management of Medication-Overuse Headache

Zabid H. Bajwa, MD

10:15–11:30 am

Networking Break

Visit exhibits, see scientific posters (Group 2), and attend Meet the Faculty events (10:30–11 am) in the Resource Center!

11:30 am–12:30 pm

Concurrent Sessions

CDC Guidelines: Where Do We Stand? Advocating for Physicians and Their Patients in Pain (304)

Moderator and Introduction: Steven R. Hanling, MD

A GPS for a Maze of Guidelines and Regulations

Patrice A. Harris, MD MA

CDC Opioid Guidelines: Lost in Translation

Kurt Kroenke, MD

Web-Based Multimedia Curriculum for Training in Ultrasound-Guided Pain Medicine Procedures (305)

Moderator: Matthew J. Pingree, MD

Content Creation and Demonstration

Matthew J. Pingree, MD

Assessing the Learner

Rebecca Sanders, MD

Outcome Measures and Future Directions

Thomas P. Pittelkow, DO MPH

Fake News: The Risk of Promoted Flawed Data and the Crucial Role of Evidence-Based Interventional Pain Management (306)

Moderator: Yakov Vorobeychik, MD PhD

Lumbar Medial Branch Radiofrequency Neurotomy: An EBM Overview of Selection and Technique

David J. Kennedy, MD

Epidural Steroid Injections: Evidence-Based Techniques Yield Positive Outcomes

Timothy P. Maus, MD

Practical Application of Evidence-Based Medicine Principles to the Mint Randomized Clinical Trials

Yakov Vorobeychik, MD PhD

12:30–2 pm

Networking & Lunch Break

2:15–3:15 pm

Concurrent Sessions

The New Definition(s) of Pain: Update on Pain Taxonomies, HCAHPS Metrics, and Diagnostic Systems (307)

Moderator: Patrick J. Tigbe, MD MS

The New Taxonomies of Pain: AAPT, AAAPT, HCAHPS, and ICD11

Patrick J. Tigbe, MD MS

How to Change the Discussion: Principles of Formulation and Validation of Diagnostic Criteria

Stephen Bruehl, PhD

From Publication to Practice: Clinical Impact of Updated Taxonomic Structures in Sickle Cell Disease Pain

Carlton Dampier, MD

Cannabis Conundrum! Medical Marijuana Prescribing and Integration into the Recreational Marketplace (308)

Moderator: Mark A. Ware, MD MSc

Medical Cannabis in Canada: Challenges and Opportunities

Mark A. Ware, MD MSc

Integrating Medical Marijuana into a Recreational Market: The Washington State Experience

Chris Baumgartner, BS

Visceral Pain: It Takes a Village: A Medical, Surgical, Behavioral Medicine, and Patient Team-Based Approach (309)

Moderator: Judith Scheman, PhD

Managing Acute and High-Impact Chronic Visceral Pain: Helping Take the Flame Out of IBD

Judith Scheman, PhD

Enhanced Recovery After Colorectal Surgery: Fewer Opioids, Faster Recovery, Happier Patients

Tracy Hull, MD

Paradigm Shift in the Management of Visceral Pain: From Gastroenterologist to Surgeon to Psychologist

Linda Nguyen, MD

3:15–3:30 pm

Networking Break

3:30–4:30 pm

Concurrent Sessions

Unintended Prolonged Opioid Use: An Under-Recognized Segue to Long-Term Use (310)

Moderator: W. Michael Hooten, MD

Epidemiology, Patient Factors, and Regulatory Influences

W. Michael Hooten, MD

The Role of Patient Self-Selection

Mark Sullivan, MD PhD

Negative Affect and the Mediating Role of Opioid Craving

Ajay D. Wasan, MD MSc

Extending the Perioperative Surgical Home: Interdisciplinary Strategies to Optimize Perioperative Pain Management (311)

Moderator: Jennifer Hab, MD MS

Novel Interdisciplinary Approaches to Improve Long-Term Outcomes After Surgery

Jennifer Hab, MD MS

Innovative and Established Interdisciplinary Acute Pain Interventions: Separating Fact from Fiction

David A. Edwards, MD PhD

Pathways to Implementation: Preoperative Optimization of Patients with Chronic Pain

Arun Ganesh, MD

Walking the Line in Pain and the Law: Organized Medicine, Pain Physicians, and AAPM's Work to Support Providers and Patients (312)

Moderator: Robert E. Wailes, MD

One Physician's Story

Lynn R. Webster, MD

AAPM and the AMA: Organized Medicine's Response to Protect Physicians and Patients

Robert E. Wailes, MD

How the State of Washington Applies the Law: The Frank Li Case. How Does This Apply to Me?

Micah T. Matthews, MPA CPM

AAPM 34TH ANNUAL MEETING PROGRAM | SATURDAY–SUNDAY

4:30–4:45 pm

Networking Break

4:45–5:45 pm

Concurrent Sessions

Buprenorphine/Naloxone for Pain and Opioid Use Disorder (313)

Moderator: Kristen Huntley, PhD

The Arc of the Opioid Epidemic and Adoption of Evidence-Based Practices

Kristen Huntley, PhD

Opioid Agonist Therapy for Pain and Opioid Use Disorder

William Becker, MD

Management of Buprenorphine Within the Perioperative Period

Jordan L. Newmark, MD

Pearls of Multidisciplinary Treatment of Chronic Pain the Veterans Health Administration, Medicaid, and Adolescent Populations (314)

Moderator: Friedhelm Sandbrink, MD

Team Care Everywhere: Translational Lessons from the VA's Stepped Care Model for Pain

Friedhelm Sandbrink, MD

Lessons Learned from Clinical and Insurer Perspectives in Treating the Medicaid Population

Tobias Moeller Bertram, MD PhD

A Snippet into the Life of Adolescent Chronic Pain

Melissa Geraghty, PsyD

Challenging Neuropathic Pain Syndromes: Small Fiber Neuropathy, Erythromelalgia, and Central Neuropathic Pain (315)

Moderator: James C. Watson, MD

Unique Treatments for Small Fiber Neuropathy, Erythromelalgia, and Central Neuropathic Pain Syndromes

James C. Watson, MD

Small Fiber Neuropathy, Erythromelalgia, and Central Neuropathic Pain: Unique Treatments

Paola Sandroni, MD PhD

SUNDAY, APRIL 29

7-7:50 am

GENERAL SESSION IV (105)

Guidelines for the Use of Ketamine to Treat Acute and Chronic Pain

An expert panel will offer insight into key findings on indications for the use of ketamine, optimal dosing, physiological monitoring, and contraindications from a newly developed clinical guideline.

Moderator: Steven P. Cohen, MD

Pre-Treatment Testing and Monitoring for Ketamine Infusions

Robert W. Hurley, MD, PhD

Contraindications for Ketamine Infusions

Ajay D. Wasan, MD MSc

Clinical Indications and Treatment Effects of Ketamine for Chronic Pain

W. Michael Hooten, MD

8 am–12:45 pm

NEW! Special Topics in Pain Medicine Tracks

Included with AAPM 34th Annual Meeting registration are three extended 4-hour special topic tracks. Attendees can select to attend the full Cancer/Palliative Care, NANS Neuromodulation, or Behavioral Health track Sunday morning, or mix and match track sessions and presentations throughout the morning.

Cancer/Palliative Care Track

This innovative interdisciplinary track brings together experts in managing pain and collateral symptoms in the cancer patient, recognizing new pain problems resulting from novel therapies, emphasizing the utility of interdisciplinary assessment and management approaches, and considering contexts for providing palliative care strategies.

NANS Neuromodulation Track: Spinal Cord Stimulation (SCS) Mechanisms: Indications and Best Practices

In the past several years, technological advances in spinal cord stimulation (SCS) has led to significant and rapid improvement in outcomes. This program will present advances in SCS, including current understanding of mechanism of action, emerging wave form modalities, and evidence-based data supporting expanded patient selection and disease specific indications.

Behavioral Medicine Track: A Behavioral Medicine Workshop for Healthcare Professionals

Back by popular demand, this interactive basic and advanced skills workshop will give participants a solid understanding of the biopsychosocial model of pain. Targeted outcomes include increased confidence and the ability to facilitate patient receptivity and engagement in behavioral pain medicine. Attendees will leave with clinical toolkits, enduring resources, and scripts for difficult topics.

8–9 am

Concurrent Special Topics in Pain Medicine Tracks

Cancer/Palliative Care Track—Curing Cancer May Hurt: Updates and Strategies for Managing Treatment-Related Cancer Pain (401)

Moderator: Larry C. Driver, MD

Advances in Radiation Treatments and Resultant Pain Syndromes in the Oncologic Population

Vinay Puttanniah, MD

Advances in Oncologic Surgical Pain Treatments: ERAS Protocols and Chronic Surgical Pain Syndromes

Thomas Van de Ven, MD PhD

Emerging Pain Syndromes and Treatment Options for Newer Chemo- and Immunotherapies

Amitabh Gulati, MD

NANS Neuromodulation Track—Spinal Cord Stimulation (SCS) Mechanisms Session 1 of 4: Indications and Best Practices (402)

Welcome and Introduction: B. Todd Sitzman, MD MPH

Spinal Cord Stimulation in Chronic Pain: Mode of Action

Ricardo Vallejo, MD PhD

SCS Patient Selection Considerations and Disease Specific Indications

B. Todd Sitzman, MD MPH

Behavioral Medicine Track—A Behavioral Medicine Workshop for Healthcare Professionals Session 1 of 4: Advanced Skills Target High-Impact Chronic Pain! (403)

Moderator: Beth D. Darnall, PhD

The Science of Pain Psychology

Beth D. Darnall, PhD

9–9:15 am

Networking Break

9:15–10:15 am

Concurrent Special Topics in Pain Medicine Tracks

Cancer/Palliative Care Track—Palliative Care and Pain Medicine: The “Naughty Patient,” Yes or No to Cannabis? The Cancer Is Gone but the Opioids Are Not (404)

Moderator: Larry C. Driver, MD

Rising to the Challenge of the “Naughty Patient”: Identifying and Managing Aberrant Opioid Use Behaviors in Patients with a Serious Illness

Halena Gazelka, MD

Give Them What They Want?: Yes or No to Cannabis for Patients with Serious Illness

Jacob J. Strand, MD

The Cancer Is Gone—Now What to Do with the Opioids? Managing Chronic Pain in Cancer Survivors

Mibir M. Kamdar, MD

NANS Neuromodulation Track: Spinal Cord Stimulation (SCS) Mechanisms Session 2 of 4: Indications and Best Practices (405)

Moderator: B. Todd Sitzman, MD MPH

Value of Psychological Evaluation Prior to Neuromodulation Therapy

Daniel M. Doleys, PhD

Spinal Cord Stimulation for Back and Leg Pain

Kasra Amirdelfan, MD

Behavioral Medicine Track—A Behavioral Medicine Workshop for Healthcare Professionals Session 2 of 4: Advanced Skills Target High-Impact Chronic Pain! (406)

Moderator: Jennifer L. Murphy, PhD

Buying Into Biopsychosocial

Jennifer L. Murphy, PhD

10:15–10:30 am

Networking Break

10:30–11:30 am

Concurrent Special Topics in Pain Medicine Tracks

Cancer/Palliative Care Track—Rapidly Changing Paradigms in Oncologic Pain Medicine in an Era of Prescribing Scrutiny (407)

Moderator: Larry C. Driver, MD

Modifying the WHO Ladder with Newer Opioid Treatment Strategies

Amitabh Gulati, MD

Establishing Safe Prescribing and Monitoring Habits for Cancer Patients on Opioid Therapy

Dhanalaksbmi Koyyalagunta, MD

Starting Multimodal Cancer Pain Techniques to Address the Opioid Crisis in the Oncologic Population

Vinay Puttanniab, MD

NANS Neuromodulation Track—Spinal Cord Stimulation (SCS) Mechanisms Session 3 of 4: Indications and Best Practices (408)

Moderator: B. Todd Sitzman, MD MPH

Spinal Cord Stimulation for Neck and Upper Extremity Pain

Kasra Amirdelfan, MD

Spinal Cord Stimulation for Painful Peripheral Neuropathy

Peter S. Staats, MD

Behavioral Medicine Track—A Behavioral Medicine Workshop for Healthcare Professionals Session 3 of 4: Advanced Skills Target High-Impact Chronic Pain! (409)

Moderator: Sara Davin, PsyD

Strategies for Improving Challenging Interactions and Optimizing Outcomes for High-Impact Chronic Pain: Identification and Treatment Planning and Communication Skills

Sara Davin, PsyD

Advanced Application/Skill Building Workshops/ Panel Discussion

Beth D. Darnall, PhD

Sara Davin, PsyD

Jennifer L. Murphy, PhD

Judith Scheman, PhD

11:30–11:45 am

Networking Break

11:45 am–12:45 pm

Concurrent Special Topics in Pain Medicine Tracks

Cancer/Palliative Care Track—The Interdisciplinary Cancer Pain Management Collaborative: Patient-Centered Teamwork (410)

Moderator: Larry C. Driver, MD

AAPM 34TH ANNUAL MEETING PROGRAM | SUNDAY

The Interventional Pain Doctor's Collaborative Role in Diagnosis, Treatment, and Triage of Cancer Pain Patients.

David A. Edwards, MD PhD

The Functional Neurosurgeon's Role: Operative Cancer Pain Treatment: Who Is a Good Candidate and Who Isn't

Hamid Shab, MD

The Oncologist's Role: Triaging Patients in Pain—Crucial Information for Interventional Collaborators

Barbara Murphy, MD

NANS Neuromodulation Track—Spinal Cord Stimulation (SCS) Mechanisms Session 4 of 4: Indications and Best Practices (411)

Moderator: B. Todd Sitzman, MD MPH

Best Practices in Spinal Cord Stimulation: Pre-, Intra- and Post-Operative Safeguards

B. Todd Sitzman, MD MPH

Q&A Panel

Kasra Amirdelfan, MD

Daniel M. Doleys, PhD

Peter S. Staats, MD

B. Todd Sitzman, MD MPH

Ricardo Vallejo, MD PhD

Behavioral Medicine Track—A Behavioral Medicine Workshop for Healthcare Professionals Session 4 of 4: Advanced Skills Target High-Impact Chronic Pain! (412)

Moderator: Judith Scheman, PhD

Strategies for Improving Challenging Interactions and Optimizing Outcomes for High-Impact Chronic Pain: Challenging Case Examples and Interactive Workshop

Judith Scheman, PhD

Role Plays and Panel Discussion

Beth D. Darnall, PhD

Sara Davin, PsyD

Jennifer L. Murphy, PhD

Judith Scheman, PhD

12:45 pm

Meeting Adjournment

SAVE THE DATE!

Mark your calendar for the AAPM 35th Annual Meeting & Preconferences, **March 6–10, 2019**, in **Denver, CO**.

Support a Fellows Scholarship

AAPM provides future leaders in the pain medicine field the opportunity to engage with current thought leaders and researchers through the AAPM Pain Medicine Fellows Scholarship. The scholarship program is offered annually to fellows currently enrolled in an accredited ACGME or AOA Pain Medicine Fellowship Program.

Scholarships cover registration to attend the AAPM Annual Meeting and preconference programs, a 1-year AAPM membership, and a monetary award to be used to offset travel and lodging expenses.





AAPM MEMBERSHIP APPLICATION

Welcome to the premier organization for pain medicine physicians and members of their treatment teams. Visit painmed.org to view all your AAPM membership has to offer.

Join and register today! See section B on page 18 for special join-and-register rates.

Active Physician Members are physicians (MDs or DOs) who have an unrestricted license to practice medicine in the United States or Canada.

Documents required: Completed application form and dues payment. Medical license will be verified online. Please provide the appropriate information in your application.

International Members are physicians (MDs or DOs) who have a license to practice medicine in their country of origin outside of the United States and Canada.

Documents required: Completed application form, dues payment, and copy of medical license.

Affiliate Members are nonphysician professionals in the United States or Canada who are clinical healthcare professionals involved in direct care of patients with pain (clinical practice affiliates) or whose principal professional responsibilities support the field of pain management (nonclinical affiliates).

Clinical Practice Affiliate Members must be (or eligible to be) licensed, registered, or certified in good standing in a healthcare profession that provides direct patient care as part of a pain care team. The healthcare provider license must be in good standing and will be verified online.

Nonclinical Affiliate Members do not provide direct patient care but their principal professional responsibilities support the field of pain medicine. Applicants must provide a resume or curriculum vitae and a signed application from their employers if applicable.

Residents and Trainees must provide a letter from their current department head or program director, verifying enrollment and good standing. Visit painmed.org/membercenter for specific member requirements. Please indicate medical license information below if applicable.

Students must provide a letter from their institution, verifying enrollment and good standing in an accredited graduate-level program. Visit painmed.org/membercenter for specific member requirements.

Membership will be officially activated once approved by AAPM's Membership Department.

Please note that join-and-register offers for the 2018 Annual Meeting are not available for individuals who are affiliated with a pharmaceutical company; device manufacturer; medical, healthcare education, or communications company; screening lab; or other AAPM sponsor or exhibitor.

- Active Physician Membership (\$390)
- International Membership (\$290)
- Clinical Practice Affiliate (\$190)
- Nonclinical Affiliate (\$190)

Home Preferred Mailing Address

Name _____

Address _____

City _____

State _____

Zip Code _____

Phone _____

Fax _____

E-mail _____

- Affiliate Student membership (\$0) graduation date: _____
- Medical Student membership (\$0) graduation date: _____
- Resident (\$0) graduation date: _____
- Trainee in fellowship program (\$0) graduation date: _____

Office Preferred Mailing Address

Name _____

Facility Name _____

Address _____

City _____

State _____

Zip Code _____

Phone _____

Fax _____

E-mail _____

Date of Birth _____ What is your specialty of origin? _____

Area of expertise: _____

Primary work setting: _____

Highest degree earned: _____

Primary position: _____

Board certification earned: _____

Primary responsibility: _____

Primary specialty: _____

Number of patients you personally see each week:

- | | | |
|--|----------------------------------|--|
| <input type="checkbox"/> Fewer than 25 | <input type="checkbox"/> 75-99 | <input type="checkbox"/> 150-174 |
| <input type="checkbox"/> 25-49 | <input type="checkbox"/> 100-124 | <input type="checkbox"/> 175-200 |
| <input type="checkbox"/> 50-74 | <input type="checkbox"/> 125-149 | <input type="checkbox"/> More than 200 |

Required: Professional Licensure: Type _____ State _____ Date _____ License Number _____

Is your license restricted? yes no If yes, please explain _____

Are you a member of the American Medical Association? yes no

Are you a member of another professional medical association? yes no If yes, which one(s): _____

Physicians only: Are you a Diplomate of the American Board of Pain Medicine? yes no Years of Experience in Pain Medicine _____

Payment: See registration form on page 18 for payment options.

American Academy of Pain Medicine

PO Box 3781 | Oak Brook, IL 60522 | 847.375.4731 | fax 847.375.6477 | info@painmed.org | painmed.org

Do you have a question about membership? Contact AAPM Member Services at 847.375.4731 or at info@painmed.org



34TH ANNUAL MEETING & PRECONFERENCES REGISTRATION FORM

April 26–29, 2018 • Vancouver, BC, Canada

Preconference sessions: April 25–26, 2018

FOR OFFICE USE ONLY

Customer # _____ Mtg Ord # 1- _____

Date _____

Please type or print clearly. Use a separate form for each registrant.

Full name _____ First name for badge _____ Credentials _____

Facility _____ Facility City/State _____

Primary Work Setting _____

Preferred address (home office) _____ City/State/ZIP _____

Contact information listed here will be included in the attendee registration list that is distributed at the meeting. You may opt to have your contact information removed from this list by checking here.

Home phone _____ Office phone _____ Specialty _____

E-mail (required) _____ Check here if this will be your first AAPM Annual Meeting.

Emergency contact name _____ Day phone _____ Evening phone _____

AAPM Annual Meeting, April 26–29 A

	By 2/28	After 2/28
Nonmember/Industry*	<input type="checkbox"/> \$880	<input type="checkbox"/> \$980
AAPM Physician Member	<input type="checkbox"/> \$680	<input type="checkbox"/> \$780
AAPM Affiliate Member/Military/VA/DoD**	<input type="checkbox"/> \$400	<input type="checkbox"/> \$500
AAPM Student, Resident, or Trainee Member	<input type="checkbox"/> \$200	<input type="checkbox"/> \$200

AAPM Join and Register Annual Meeting, April 26–29 B

See page 17 for membership information.

	By 2/28	After 2/28
AAPM Physician Member	<input type="checkbox"/> \$970	<input type="checkbox"/> \$1070
AAPM Affiliate Member	<input type="checkbox"/> \$500	<input type="checkbox"/> \$600
AAPM Student, Resident, or Trainee Member	<input type="checkbox"/> \$200	<input type="checkbox"/> \$200

One-Day Registration: Friday, Saturday, or Sunday C

	<input type="checkbox"/> Friday, April 27 or <input type="checkbox"/> Saturday, April 28		<input type="checkbox"/> Sunday, April 29	
	By 2/28	After 2/28	By 2/28	After 2/28
Nonmember/Industry*	<input type="checkbox"/> \$425	<input type="checkbox"/> \$525	<input type="checkbox"/> \$200	<input type="checkbox"/> \$300
AAPM Physician Member	<input type="checkbox"/> \$325	<input type="checkbox"/> \$425	<input type="checkbox"/> \$150	<input type="checkbox"/> \$250
AAPM Affiliate Member/Military/VA/DoD**	<input type="checkbox"/> \$200	<input type="checkbox"/> \$300	<input type="checkbox"/> \$100	<input type="checkbox"/> \$200
AAPM Student, Resident, or Trainee Member	<input type="checkbox"/> \$150	<input type="checkbox"/> \$150	<input type="checkbox"/> \$75	<input type="checkbox"/> \$75

Subtotal Boxes A–C \$ _____

Guest Registration D

Number of guest badges _____ x \$180

Guest name(s) _____

Subtotal Box D \$ _____

Giving Opportunities E

Yes! I would like to support a Pain Medicine Fellows Scholarship. \$ _____

Yes! I'd like to support the AAPM Foundation. \$ _____

Subtotal Box E \$ _____

Pain Medicine Best Practices: Integrative Solutions for Critical Challenges Preconference, April 25 F

	By 2/28	After 2/28
Nonmember/Industry*	<input type="checkbox"/> \$525	<input type="checkbox"/> \$625
AAPM Physician Member	<input type="checkbox"/> \$450	<input type="checkbox"/> \$550
AAPM Affiliate Member/Military/VA/DoD**	<input type="checkbox"/> \$375	<input type="checkbox"/> \$475
AAPM Student, Resident, or Trainee Member	<input type="checkbox"/> \$250	<input type="checkbox"/> \$250

Subtotal Box F \$ _____

Interdisciplinary/Multidisciplinary Pain-Based Care Preconference, April 26 G

	By 2/28	After 2/28
Nonmember/Industry*	<input type="checkbox"/> \$525	<input type="checkbox"/> \$625
AAPM Physician Member	<input type="checkbox"/> \$450	<input type="checkbox"/> \$550
AAPM Affiliate Member/Military/VA/DoD**	<input type="checkbox"/> \$375	<input type="checkbox"/> \$475
AAPM Student, Resident, or Trainee Member	<input type="checkbox"/> \$250	<input type="checkbox"/> \$250

Subtotal Box G \$ _____

TOTAL H

Be sure to complete all boxes. (A through G) \$ _____

Concurrent Session Selections, April 27–29 I

Friday, April 27

11 am–Noon	1:45–2:45 pm	3:45–4:45 pm	5–6 pm
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Saturday, April 28

9:15–10:15 am	11:30 am–12:30 pm	2:15–3:15 pm	3:30–4:30 pm	4:45–5:45 pm
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Sunday, April 29

8–9 am	9:15–10:15 am	10:30–11:30 am	11:45 am–12:45 pm
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Special Requests J

I will require special assistance. Please contact me.

I will need a vegetarian meal.

I will need a kosher meal.

4 Easy Ways to Register/Join

- **Online**
painmed.org
(Credit card payment only)
- **Phone**
847.375.4731
(Credit card payment only)
- **Fax**
847.375.6477
(Credit card payment only)
- **Mail**
AAPM Annual Meeting
PO Box 3781, Oak Brook, IL 60522

Payment MasterCard Visa American Express Discover Check (enclosed) # _____

- Make check payable to AAPM.
- A charge of \$75 will apply to checks returned for insufficient funds.
- If rebilling of a credit card charge is necessary, a \$75 processing fee will be charged.
- I authorize AAPM to charge the above-listed credit card amounts reasonably deemed by AAPM to be accurate and appropriate.

Account number _____

Expiration date _____

Cardholder's name (Please print) _____

Signature _____

If payment does not accompany this form, registration will not be processed. Full payment must be postmarked on or before February 28, 2018, to qualify for early bird rates. A \$50 fee will be applied to onsite registration. **Cancellation Policy:** All cancellations must be submitted in writing. A \$100 processing fee applies to all cancellations. All refunds will be processed after the Annual Meeting. Refunds will not be made on cancellations postmarked after March 26, 2018.

*Industry attendees must register at the industry rate regardless of membership status.

**Note: Military rate applies to active duty service members and DoD and VA employees with a current ID presented onsite.

Registration*

Register online at annualmeeting.painmed.org or complete and return the enclosed registration form by mail or fax. Call 847.375.4731 to register by phone. Register by February 28, 2018, to take advantage of early-bird pricing. Advance registration is available until April 20, 2018; after this date you must register onsite at the Annual Meeting, and the rates will increase.

Registration Cancellation Policy

All cancellations must be submitted in writing. A \$100 processing fee applies to all cancellations. All refunds will be processed after the Annual Meeting. Refunds will not be made on cancellations postmarked after March 26, 2018.

Disclaimer

AAPM Annual Meeting & Preconferences schedules and faculty are subject to change and cancellation. If AAPM must cancel a meeting, registrants will receive a full credit or refund, minus a processing fee of \$100. AAPM is not liable for any other loss, cost, or expense, however caused, incurred, or arising from cancellation.

Americans with Disabilities Act

AAPM wishes to ensure that no individual with a disability is excluded, denied services, segregated, or otherwise treated differently from other individuals because of the absence of auxiliary aids and services. If you require any auxiliary aids or services to attend any AAPM program, please contact the AAPM Member Services team by phone at 847.375.4731 or by e-mail at info@painmed.org at least 4 weeks in advance of the program.

Join and Register*

AAPM members receive reduced-price registration rates. Members consistently rank the Annual Meeting as one of the most important membership benefits. **Not a member? Join today to take advantage of special join-and-register rates and become part of the premier association for pain.* The deadline to secure reduced join-and-register pricing is April 20, 2018.**

There are three easy ways to join and register:

1. Visit painmed.org/membercenter.
2. Call AAPM Member Services at 847.375.4731.
3. Complete the enclosed registration form and application and mail to the address indicated.

In addition to reduced-price meeting registration, AAPM members enjoy the following benefits:

- a subscription to *Pain Medicine*, a monthly peer-reviewed indexed journal.
- reduced member pricing on on-demand education products.
- a subscription to *AAPM e-News*, a biweekly e-newsletter with the most current information on pain medicine.
- access to an online library of pain medicine resources, position statements, and coding information.
- access to AAPM's Career Center.

**Individuals who are affiliated with a pharmaceutical company; device manufacturer; medical, healthcare education, or communications company; screening lab; or other AAPM sponsor or exhibitor are not eligible for join-and-register rates. Industry attendees must register at the industry rate regardless of membership status.*

Continue Your Education On-Demand

New in 2018, take Preconferences and Annual Meeting sessions home with you to continue your learning on-demand. Preorder the following on-demand courses* when you complete your AAPM Annual Meeting registration online or over the phone and save 50%:

AAPM 34th Annual Meeting On-Demand

The AAPM 34th Annual Meeting includes more than 40 educational sessions highlighting the most relevant and timely topics in pain medicine. With so many sessions taking place over just a few days, it's impossible to view each presentation live throughout the course of the Annual Meeting. AAPM 34th Annual Meeting On-Demand allows you to view presentations you weren't able to attend live in Vancouver or refer back to content of interest with a full library of Annual Meeting session voiceover PowerPoint videos – all from the comfort of your home or office

Pain Medicine Best Practices: Integrative Solutions for Critical Challenges On-Demand

A compilation of video-recorded presentations and presenter slides from the AAPM Pain Medicine Best Practices Preconference program, which will instruct participants on how to optimize the management of chronic pain with opioid analgesics and non-opioid therapies.

Interdisciplinary/Multidisciplinary Pain-Based Care On-Demand

A compilation of video-recorded presentations and presenter slides from the Interdisciplinary/Multidisciplinary Pain-Based Care Preconference that will provide a broad stakeholder examination of multi- and inter-disciplinary pain management programs.

Learn more at annualmeeting.painmed.org and preorder on-demand courses to save **50%** when you register for the 2018 AAPM Annual Meeting.

**CME is not available for 2018 AAPM Annual Meeting & Preconference on-demand courses. Prices increase at the conclusion of the live Annual Meeting event on April 29, 2018, 12 pm PT. The on-demand course will be available in the AAPM Education Center within 6 weeks of the Annual Meeting. Specific presentations within a session may not be available or may be audio only if the presenter has confidential patient information or otherwise declines to be recorded.*



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AAPM 34th Annual Meeting & Preconferences

Vancouver Convention Centre | Vancouver, BC, Canada

ANNUAL MEETING: APRIL 25-29, 2018

Register now for the must-attend pain medicine meeting
of the year at annualmeeting.painmed.org.

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- Experience more than 30 hours of **premier accredited pain medicine education**.
- Attend **hands-on preconference courses**.
- **Network** with fellow pain medicine clinicians.
- **Explore Vancouver** and all that this beautiful meeting destination has to offer.