NEW CONFERENCE

Breakthroughs in Neurology
January 12–15, 2018 • Orlando, Florida
Translating Today’s Discoveries into Tomorrow’s Clinics
AAN.com/view/Breakthroughs

Career Essentials Conference
January 13–15, 2018 • Orlando, Florida
Foundation for Your Future
AAN.com/view/CareerEssentials

Housing Deadline: December 8, 2017
Early Registration Deadline: January 3, 2018
Translating Today’s Discoveries into Tomorrow’s Clinics

Why Attend?

• **Topics:** Experience top neurology programming, led by experts in the field.
• **CME:** Earn up to 25.25 CME, 11.25 of which qualify for self-assessment CME.
• **Networking:** Receive ample opportunities to interact with faculty and colleagues.

Program Highlights:

• **NEW! Neuroscience in the Clinic Sessions:** Learn how to incorporate the latest scientific research into your daily practice with a mix of scientists and clinicians presenting on real-life cases covering a variety of disease states.
• **Best of the Annual Meeting:** Hear from leading researchers within the Hot Topics and Contemporary Clinical Issues Plenary Sessions.
• **Practice Management Programs:** Discover hot topics such as building a care team and getting paid in the future.
• **Exhibit Hall Presentation Stage:** Visit the Exhibit Hall for the “Is There a Neurologist on This Flight?” presentation and the “Ask Me Anything” panel featuring experts in stroke and MS.
• **Neurology MOC Prep Course:** Get help preparing for the ABPN recertification exam.

“The beautiful Caribe Royale Orlando will offer a welcoming winter retreat for a review of the very best in neurology from the past year. From the latest science from our top experts – to the latest education and practice management advice, and of course, help preparing for the ABPN board recertification – Breakthroughs in Neurology has you covered. I look forward to seeing you this January in sunny Florida!”

– Natalia S. Rost, MD, MPH, FAAN
Chair, Science Committee

Current as of 9/11/17. The American Academy of Neurology reserves the right to make programming and/or exhibition changes with or without notice. The AAN Breakthroughs in Neurology Conference programming is geared toward practitioners, academicians, residents, fellows, practice managers, and office administrators.
Foundation for Your Future

Why Attend?

- **Foundation for Your New Career**: Designed specifically for neurologists in private practice and academia who are zero to five years post-residency, the conference offers an excellent opportunity to learn “things you were not taught in residency.”
- **CME**: Earn up to 8.5 CME.
- **Family Friendly**: There will be time not only to experience excellent programming, but to enjoy the thrill of Orlando! Bring the whole family to a special reception on Saturday, January 13, with food, beverages, and a variety of games and activities for all ages.

Program Highlights:

- **Business Basics**: Get the foundation you need to succeed, from effective negotiation tactics to application of sound business strategies, and tools to maintain and grow income in current and future financial models.
- **Effective Communication**: Discover techniques to improve daily—and difficult—patient encounters, and hone effective communication skills with colleagues, employees, supervisors, and practice administrators.
- **Teledneurology**: Find out what you need to know about this in-demand and growing practice that improves access to neurology.
- **MACRA/MIPS**: Gain an understanding of the Medicare Access and CHIP Reauthorization Act (MACRA), its impact on care, costs, and increased administrative burden, and how to implement it into your practice.
- **Wellness Presentations**: Experience 30-minute activities to reinforce the importance of maintaining health, self-care, and stress management—for you and your patients.
- **Financial Planning**: Learn about everything from student loan management and repayment strategies to long-term financial planning and decision-making.
- **CME**: Earn up to 8.5 CME.
- **Expert Faculty**: Get ready access to top experts.

**Special Social Reception: Saturday, January 13**

Enjoy socializing with your fellow attendees, their significant others, and their families. Delicious food, beverages, and a variety of games and activities will be available for all ages.

**Resource Center**

Visit the Resource Center to explore information, tools, and tips that are unique to early career neurologists and meet with exhibitors and vendors.

Go to page 23 for all of the details on the Career Essentials Conference.
Meeting-at-a-Glance

Friday, January 12
8:00 a.m.–10:00 a.m.
• Multiple Sclerosis in Advanced Age: From Diagnosis to End of Life
• Zika Virus: Neurological Complications and Updates

10:15 a.m.–11:45 a.m.
• Getting Paid in the Future: Accountable Care Organizations, Alternate Payment Models, Value-based Purchasing, MIPS...and Then Some

11:30 a.m.–1:00 p.m.
• Exhibit Hall Open

11:45 a.m.–12:45 p.m.
• Presentation Stage: Is There a Neurologist on This Flight?

1:15 p.m.–3:15 p.m.
• Neuroscience in the Clinic: Treatment of Progressive Multiple Sclerosis
• Neuroscience in the Clinic: Emerging Neurological Infections

3:30 p.m.–5:00 p.m.
• Hot Topics Session

5:00 p.m.–6:30 p.m.
• Exhibit Hall Open

Saturday, January 13
8:00 a.m.–10:00 a.m.
• Epilepsy: Optimizing Care in Challenging Clinical Scenarios
• Neuromuscular Treatment Updates: Myasthenia Gravis and Motor Neuron Disease

9:45 a.m.–10:15 a.m.
• Exhibit Hall Open

10:15 a.m.–11:45 a.m.
• Building Care Teams (Doctors, Advanced Practice Providers, Pharmacists, Emotional Support, and Patient Navigators)

11:30 a.m.–1:00 p.m.
• Exhibit Hall Open

11:45 a.m.–12:45 p.m.
• “Ask Me Anything” Panel Discussion: Cerebrovascular Disease and Multiple Sclerosis

1:15 p.m.–3:15 p.m.
• Neuroscience in the Clinic: Epilepsy
• Neuroscience in the Clinic: Neuromuscular

3:30 p.m.–5:00 p.m.
• Contemporary Clinical Issues Session

5:00 p.m.–6:00 p.m.
• ABPN Maintenance of Certification Informational Session

Sunday, January 14
8:00 a.m.–5:00 p.m.
• Neurology MOC Prep Course

Monday, January 15
8:00 a.m.–12:00 p.m.
• Neurology MOC Prep Course, continued
Visit the Breakthroughs in Neurology Exhibit Hall

Showcasing valuable products and services from the neurologic community to help you with practice management and patient care. Complimentary food and beverage is available during exhibit hall hours to registered attendees.

Please visit the conference website for the most up-to-date exhibit information.

**Friday, January 12**
- 11:30 a.m.–1:00 p.m.
- 5:00 p.m.–6:30 p.m.

**Saturday, January 13**
- 9:45 a.m.–10:15 a.m.
- 11:30 a.m.–1:00 p.m.

Program Materials Are Available Online Only

NEW! AAN Conferences App

The AAN is expanding its Annual Meeting app to feature event apps for all AAN conferences. The Conference Mobile App puts all the information you need conveniently on your phone or tablet:

- View and customize your program schedule
- Access program materials and evaluations
- See what’s happening at the meeting using the social stream feature
- Get answers to frequently asked questions
- Stay in the know with up-to-the-minute alerts

The Breakthroughs in Neurology and Career Essentials Conference app will be available in December 2017. Be on the lookout for an email when the app launches!
Multiple Sclerosis in Advanced Age: From Diagnosis to End of Life

Program Director
Gabriele C. De Luca, MD, PhD, Oxford, United Kingdom

Program Description
Multiple sclerosis (MS) is a chronic inflammatory and degenerative disease of the central nervous system that typically first manifests in young adults. With an aging population and increasing prevalence of MS, there is heightened awareness that MS can present later in life and its clinical outcomes can be adversely impacted by age-related comorbidities. These factors along with the inherent complexity and heterogeneity of the disease pose unique challenges to the clinician in the diagnosis, treatment, and end of life care of MS in advanced age. This multidisciplinary program covers the breadth of these topics to provide clinicians with the foundation necessary to provide the highest standard of care to this increasingly common, but relatively neglected, MS patient group.

Learning Objectives
- Participants should be able to: Recognize common diagnostic pitfalls and treatment considerations of MS in advanced age; Understand the range of age-related comorbidities in people with MS and their impact on clinical outcome; Appreciate the pathological features of MS in the elderly; Demonstrate awareness of the complexities of palliative care in MS.

Recommended Audience
Practitioners, Trainees, General Neurologists, Fellows, Academicians, Specialist Neurologists, Non-neurologists, Residents, Nurses, Neurohospitalists, Advanced Practice Providers

Core Competencies
Patient Care, Medical Knowledge, Practice-based Learning and Improvement

Program Timeline

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 a.m. – 8:05 a.m.</td>
<td>Introduction</td>
<td>Gabriele C. De Luca, MD, PhD, Oxford, United Kingdom</td>
</tr>
<tr>
<td>8:05 a.m. – 8:30 a.m.</td>
<td>Diagnostic Challenges and Treatment Considerations in Late Onset MS</td>
<td>Mark Keegan, MD, Rochester, MN</td>
</tr>
<tr>
<td>8:30 a.m. – 8:55 a.m.</td>
<td>Age-related Co-morbidities in MS</td>
<td>Faculty</td>
</tr>
<tr>
<td>8:55 a.m. – 9:20 a.m.</td>
<td>MS Pathology in Old Age</td>
<td>Gabriele C. De Luca, MD, PhD, Oxford, United Kingdom</td>
</tr>
<tr>
<td>9:20 a.m. – 9:45 a.m.</td>
<td>Palliative Care in MS</td>
<td>Maisha Robinson, MD, MS, Jacksonville, FL</td>
</tr>
<tr>
<td>9:45 a.m. – 10:00 a.m.</td>
<td>Questions and Answers</td>
<td>Faculty</td>
</tr>
</tbody>
</table>
Zika Virus: Neurological Complications and Updates

CME: 2 hours
8:00 a.m.–10:00 a.m

Program Director
Marie Francisca Grill, MD, Phoenix, AZ

Program Description
Zika virus is an emerging flavivirus transmitted by Aedes aegypti and Aedes albopictus mosquitoes. Zika has quickly established a reputation for neurotropism with associated cases of acute flaccid paralysis thought to be secondary to Guillain-Barré syndrome, and of microcephaly due to congenital Zika infection. Case reports and case series will be reviewed to highlight the spectrum of Zika-related neurological complications. Epidemiological and scientific updates will be provided.

Learning Objectives
Participants should become familiar with the epidemiology, transmission, clinical presentations, and neurological syndromes associated with Zika virus infection, as well as scientific updates.

Recommended Audience
Practitioners, Trainees, General Neurologists, Fellows, Academicians, Specialist Neurologists, Non-neurologists, Residents, Nurses, Neurohospitalists, Advanced Practice Providers

Core Competencies
Patient Care, Medical Knowledge

Program Timeline
8:00 a.m.–10:00 a.m. Zika Virus: Neurological Complications and Updates Faculty
Getting Paid in the Future: Accountable Care Organizations, Alternate Payment Models, Value-based Purchasing, MIPS…and Then Some

Program Director
Brad C. Klein, MD, MBA, FAAN, Willow Grove, PA
Lyell K. Jones, MD, FAAN, Rochester, MN

Program Description
As providers move to reimbursement models that focus on value-based care, current programs continue to evolve while new models develop. Furthermore, the impact of these programs on providers’ time, effort, and personal finances may be opaque. This course will provide a broad overview of current and future value-based care approaches for practicing neurologists in academic and private practice settings; discuss and clarify key considerations, including utilization of quality metrics, cost assessment, and risk adjustment; and shed light into potential impact on neurologists and assist them in their ability to succeed and/or lead within these models. Neurologists will also learn about value-based care options that can be performed independently, such as utilization of qualified clinical data registries like the Axon Registry.

Learning Objectives
Participants should be able to understand importance of moving towards a value-based reimbursement model; understand major differences among the various value-based care models and how they operate; understand considerations necessary prior to joining a value-based model, including strategic skill sets needed to be successful in each model, and a better appreciation of value-based care options outside these models like the Axon Registry; and understand implications of legislation on regulations impacting neurologists such as MACRA.

Recommended Audience
Practitioners, Trainees, General Neurologists, Fellows, Academicians, Specialist Neurologists, Residents, Neurohospitalists

Core Competencies
Patient Care, Practice-based Learning and Improvement, Systems-based Practice

Program Timeline

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:15 a.m.–10:55 a.m.</td>
<td>Deciphering Payment Models: Making Sense of It All</td>
<td>Brad C. Klein, MD, MBA, FAAN, Willow Grove, PA</td>
</tr>
<tr>
<td>10:55 a.m.–11:35 a.m.</td>
<td>MIPS and the Axon Registry: What It Means to You</td>
<td>Lyell K. Jones, MD, FAAN, Rochester, MN</td>
</tr>
<tr>
<td>11:35 a.m.–11:45 a.m.</td>
<td>Questions and Answers</td>
<td>Faculty</td>
</tr>
</tbody>
</table>
Presentation Stage: Is There a Neurologist on This Flight?

CME: 1 hour
11:45 a.m.–12:45 p.m.

Program Director  
Joseph I. Sirven, MD, FAAN, Phoenix, AZ

Program Description
Flying is one of the most common transportation means in the US; however, with ever more crowded planes, neurologists and all health professionals are often tasked with coming to the aid of fellow passengers in air emergencies. What are the rules of such encounters? What exactly is available on a plane that can help a patient in need of care? Through a highly interactive session, answers are provided so that the next time a flight attendant asks “Is there a neurologist on this flight?” you are prepared.

Learning Objectives
Participants should become familiar with the process and equipment that airlines follow for in flight emergencies and understand the laws that guide these encounters.

Recommended Audience
Practitioners, Trainees, General Neurologists, Fellows, Academicians, Specialist Neurologists, Non-neurologists, Residents, Nurses, Advanced Practice Providers

Core Competencies
Patient Care, Interpersonal and Communication Skills, Medical Knowledge, Systems-based Practice

Program Timeline
11:45 a.m.–12:45 p.m.  
Is There a Neurologist on This Flight?  
Joseph I. Sirven, MD, FAAN, Phoenix, AZ
Neuroscience in the Clinic: Treatment of Progressive Multiple Sclerosis

Program Director
Eric Klawiter, MD, Boston, MA

Program Description
Advances in the understanding of multiple sclerosis have opened up potential therapeutic targets. While relapsing-remitting multiple sclerosis has many treatment options, many of these therapies lack efficacy in progressive MS. Faculty will discuss how to assess and follow progressive MS with a focus on the latest clinical trial results and therapeutic candidates.

Learning Objectives
Participants should become familiar with the pathogenesis of progressive multiple sclerosis and how to assess progressive multiple sclerosis. They should be equipped to improve their management of patients with progressive multiple sclerosis.

Recommended Audience
Practitioners, Trainees, General Neurologists, Fellows, Academicians, Specialist Neurologists, Non-neurologists, Residents, Nurses, Neurohospitalists, Advanced Practice Providers

Core Competencies
Patient Care, Medical Knowledge

Program Timeline

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:15 p.m.</td>
<td>Introduction</td>
<td>Eric Klawiter, MD, Boston, MA</td>
</tr>
<tr>
<td>1:20 p.m.</td>
<td>Case Studies on Progressive MS</td>
<td>Eric Klawiter, MD, Boston, MA</td>
</tr>
<tr>
<td>1:35 p.m.</td>
<td>Neuropathology of Progressive MS</td>
<td>Gabriele C. De Luca, MD, PhD, Oxford, United Kingdom</td>
</tr>
<tr>
<td>2:00 p.m.</td>
<td>MRI and Other Biomarkers for Progressive MS</td>
<td>Eric Klawiter, MD, Boston, MA</td>
</tr>
<tr>
<td>2:25 p.m.</td>
<td>Evidence-based Treatment of Progressive MS</td>
<td>Ellen M. Mowry, MD, FAAN, Baltimore, MD</td>
</tr>
<tr>
<td>2:55 p.m.</td>
<td>Discussion</td>
<td>Faculty</td>
</tr>
</tbody>
</table>
Neuroscience in the Clinic: Emerging Neurological Infections

Program Director  Kiran Thakur, MD, New York, NY

Program Description
The list of emerging and reemerging pathogens that cause neurologic syndromes is growing. Not only have advances in diagnostic methods led to the identification of novel pathogens, but also several recognized neurotropic pathogens have expanded their geographic distribution. New challenges have emerged in an increasingly immunocompromised population due to advances in the treatment of rheumatologic disease, neurological disorders including multiple sclerosis, and transplant medicine. In this program, we will provide a case-based scientific discussion highlighting updates on the most recent emerging neurological infections including Zika virus, Enterovirus D68, and Powassan virus. We will discuss factors involved in the emergence of these infections, and the current state of knowledge in the diagnosis, clinical presentation, treatment, and outcome of patients affected by these emerging neurotropic infections. We will then highlight knowledge gained from neurological manifestations of two major infectious disease outbreaks, the HIV pandemic and Ebola virus outbreak. We will discuss concepts associated with entry of infection in the brain/spinal cord, the role of immune response, and the role that the nervous system plays as a reservoir for infection. Participants attending will learn broad concepts relevant to the neurotropism of infectious diseases, and also specific clinical and scientific updates on emerging neurological infections of public health significance.

Learning Objectives
Participants should become familiar with factors associated with the emergence and reemergence of neurological infections, major updates on the science and clinical knowledge of emerging and reemerging neurological infections (i.e., Zika virus, enterovirus D68, Powassan). Participants will also learn about concepts including neurovirulence, persistence of infection in the nervous system and long-term sequelae (particularly around HIV and Ebola).

Recommended Audience
Practitioners, Trainees, General Neurologists, Fellows, Academicians, Specialist Neurologists, Non-neurologists, Residents, Neurohospitalists

Core Competencies
Medical Knowledge, Practice-based Learning and Improvement

Program Timeline

1:15 p.m.–1:20 p.m.
Introduction
Kiran Thakur, MD, New York, NY

1:20 p.m.–2:10 p.m.
Emerging Neurological Infections: Zika, EV 68, Powassan
Daniel Pastula, MD, MHS, Aurora, CO

2:10 p.m.–3:00 p.m.
Neurological Manifestations in HIV and Ebola: What Can We Learn from Historical Outbreak?
Avindra Nath, MD, MBBS, FAAN, Bethesda, MD

3:00 p.m.–3:15 p.m.
Questions and Answers
Faculty
Hot Topics Session

CME: 1.5 hours
3:30 p.m.–5:00 p.m.

Moderator
Natalia S. Rost, MD, MPH, FAAN, Boston, MA

Program Description
This session features translational research related to clinical issues of importance. Four outstanding physician-scientists provide summaries of their recent research findings and describe the clinical implications of the results.

Recommended Audience
General Neurologists, Specialist Neurologists, Non-neurologists

Core Competencies
Medical Knowledge

Program Timeline

3:30 p.m.–3:35 p.m. Welcome and Introduction
Natalia S. Rost, MD, MPH, FAAN, Boston, MA

3:35 p.m.–3:50 p.m. Dopamine Oxidation Mediates a Human-specific Cascade of Mitochondrial and Lysosomal Dysfunction in Parkinson’s Disease
Dimitri Krainc, MD, PhD, Chicago, IL

3:55 p.m.–4:15 p.m. Antisense Oligonucleotide Treatment (ASO) and SMA: Results of Clinical Trials
Claudia A. Chiriboga, MD, New York, NY

4:15 p.m.–4:35 p.m. Population-based Comprehensive Epilepsy Care in Ontario, Canada: A Model Network
O. Carter Snead, III, MD, FAAN, Toronto, ON, Canada

4:35 p.m.–4:55 p.m. Ocrelizumab for Relapsing and Progressive Multiple Sclerosis
Mark Keegan, MD, Rochester, MN

4:55 p.m.–5:00 p.m. Session Wrap-up
Faculty
Epilepsy: Optimizing Care in Challenging Clinical Scenarios

CME: 2 hours
8:00 a.m.–10:00 a.m.

Program Director  Katherine H. Noe, MD, PhD, FAAN, Phoenix, AZ

Program Description
Epilepsy care can be highly nuanced, particularly when seizures are symptomatic of an underlying disorder. This program will focus on the unique considerations for epilepsy diagnosis and management in specific populations including persons with brain injury, autoimmune disorders, and in pregnancy. Speakers will provide case-based discussions illustrating current best practices and highlighting solutions to common challenges encountered in inpatient and outpatient neurologic practice.

Learning Objectives
Participants should have acquired clinical knowledge to optimize the work-up and management of seizures seen in association with traumatic brain injury, autoimmune epilepsy, and in women of childbearing potential.

Recommended Audience
Practitioners, Trainees, General Neurologists, Fellows, Specialist Neurologists, Residents, Nurses, Advanced Practice Providers

Core Competencies
Patient Care, Medical Knowledge

Program Timeline

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 8:00 a.m.–8:35 a.m. | Post-Traumatic Epilepsy  
Jose E. Cavazos, MD, PhD, FAAN, San Antonio, TX |
| 8:35 a.m.–9:10 a.m. | Autoimmune Epilepsy  
Lily Wong-Kisiel, MD, Rochester, MN |
| 9:10 a.m.–9:45 a.m. | Pregnancy, Breastfeeding, and Contraception in Women with Epilepsy  
Katherine H. Noe, MD, PhD, FAAN, Phoenix, AZ |
| 9:45 a.m.–10:00 a.m. | Questions and Answers  
Faculty |
**Neuromuscular Treatment Updates: Myasthenia Gravis and Motor Neuron Disease**

**Program Director**  
Madhu Soni, MD, Chicago, IL

**Program Description**  
Recent advances have been made in therapeutic options for treating neuromuscular conditions. Through presentation of recently published clinical trial results, this program will focus on treatment of myasthenia gravis, spinal muscular atrophy, and amyotrophic lateral sclerosis.

**Learning Objectives**  
Based on evidence from clinical trials, participants should become familiar with expanded treatment options for myasthenia gravis, spinal muscular atrophy, and amyotrophic lateral sclerosis.

**Recommended Audience**  
Practitioners, Trainees, General Neurologists, Fellows, Academicians, Specialist Neurologists, Non-neurologists, Residents, Nurses, Advanced Practice Providers

**Core Competencies**  
Patient Care, Medical Knowledge, Practice-based Learning and Improvement

**Program Timeline**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 a.m.–8:05 a.m.</td>
<td>Introduction</td>
<td>Madhu Soni, MD, Chicago, IL</td>
</tr>
<tr>
<td>8:05 a.m.–8:50 a.m.</td>
<td>Treatment Updates on Myasthenia Gravis</td>
<td>Kerry H. Levin, MD, FAAN, Cleveland, OH</td>
</tr>
<tr>
<td>8:50 a.m.–9:00 a.m.</td>
<td>Myasthenia Gravis: Questions and Answers</td>
<td>Kerry H. Levin, MD, FAAN, Cleveland, OH</td>
</tr>
<tr>
<td>9:00 a.m.–9:45 a.m.</td>
<td>Treatment Updates on Spinal Muscular Atrophy and Amyotrophic Lateral Sclerosis</td>
<td>Petra Kaufmann, MD, FAAN, Bethesda, MD</td>
</tr>
<tr>
<td>9:45 a.m.–10:00 a.m.</td>
<td>SMA and ALS: Questions and Answers</td>
<td>Petra Kaufmann, MD, FAAN, Bethesda, MD</td>
</tr>
</tbody>
</table>
Building Care Teams (Doctors, Advanced Practice Providers, Pharmacists, Emotional Support, and Patient Navigators)

CME: 1.5 hours
10:15 a.m.–11:45 a.m.

Program Director
Allison L. Weathers, MD, FAAN, Beachwood, OH
David A. Evans, MBA, Dallas, TX

Program Description
Neurologists are facing a number of disruptions in how they have traditionally practiced, including a transition to value-based payment models, physician burnout, and an increasing demand for patient access, superimposed with a projected provider shortage. Regardless of practice setting, the development of a robust and data-driven care team in which each member has a clearly defined role and is empowered to practice to the top of their license is necessary to ensure continued success in this new practice environment. Through the use of real-world case scenarios, the presenters will review the key components and considerations for building and maintaining a successful care team.

Learning Objectives
Participants be able to identify the benefits, requirements, and challenges of implementing a care team as well as strategies for continued optimal use, including neurology-specific use cases.

Recommended Audience
Practitioners, Trainees, General Neurologists, Fellows, Academicians, Specialist Neurologists, Non-neurologists, Residents, Nurses, Neurohospitalists, Advanced Practice Providers, Others

Core Competencies
Patient Care, Practice-based Learning and Improvement, Systems-based Practice

Program Timeline

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 10:15 a.m.–11:30 a.m. | Building Care Teams (Doctors, Advanced Practice Providers, Pharmacists, Emotional Support, and Patient Navigators)  
Allison L. Weathers, MD, FAAN, Beachwood, OH  
David A. Evans, MBA, Dallas, TX |
| 11:30 a.m.–11:45 a.m. | Questions and Answers  
Faculty |
Presentation Stage: “Ask Me Anything” Panel Discussion: Cerebrovascular Disease and Multiple Sclerosis

Panel Members
Eric Klawiter, MD, Boston, MA
Paul M. George, MD, PhD, MSE, Stanford, CA
Gabriele C. De Luca, MD, PhD, Oxford, United Kingdom
Andrew Melane Southerland, MD, Charlottesville, VA

Program Description
Are you challenged with a difficult case? Do you want the latest updates regarding MS research and/or treatments? Is a challenging cerebrovascular disease case keeping you up at night? We invite you to an informal session where you will be able to sit down with our panel of experts and ask them anything, and we mean anything, related to these topics.

Recommended Audience
Practitioners, Trainees, General Neurologists, Fellows, Academicians, Specialist Neurologists, Non-neurologists, Residents, Nurses, Neurohospitalists, Advanced Practice Providers

Core Competencies
Patient Care, Interpersonal, and Communication Skills, Medical Knowledge

Program Timeline
11:45 a.m.–12:45 p.m. “Ask Me Anything” Panel Discussion: Cerebrovascular Disease and Multiple Sclerosis
Faculty
Neuroscience in the Clinic: Epilepsy

CME: 2 hours
1:15 p.m.–3:15 p.m.

Program Director
Amy R. Brooks-Kayal, MD, FAAN, Aurora, CO

Program Description
Advances in our understanding of the mechanisms underlying the development of epilepsy and in new technologies for real-time seizure detection and intervention have the potential to transform the care of people with epilepsy in the next few years. Speakers will discuss new therapies for seizures in preclinical and clinical development that are highly precise, temporally, spatially, and mechanistically. In addition, we will discuss therapies on the horizon for epilepsy that have the potential to be truly disease modifying, reducing the risk of developing epilepsy in those at risk and/or reducing progression or severity of established epilepsy.

Learning Objectives
Participants should become familiar with new therapies for epilepsy in preclinical and clinical development.

Recommended Audience
Practitioners, Trainees, General Neurologists, Fellows, Academicians, Specialist Neurologists, Residents

Core Competencies
Patient Care, Medical Knowledge

Program Timeline

1:15 p.m.–1:45 p.m.  Getting from Mechanisms to Therapies: New Treatments on the Horizon for Epilepsy
Amy R. Brooks-Kayal, MD, FAAN, Aurora, CO

1:45 p.m.–1:55 p.m.  Questions and Answers
Amy R. Brooks-Kayal, MD, FAAN, Aurora, CO

1:55 p.m.–2:25 p.m.  Coming Soon to a Patient Near You: New Drugs for Epilepsy in the Clinical Research Pipeline
Joseph I. Sirven, MD, FAAN, Phoenix, AZ

2:25 p.m.–2:35 p.m.  Questions and Answers
Joseph I. Sirven, MD, FAAN, Phoenix, AZ

2:35 p.m.–3:05 p.m.  Coming Soon to a Patient Near You: New Devices for Epilepsy in the Clinical Research Pipeline
Jose E. Cavazos, MD, PhD, FAAN, San Antonio, TX

3:05 p.m.–3:15 p.m.  Questions and Answers
Jose E. Cavazos, MD, PhD, FAAN, San Antonio, TX
Neuroscience in the Clinic: Neuromuscular

Program Director  Michael E. Shy, MD, Iowa City, IA

Program Description
The program will begin with presenting a case of patients with a genetic neuromuscular disease with emphasis on how the patients were evaluated. A Certified Genetic Counselor will review how the family was involved in the work-up, including approaches taken to establish a diagnosis in the most cost effective way to the patient. Faculty will go over the use and interpretation of Next Generation Sequencing to explain its use in making the diagnosis and review the biology of the causal gene and protein.

Learning Objectives
Participants should become familiar with the differential diagnosis and work-up, for both common and rare forms of neuromuscular disease presenting in childhood and adulthood, including approaches in the efficient use of genetic testing and get an update on linking genetic causes to cell biology and therapeutic approaches to genetic neuromuscular disease.

Recommended Audience
Practitioners, Trainees, General Neurologists, Fellows, Academicians, Specialist Neurologists, Residents

Core Competencies
Patient Care, Interpersonal and Communication Skills, Professionalism, Medical Knowledge, Practice-based Learning and Improvement

Program Timeline

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 1:15 p.m. – 1:30 p.m. | **Case Presentation**  
Michael E. Shy, MD, Iowa City, IA |
| 1:30 p.m. – 1:45 p.m. | **Questions and Comments from Audience**  
Michael E. Shy, MD, Iowa City, IA |
| 1:45 p.m. – 2:05 p.m. | **Approaching Genetic Testing**  
Shawna Feely, MS, CGC, Iowa City, IA |
| 2:05 p.m. – 2:15 p.m. | **Questions and Answers**  
Shawna Feely, MS, CGC, Iowa City, IA |
| 2:15 p.m. – 2:40 p.m. | **Interpreting Next Generation Sequencing Results**  
Stephan Zuchner, MD, Miami, FL |
| 2:40 p.m. – 2:45 p.m. | **Questions and Answers**  
Stephan Zuchner, MD, Miami, FL |
| 2:45 p.m. – 3:05 p.m. | **Biology and Rational Approaches to Therapy of Causal Gene**  
Steven Scherer, MD, Media, PA |
| 3:05 p.m. – 3:15 p.m. | **Discussion of the Biology and Treatment Approach to Patients’ Disease**  
Steven Scherer, MD, Media, PA |
Contemporary Clinical Issues Session

CME: 1.5 hours
3:30 p.m.–5:00 p.m.

Moderator
Amy R. Brooks-Kayal, MD, FAAN, Aurora, CO

Program Description
This session highlights issues most critical to practicing neurologists, including abstracts related to new therapeutic developments, clinical applications of basic and translational research, and innovative technical developments.

Recommended Audience
General Neurologists, Specialist Neurologists, Non-neurologists

Core Competencies
Medical Knowledge

Program Timeline

<table>
<thead>
<tr>
<th>Time</th>
<th>Program Title</th>
<th>Speaker/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:30 p.m.–4:00 p.m.</td>
<td>Updates in Managing Intracerebral Hemorrhage</td>
<td>Holly E. Hinson, MD, MCR, Portland, OR</td>
</tr>
<tr>
<td>4:00 p.m.–4:30 p.m.</td>
<td>Final Results from the Phase 3 EMDEAR Study Assessing the Efficacy and Safety on Nusinersen in Infants with Spinal Muscular Atrophy (SMA)</td>
<td>Nancy L. Kuntz, MD, Chicago, IL</td>
</tr>
<tr>
<td>4:30 p.m.–5:00 p.m.</td>
<td>High Drug Prices: The Elephant in the Clinic</td>
<td>Dennis N. Bourdette, MD, FAAN, Portland, OR</td>
</tr>
</tbody>
</table>
Breakthroughs in Neurology

ABPN Maintenance of Certification
Informational Session

January 13, 2018
5:00 p.m.–6:00 p.m.

Program Directors
Laurie Gutmann, MD, FAAN, Iowa City, IA
Representative, American Board of Psychiatry and Neurology
A. Gordon Smith, MD, FAAN, Salt Lake City, UT
Chair, AAN Education Committee

Program Description
The American Board of Psychiatry and Neurology (ABPN) will inform attendees about the Maintenance of Certification (MOC) requirements as mandated by the American Board of Medical Specialties (ABMS). The AANI will provide information about MOC resources.

*The Maintenance of Certification Program is a program of the American Board of Psychiatry and Neurology as mandated by the American Board of Medical Specialties. For information about your individual MOC requirements, please contact the ABPN at (847) 229-6500 or ABPN.com.
Neurology MOC Prep Course

Self Assessment CME: 11.25 hours
Sunday: 8:00 a.m.–5:00 p.m.
Monday: 8:00 a.m.–12:00 p.m.

Program Director  Ralph F. Józefowicz, MD, FAAN, Rochester, NY

Program Description
This course is designed to prepare neurologists for the ABPN MOC examination. The course will feature 10 lectures covering the major topics stressed on the ABPN MOC examination: Vascular diseases, Demyelinating Disorders, Developmental and Congenital Disorders, Epilepsy, Brain and Spine Trauma, Headache and Pain, Neuromuscular Disorders, Movement Disorders, Sleep Disorders, and Infectious Diseases. The presentations will be given by the authors of the AAN MOC On-line Prep Course product. The program will incorporate pre-test questions for each presentation to assist attendees in identifying areas that require focused study. Presentations and syllabus materials will be provided and will include resources for ongoing study and review.

Learning Objectives
Participants should be able to identify areas of neurology that require more focused study and review in preparation for the MOC examination; self-assess knowledge after completion of the educational program to further focus study and review; and demonstrate improved competency and performance in clinical practice and patient outcomes based upon application of new and reviewed information derived from the educational program in their clinical practice, as well as for successful recertification and continued maintenance of certification.

Recommended Audience
General Neurologists, Academicians, Specialist Neurologists

Core Competencies
Patient Care, Medical Knowledge, Practice-based Learning and Improvement, Systems-based Practice
Neurology MOC Prep Course

Program Timeline
Sunday, January 14, 2018

8:00 a.m.–8:15 a.m. Introduction
Ralph F. Józefowicz, MD, FAAN, Rochester, NY

8:15 a.m.–9:15 a.m. Vascular Disorders
Eugene L. Scharf, MD, Rochester, MN

9:15 a.m.–10:15 a.m. Demyelinating Disorders
Nicholas Elwood Johnson, MD, Salt Lake City, UT

10:15 a.m.–10:30 a.m. Break

10:30 a.m.–11:30 a.m. Developmental and Congenital Disorders
Erika Levy Wexler, MD, Minneapolis, MN

11:30 a.m.–12:30 p.m. Epilepsy
Jonathan K. Smith, MD, Bethesda, MD

12:30 p.m.–1:30 p.m. Lunch

1:30 p.m.–2:30 p.m. Brain and Spine Trauma
Eugene L. Scharf, MD, Rochester, MN

2:30 p.m.–2:45 p.m. Break

2:45 p.m.–3:45 p.m. Headache and Pain
Christopher Tarolli, MD, Rochester, NY

3:45 p.m.–5:00 p.m. Neuromuscular Disorders
Nicholas Elwood Johnson, MD, Salt Lake City, UT

Program Timeline
Monday, January 15, 2018

8:00 a.m.–8:15 a.m. Introduction
Ralph F. Józefowicz, MD, FAAN, Rochester, NY

8:15 a.m.–9:15 a.m. Movement Disorders
Christopher Tarolli, MD, Rochester, NY

9:15 a.m.–10:15 a.m. Sleep Disorders
Jonathan K. Smith, MD, Bethesda, MD

10:15 a.m.–10:30 a.m. Break

10:30 a.m.–11:30 a.m. Infectious Diseases
Erika Levy Wexler, MD, Minneapolis, MN

11:30 a.m.–12:00 p.m. Questions and Answers
Ralph F. Józefowicz, MD, FAAN, Rochester, NY
Meeting-at-a-Glance

Saturday, January 13
6:00 p.m.–8:00 p.m.
• Special Social Reception

Sunday, January 14
7:30 a.m.–7:45 a.m.
• Welcome and Overview
7:45 a.m.–8:30 a.m.
• Business Basics, Negotiating and Succeeding, Part I
8:30 a.m.–10:00 a.m.
• Effective Communication, Part I: Optimizing Communication with Your Patients
10:00 a.m.–10:15 a.m.
• Break
10:15 a.m.–10:45 a.m.
• Relaxation Tools: See One. Do One. Teach One.
10:45 a.m.–11:45 a.m.
• Overview of MACRA and MIPS
11:45 a.m.–12:00 p.m.
• General Q&A

Monday, January 15
7:30 a.m.–8:15 a.m.
• Business Basics, Negotiating and Succeeding, Part II
8:15 a.m.–9:45 a.m.
• Teleneurology: What You Need to Know
9:45 a.m.–10:00 a.m.
• Break
10:00 a.m.–10:30 a.m.
• Acupuncture: Show and Tell
10:30 a.m.–11:30 a.m.
• Effective Communication, Part II: Optimizing Communication with Everyone Else
11:30 a.m.–12:00 p.m.
• Personal Financial Planning: Perspectives from Private Practice and Academic Neurologists, a Panel Discussion

Conference Program

Program Director: Carlayne E. Jackson, MD, FAAN, San Antonio, TX

Program Description
Get the essential information and advice you weren’t taught in residency to help lay the foundation for a successful career in neurology. From communication and negotiation strategies to business basics, practice tips and resources, and even advice and strategies for personal well-being and life-work balance, the Career Essentials Conference has what you need to succeed!

Recommended Audience
Practitioners, Trainees, General Neurologists, Fellows, Academicians, Specialist Neurologists, Residents, Advanced Practice Providers

Core Competencies
Patient Care, Interpersonal and Communication Skills, Professionalism, Medical Knowledge, Practice-based Learning and Improvement, Systems-based Practice

CME: 8.5 hours
January 14 & 15, 2018
7:30 a.m.–12:00 p.m.
Career Essentials Conference

Sunday, January 14, 2018

Business Basics, Negotiating and Succeeding, Part I

7:45 a.m.–8:30 a.m.

Presenter: Brad C. Klein, MD, MBA, FAAN, Willow Grove, PA
David A. Evans, MBA, Dallas, TX

There is often a lack of education and training in basic business principles critical for financial success. Audience members will learn how to negotiate contracts with potential employers in private and academic medical centers. This course will provide an overview and foundation of basic financial tools, application of sound business strategies to the challenges facing neurologists, and help determine the best way to maintain and grow income in current and future financial models. Specific topics include building a successful business model and addressing functions such as billing, insurance management, regulatory, health IT, and other economic issues.

Learning Objectives
Participants should acquire skill sets in contract negotiations, including unmasking potential opportunities through leveraging benchmark data. Participants should understand how to structure a rudimentary business plan, including required expenses and overhead, and the steps of which to execute.

Effective Communication, Part I: Optimizing Communication with Your Patients

8:30 a.m.–10:00 a.m.

Presenter: Allison L. Weathers, MD, FAAN, Beachwood, OH
Veronica E. Santini, MD, Palo Alto, CA

Effective communication with patients is a key skill; however, one that is not often formally taught during postgraduate medical education. Effective communication has been shown to improve diagnostic accuracy as well as provider job satisfaction and engagement, while reducing burnout and malpractice claims. Patients retain more critical information and in turn have improved outcomes when communication with providers is optimal. This course will cover communication techniques for all aspects of a patient encounter, including how to best handle difficult patient conversations.

Learning Objectives
Participants should be able to describe the benefits of relationship-centered communication, learn strategies to navigate difficult conversations more comfortably, and integrate relationship-centered communication skills into a clinical practice setting.
Relaxation Tools: See One. Do One. Teach One.

10:15 a.m.–10:45 a.m.

Presenter: Jennifer Bickel, MD, FAAN, Kansas City, MO

Self-regulation skills are beneficial for physicians and patients alike, though access to training from mental health providers is limited by time and resources. Attendees will learn and have the opportunity to practice easy-to-implement relaxation exercises that may be taught to patients during a neurology clinic visit. Resources for additional training will also be shared.

Learning Objectives
Participants will learn to perform and teach introductions to self-regulation exercises.

Overview of MACRA and MIPS

10:45 a.m.–12:00 p.m.

Presenter: Lyell K. Jones, MD, FAAN, Rochester, MN
David A. Evans, MBA, Dallas, TX

As neurologists begin Year 2 of the Medicare Access and CHIP Reauthorization Act of 2015 (MACRA), there remains much uncertainty about MACRA’s impact on care, costs, and increased administrative burden. MACRA has two pathways: the Merit Based Incentive Payment System (MIPS) and the Advanced Alternative Payment Model (AAPM) pathway. The AAPM pathway is reserved for those participating in risk-bearing Medicare Shared Savings Program (MSSP) tracks. Especially in the early years of the program, this will leave the majority of neurologists in the MIPS pathway, which was designed to eliminate redundancy in reporting with legacy programs, i.e., PQRS, MU. This session will provide an overview of the MACRA regulation and a detailed overview of MIPS and provide specific steps neurologists must take to avoid a negative payment adjustment. A general question and answer session will follow.

Learning Objectives
Participants should have a working knowledge of MIPS, including its individual components, scoring within the program, and reporting requirements. Participants will be able to articulate a plan of action to successfully implement MIPS within their practice.
Business Basics, Negotiating and Succeeding, Part II  

7:30 a.m.–8:15 a.m.  

**Presenter:**  Brad C. Klein, MD, MBA, FAAN, Willow Grove, PA  
David A. Evans, MBA, Dallas, TX  

There is often a lack of education and training in basic business principles critical for financial success. Audience members will learn how to negotiate contracts with potential employers in private and academic medical centers. This course will provide an overview and foundation of basic financial tools, application of sound business strategies to the challenges facing neurologists, and help determine the best way to maintain and grow income in current and future financial models. Specific topics include building a successful business model and addressing functions such as billing, insurance management, regulatory, health IT, and other economic issues.  

**Learning Objectives**  
Participants should acquire skill sets in contract negotiations, including unmasking potential opportunities through leveraging benchmark data. Participants should understand how to structure a rudimentary business plan, including required expenses and overhead, and the steps of which to execute.

Teleneurology: What You Need to Know  

8:15 a.m.–9:45 a.m.  

**Presenter:**  Eric Anderson, MD, PhD, Gulfport, FL  
David A. Evans, MBA, Dallas, TX  

Teleneurology is an in-demand and growing practice that improves access to specialty care and provides value to patients and health systems at an affordable cost. Understanding the regulatory environment, legal issues, technological basics, and business models is essential to incorporate a teleneurology service line into practice. The practice of teleneurology is rapidly evolving while much of the regulatory and legal aspects lag behind. Physicians and patients alike are embracing remote care as a cost-effective alternative to traditional clinical visits, particularly in areas where specialist care is limited or absent.  

**Learning Objectives**  
Participants should understand how teleneurology can improve access to specialist care, and how the changing regulatory and legal environment, current technology, reimbursement issues, and business considerations are essential to the implementation of a teleneurology service line into practice.

Acupuncture: Show and Tell  

10:00 a.m.–10:30 a.m.  

**Presenter:**  Jennifer Bickel, MD, FAAN, Kansas City, MO  

Acupuncture is becoming a more common treatment pursued by neurological patients for various pain complaints. Most neurologists have had little exposure to acupuncture regarding risks, benefits, and how to educate patients on what to expect. Rather than conduct an evidence-based review, this course is designed to aid the practitioner in addressing patients’ frequently asked questions regarding acupuncture. Attendees will
be able to examine acupuncture needles and a signup will be made available for those who wish to receive a relaxing acupuncture treatment after the morning lectures conclude.

**Learning Objectives**

Participants should be able to answer their patients’ most commonly asked questions about acupuncture.

---

**Effective Communication, Part II: Optimizing Communication with Everyone Else**

**Presenter:** Allison L. Weathers, MD, FAAN, Beachwood, OH  
David A. Evans, MBA, Dallas, TX

While the ability to communicate with patients is a critical skill for any physician, it is equally important physicians can communicate well with colleagues, employees, supervisors, and practice administrators. The ability to effectively and respectfully communicate with others, including the ability to have collaborative and courageous conversations, has significant benefits outside of the work environment as well. This course will use role-playing scenarios with real-life examples to teach key communication concepts and help participants further hone their skills.

**Learning Objectives**

Participants should be able to describe effective communication strategies and integrate effective communication skills into interactions with colleagues, employees, supervisors, and practice administrators.

---

**Personal Financial Planning: Perspectives from Private Practice and Academic Neurologists, a Panel Discussion**

**Panelists:** Eric Anderson, MD, PhD, Gulfport, FL  
David A. Evans, MBA, Dallas, TX  
Brad C. Klein, MD, MBA, FAAN, Willow Grove, PA  
Allison L. Weathers, MD, FAAN, Beachwood, OH

Neurologists from various practice settings will discuss their personal experience in the handling of, and planning of, personal finances. Topics will include management and repayment strategies of student loans and long-term financial planning decision-making. The panel will cover how to navigate and secure competitive banking/finance rates (e.g., business and personal loans and home mortgages), and discuss maximizing employer-sponsored benefits (e.g., 401K or Health Savings Account matching). The panel may address commonly asked questions, such as: What are commonplace employer-provided benefits? Are there additional investment vehicles to consider, and how do they vary based on employer? What other insurance coverage should be considered, e.g., disability and/or long-term care insurance?

**Learning Objectives**

Participants should learn how to compare strategies to address student loan payment and better understand opportunities to increase personal wealth through employer-sponsored benefits and financial products designed for physicians.
Credit and Disclosures

ACCREDITATION
The American Academy of Neurology Institute (AANI) (the education subsidiary of the AAN) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

AMA CREDIT DESIGNATION
The AANI designates this live activity for a maximum of 33.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CERTIFICATES FOR NON-PHYSICIANS
Non-physicians participating in the programs will receive an acknowledgement of participation indicating attendance at an activity designated for AMA PRA Category 1 Credit™.

ABPN STATEMENT
The American Board of Psychiatry and Neurology has reviewed the AAN Breakthroughs in Neurology Conference and has approved this product as a part of a comprehensive lifelong learning program which is mandated by the ABMS as a necessary component of maintenance of certification.

EDUCATION DISCLAIMER
The primary purpose of the AAN Breakthroughs in Neurology Conference is to provide educational programs. Information presented, as well as publications, technologies, products and/or services discussed, are intended to inform attendees about the knowledge, techniques, and experiences of physicians who are willing to share such information with colleagues. A diversity of opinions exists in the medical field, and the view of the program’s faculty is offered solely for educational purposes. Faculty members’ views represent neither those of the AAN/AANI nor constitute endorsement by the AAN/AANI. The AAN/AANI disclaims any and all liability for all claims which may result from the use of information, publications, products, and/or services discussed at the AAN Breakthroughs in Neurology Conference.

FACULTY’S DISCLOSURE OF COMMERCIAL RELATIONSHIPS
Consistent with the AAN/AANI and ACCME policies, faculty must disclose any significant financial or other relationship with the manufacturer(s) of any commercial product(s) or service(s) discussed in their presentation. This policy is intended to make participants aware of all speakers’ financial or other relationship(s), so that attendees may form their own judgments about material discussed during the educational activity. Full disclosure of faculty’s commercial relationships will appear in the individual program materials. All faculty must sign an AANI letter of agreement stating explicitly that they understand and will adhere to ACCME and AANI Disclosure Statement guidelines that require full disclosure of commercial relationships, unlabeled use of products, and identification of data sources.

UNLABELED USE DISCLOSURE
The AANI requires all faculty members to disclose if a product is not labeled for the use being discussed or that the product is still investigational. Such disclosures will appear in the individual program materials.
Caribe Royale All-Suite Hotel & Convention Center

**Hotel Reservation Deadline**
December 8, 2017

**Reservations**
(888) 258-7501
Caribe Royale All-Suite Hotel & Convention Center
8101 World Center Drive
Orlando, FL 32821

**Website**
AAN.com/view/BNCHotel

**Special Rates and Room Reservation Deadline**
The AAN has negotiated a sleeping room rate of $179.00 single/double, plus tax. Participants must identify themselves as being with the AAN Breakthroughs in Neurology Conference or AAN Career Essentials Conference to receive the special rate. The resort charge per room, per night has been waived for conference attendees.

Conference attendees will receive the following complimentary: In room Wi-fi standard service, scheduled shuttle service to the four Walt Disney World™ Theme Parks, Disney Springs, and Orlando Vineland Premium Outlets (reservations required), in-suite coffee, unlimited local and 800 access telephone calls, access to staffed - state-of-the-art fitness center, 10% discount on spa services at the Island Spa (present your suite key to the spa concierge), 5% discount at Enterprise rent-a-car (located in main lobby - present your suite key to the agent). Discount applies only to cars rented and returned from the hotel location.

**Reservation Deadline December 8, 2017**
Check in time is 4:00 p.m. and check out time is 11:00 a.m.

A credit card or one night’s deposit by check or cash is required to guarantee a reservation. Hotel allows individual attendees to cancel their guest room reservation without penalty up to 72 hours prior to the attendee’s scheduled arrival date. Hotel will charge one (1) night guaranteed guest room rate plus tax for cancellation within 72 hours of the scheduled arrival date or failure of the individual to check in on the scheduled arrival date.
Registration Is Quick and Easy

ONLINE
AAN.com/view/Breakthroughs or AAN.com/view/CareerEssentials

PHONE
(800) 676-4226 (US/Canada)
or (415) 979-2283

Questions? Visit aanbn.cmrushelp.com

To obtain a registration form or to pay by check, please contact CMR. Registration forms will only be accepted for check payments.

Register by January 3, 2018, and Save!

Registration Deadline
The deadline for advance registration rates is January 3, 2018. Registrations received after this date will be charged an additional fee and will increase to on-site rates on January 10, 2018.

Cancellation Policy
Programs are subject to cancellation if enrollment is insufficient.

The AAN is not responsible for airfare, hotel, or other costs incurred by participants in the event of cancellation.

Refund Policy
The AAN will assess a $50 administrative fee for cancellations received on or before January 3, 2018. Refunds will not be issued for cancellations received after that date.

Special Accommodation
If you require special accommodations, contact Laurie Dixon at ldixon@aan.com or (612) 928-6154.

On-site Registration Details
Attendees can register and pick up their conference materials at the on-site registration counter.
# Rate

Register Early and Save — Prices shown below increase after the January 3 early registration deadline and increase during the conference.

<table>
<thead>
<tr>
<th>REGISTRATION OPTIONS</th>
<th>Early Registration Deadline: January 3, 2018</th>
<th>January 4–January 9, 2018</th>
<th>January 10–January 15, 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Breakthroughs in Neurology Conference ONLY</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Student</td>
<td>$199</td>
<td>$299</td>
<td>$399</td>
</tr>
<tr>
<td>Junior Member/Non-neurologist Member*</td>
<td>$399</td>
<td>$599</td>
<td>$699</td>
</tr>
<tr>
<td>Senior/Honorary Member</td>
<td>$399</td>
<td>$599</td>
<td>$699</td>
</tr>
<tr>
<td>Member Neurologist**</td>
<td>$799</td>
<td>$999</td>
<td>$1,099</td>
</tr>
<tr>
<td>Nonmember</td>
<td>$1,399</td>
<td>$1,499</td>
<td>$1,599</td>
</tr>
<tr>
<td><strong>Neurology MOC Prep Course ONLY</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Member Neurologist</td>
<td>$849</td>
<td>$979</td>
<td>$1,099</td>
</tr>
<tr>
<td>Nonmember</td>
<td>$1,249</td>
<td>$1,399</td>
<td>$1,579</td>
</tr>
<tr>
<td><strong>Career Essentials Conference ONLY</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Student</td>
<td>$499</td>
<td>$614</td>
<td>$724</td>
</tr>
<tr>
<td>Junior Member/Non-neurologist Member*</td>
<td>$524</td>
<td>$639</td>
<td>$749</td>
</tr>
<tr>
<td>Senior/Honorary Member</td>
<td>$524</td>
<td>$639</td>
<td>$749</td>
</tr>
<tr>
<td>Member Neurologist**</td>
<td>$549</td>
<td>$664</td>
<td>$774</td>
</tr>
<tr>
<td>Nonmember</td>
<td>$774</td>
<td>$924</td>
<td>$1,089</td>
</tr>
<tr>
<td><strong>Breakthroughs in Neurology Conference + Neurology MOC Prep Course</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Student</td>
<td>$848</td>
<td>$1,178</td>
<td>$1,398</td>
</tr>
<tr>
<td>Junior Member/Non-neurologist Member*</td>
<td>$848</td>
<td>$1,178</td>
<td>$1,398</td>
</tr>
<tr>
<td>Senior/Honorary Member</td>
<td>$848</td>
<td>$1,178</td>
<td>$1,398</td>
</tr>
<tr>
<td>Member Neurologist**</td>
<td>$1,248</td>
<td>$1,498</td>
<td>$1,598</td>
</tr>
<tr>
<td>Nonmember</td>
<td>$1,848</td>
<td>$2,198</td>
<td>$2,448</td>
</tr>
<tr>
<td><strong>Breakthroughs in Neurology Conference + Career Essentials Conference</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Student</td>
<td>$599</td>
<td>$699</td>
<td>$899</td>
</tr>
<tr>
<td>Junior Member/Non-neurologist Member*</td>
<td>$699</td>
<td>$899</td>
<td>$999</td>
</tr>
<tr>
<td>Senior/Honorary Member</td>
<td>$699</td>
<td>$899</td>
<td>$999</td>
</tr>
<tr>
<td>Member Neurologist**</td>
<td>$999</td>
<td>$1,199</td>
<td>$1,399</td>
</tr>
<tr>
<td>Nonmember</td>
<td>$1,699</td>
<td>$1,899</td>
<td>$1,999</td>
</tr>
</tbody>
</table>

*Includes Interns, Juniors, Researchers, Advanced Practice Providers, Business Administrator members

**Includes: Neurologists, Physician Affiliate members