By attending this symposium attendees will be able to:

- Describe the evaluation, classification, genetics, mechanisms and treatment of primary headache disorders and potentially life-threatening secondary headache disorders.
- Plan appropriate acute/abortive treatment, preventive treatment, and rescue-emergency treatment of headache with knowledge of the evidence base as well as side effect burden.
- Describe the current biology and pathophysiology of migraine and be familiar with emerging neuroimaging.
- Identify the role of the blood-brain barrier in migraine and its treatment.
- Be familiar with potentially new therapeutics for migraine and other headaches.
- Discuss heart rate variability (HRV) biofeedback and its possible relationship to the treatment of headache disorders.
- Be cognizant of women’s issues in migraine including the use of hormonal contraceptives and menstrual migraine.
- Recognize the differential diagnosis of cranial neuralgias and other facial pain disorders and their association with headache.
- Describe the relationship of calcitonin-gene related peptide to the biology of migraine as well as a target for treatment.
- Be familiar with traumatic brain injury in military populations.
- Identify the severity of symptoms and life alterations in cluster headache patients.
FRIDAY MARCH 2, 2018

Morning Session
7:45-8:00 Welcome and Introduction  
Moderator: Rebecca Burch, MD  
Steven J. Scrivani, DDS, DMedSc,  
Randall Weeks, PhD, & Alan Rapoport, MD
8:00-8:30 ICHD-3: Changes and Challenges – How Did We Do?  
Morris Levin, MD
8:30-9:00 Acute Treatment of Migraine  
Christopher Gottschalk, MD
9:00-9:30 Preventive Treatment of Migraine  
Robert Shapiro, MD, PhD
9:30-9:45 Q&A/Panel Discussion
9:45-10:00 Break
10:00-10:30 Adverse Events and Side Effect Burden of Pharmacological Therapy  
Paul Rizzoli, MD
10:30-11:00 Women’s Issues and Migraine  
Diane Wirz, MD
11:00-11:30 Cluster Headache and Other TACs  
Brian McGeeney, MD, MPH, MBA
11:30-12:00 Q&A/Panel Discussion

Lunch and Learn Session – A Great Debate
12:00-12:15 Bag Lunch Pick-up

Moderator: Robert E. Shapiro, MD, PhD
12:30-1:30 The Blood-Brain Barrier  
Messoud Ashina, MD  
Cenk Ayata, MD

Afternoon Session – Cluster Headache: Patients Perspectives
1:30-3:00 Patient Presentations
3:00-3:30 Q & A/Discussion

Evening Session

Moderator: Alan Rapoport, MD
5:00-5:45 Headache Following Deployment Related TBI in Veterans of Afghanistan and Iraq Wars  
James Couch, MD, PhD
5:45-6:00 Lifetime Achievement Award Presentation  
Recipient: James Couch, MD, PhD  
Randall Weeks, PhD & Alan Rapoport, MD
6:00-6:45 My Life In Headache Medicine  
James Couch, MD, PhD
6:45-7:00 Q & A/Discussion

Wine & Cheese Reception
Saturday March 3, 2018

**Morning Session**

**Moderator:** Elizabeth Loder, MD, MPH

8:00-8:30  Pain in Mice and Man: Ironic Adventures in Translation  
Jeffrey Mogil, PhD

8:30-9:00  Non-invasive Neurostimulation for Headache  
Licia Grazzi, MD

9:00-9:30  Emerging MRI Techniques for the Differentiation of Multiple Sclerosis from Migraine  
Andrew Solomon, MD

9:30-9:45  Q&A/Panel Discussion

9:45-10:00  Break

**Moderator:** Steven Baskin, PhD

10:00-10:30  HRV Measurement and Biofeedback in the Management of Migraine  
Richard Gevirtz, PhD

10:30-11:00  Headache Secondary to CSF Leak: Better Understanding or Ever More Challenges?  
Werner Becker, MD

11:00-11:30  What Do CGRP Monoclonal Antibodies Teach Us About Migraine Pathophysiology?  
Rami Burstein, PhD

11:30-12:00  Q&A/Panel Discussion

**Lunch and Learn Session**

12:00-12:15  Bag Lunch Pick-up

**Moderator:** Allan Purdy, MD

12:15-1:00  Cases in Neurology That Taught Me About Headache!  
Allan Purdy, MD

**Afternoon Session**

**FELLOWS FORUM**

**Moderator:** Paul Rizzoli, MD

1:00-1:20  Naratriptan for Migraine Prevention  
Nicholas Tzikas, MD

1:20-1:40  Burning Mouth Disorder  
Paula F. Barbisan, DDS, PhD

1:40-2:00  Post-Concussive Syndrome  
Harjasleen Walia, M.D.

2:00-2:20  Migraine Genetics  
Angeliki Vgontzas, MD

2:20-2:40  Brain Rhythms of Migraine  
Duncan Hodkinson, PhD

2:40-3:00  Q&A/Panel Discussion

**Evening Session**

**Moderator:** Randall Weeks, PhD

5:00-5:10  Lifetime Achievement Award Presentation  
Recipient: Werner Becker, MD  
Randall Weeks, PhD & Alan Rapoport, MD

5:10-5:50  My Life in Headache Medicine  
Werner Becker, MD

5:50-6:00  Q&A

6:00-7:00  Wait, Wait, Don’t Tell Me – New England Headache Radio!!  
Morris Levin, MD & participants

**Wine and Cheese Reception**