SCIENTIFIC AND SOCIAL PROGRAM

Jointly Provided by the AANS

Neurosurgey: Its Future and How We Prepare

Upon completion of this program, participants should be able to:

1. Describe how the SNS Portal will be used as an aid to residents in acquiring medical knowledge related to ACGME Milestones.
2. Discuss the role of the SNS CAST fellowship process in sub-specialty training in neurosurgery.
3. Discuss the ways the Next Accreditation System (NAS) have affected theirs and other neurosurgery training programs.
4. Discuss the challenges to resident research and how they can be addressed.
5. Identify the relationship between U.S. and Latin American neurosurgeons with respect to global neurosurgical treatment and training.
6. Describe the medical socio-political environment and how it relates to the training of neurosurgeons.
7. Describe innovative and collaborative ways in which neurosurgeons contribute to research, education, and patient safety

FRIDAY, June 5, 2015
4:00–6:00 pm  Registration  Mandarin Oriental Pre Foyer Ballroom Level

SATURDAY, June 6–Executive Council Members Only
7:00 am–1:00 pm  Executive Council Meeting  Hong Kong A & B

SATURDAY, June 6, 2015 – All
8:00 am–5:00 pm  Registration  Mandarin Oriental Pre Foyer Ballroom Level
8:00–9:00 am  Breakfast  Salon 1

RESIDENCY: PORTAL, CAST, AND NAS
Moderator: Gregory J. Zipfel, MD  Salon 2 & 3

9:00–9:20 am  Bootcamp and Junior Resident Course Update
   – Richard W. Byrne, MD
9:20–9:40 am  Neurosurgical Portal: Overview
   – Warren R. Selman, MD; Nicholas C. Bambakidis, MD
9:40–9:55 am  Neurosurgical Portal: ACGME Content
   – Pamela L. Derstine, PhD
9:55–10:15 am  Neurosurgical Portal: Q&A
   – Warren R. Selman, MD; Nicholas C. Bambakidis, MD; Timothy B. Mapstone, MD; Pamela L. Derstine, PhD
10:15–10:30 am  Break  Ballroom Foyer
10:30–10:50 am  Transformation of CAST: Where We Are, Where We Are Going
                 – Steven L. Giannotta, MD
10:50–11:15 am  CAST Q&A
                 – Steven L. Giannotta, MD; Adnan Siddiqui, MD;
                 Shelly D. Timmons, MD, PhD
11:15–11:40 am  Life in the NAS: A Program Perspective
                 – Scott A. Shapiro, MD, and Mary Gallagher
11:40–Noon     Life in the NAS – A Resident’s Perspective
                 – Benjamin Kennedy, MD
Noon–1:00 pm    Lunch  Salon 1

RESIDENCY: RRC, NAS, MILESTONES, RESIDENT RESEARCH, AND OTHER UPDATES  Salon 2 & 3
Moderator: Sepideh Amin-Hanjani, MD

1:00–1:20 pm    Neurosurgery RRC Update
                 – Kim J. Burchiel, MD
1:20–1:35 pm    Accreditation and NAS Update
                 – Pamela L. Derstine, PhD
1:35–1:55 pm    Milestones: Early Data and Next Steps
                 – Nathan R. Selden, MD, PhD
1:55–2:15 pm    Problem Resident: Identification and Remediation
                 – Gregory J. Zipfel, MD
2:15–2:45 pm    Residency Q&A
                 – Kim J. Burchiel, MD; Pamela L. Derstine, PhD;
                 Gregory J. Zipfel, MD; Nathan R. Selden, MD, PhD;
                 Scott A. Shapiro, MD; Mary Gallagher;
                 Moderator: Donald O. Quest, MD
2:45–3:00 pm    Break  Ballroom Foyer
3:00–3:15 pm    Enhancing the Resident Application Process
                 – Daniel L. Barrow, MD
3:15–3:30 pm    SNS Strategic Priority – Resident Research: Threats
                 – Ralph G. Dacey, Jr, MD
3:30–3:45 pm    SNS Strategic Priority – Resident Research: How to Address Threats
                 – E. Antonio Chiocca, MD
3:45–4:00 pm    SNS Strategic Priority – Panel Discussion: Resident Research
                 – E. Antonio Chiocca, MD; Robert M. Friedlander, MD, MA;
                 Arthur L. Day, MD; Gregory J. Zipfel, MD
                 Moderator: Ralph G. Dacey, Jr, MD
SCIENTIFIC AND SOCIAL PROGRAM

4:00–5:00 pm  SNS Committee Meetings
4:00–4:30 pm  Resident Courses Committee  Hong Kong A
4:30–5:00 pm  CoRE Committee  Hong Kong A
4:00–5:00 pm  Research Committee  Singapore A
4:00–5:00 pm  Portal Executive Committee  Hong Kong B
4:00–6:00 pm  CAST Committee  Singapore B
7:00–9:00 pm  Opening Reception  Poolside: Mandarin Oriental Hotel

with special guests, The Neurosurgical Jazz Band
(light hors d’oeuvres served)

SUNDAY, JUNE 7, 2015
7:00 am–5:00 pm  Registration  Mandarin Oriental Pre Foyer Ballroom Level
7:00–8:00 am  Breakfast  Salon 1

SESSION 1: SUNDAY MORNING
University of Miami Host Program  Salon 2 & 3
Moderator: Roberto C. Heros, MD
8:00–8:10 am  Welcome Remarks
– Roberto C. Heros, MD; Barth A. Green, MD
8:10–8:20 am  Overview of the Miller School of Medicine
– Pascal J. Goldschmidt, MD, Dean, Miller School of Medicine
8:20–8:30 am  Overview of the Jackson Health System
– Carlos A. Migoya, MBA, President and CEO, Jackson Health System
8:30–8:45 am  Introduction of Neurosurgical Clinical Faculty
– Barth A. Green, MD; Roberto C. Heros, MD
8:45–9:00 am  Overview of the Department of Neurology
– Ralph L. Sacco, MD, MS, Chair, Department of Neurology
9:00–9:15 am  ENT Collaboration in the Skull Base Program
– Fred F. Telischi, MD, MEE, Chair, Department of Otorhinolaryngology
9:15–9:30 am  Overview of the Miami Project
– W. Dalton Dietrich, III, PhD, Scientific Director, Miami Project
9:30–9:45 am  Schwann Cells for Transplantation
– Mary Bartlett Bunge, PhD, Christine E. Lynn Distinguished Professor in Neuroscience
9:45–10:00 am  Translational Clinical Studies in SCI
– Allan D. Levi, MD, PhD
10:00–10:15 am  Minimally Invasive Spine Surgery
– Michael Y. Wang, MD
10:15–10:30 am  Break  Ballroom Foyer
10:30–10:45 am  Is There Still a Role for Open Aneurysm Surgery?
– Jacques J. Morcos, MD
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<th>Time</th>
<th>Event</th>
<th>Details</th>
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<tbody>
<tr>
<td>10:45–11:00 am</td>
<td><strong>Endovascular Program</strong></td>
<td>- Mohamed S. Elhammady, MD; Eric C. Peterson, MD, MS</td>
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<td>11:00–11:15 am</td>
<td><strong>Neurotrauma at Miami</strong></td>
<td>- M. Ross Bullock, MD</td>
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<td>11:15–11:30 am</td>
<td><strong>Functional Program</strong></td>
<td>- Jonathan R. Jagid, MD</td>
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<td>11:30–11:45 am</td>
<td><strong>Pediatric Epilepsy</strong></td>
<td>- John Ragheb, MD</td>
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<td>11:45 am–Noon</td>
<td><strong>Surgical Neurooncology Program</strong></td>
<td>- Ronald J. Benveniste, MD; Ricardo J. Komotar, MD</td>
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<td>Noon–1:00 pm</td>
<td><strong>Lunch</strong></td>
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**SESSION 2: SUNDAY AFTERNOON**

Global Reach of Neurosurgery

Moderator: Anil Nanda, MD, MPH

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>1:00–1:05 pm</td>
<td><strong>Introduction of Keynote Speaker</strong></td>
<td>Roberto C. Heros, MD</td>
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<tr>
<td>1:05–1:45 pm</td>
<td><strong>Keynote Address: Cuba—Present and Future</strong></td>
<td>Jaime Suchlicki, PhD, Director of the Institute for Cuban and Cuban-American Studies, University of Miami</td>
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<td>1:45–2:05 pm</td>
<td><strong>International Outreach: Haiti</strong></td>
<td>Barth A. Green, MD</td>
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<td>2:05–2:30 pm</td>
<td><strong>International Outreach: A New Paradigm</strong></td>
<td>Michael M. Haglund, MD; Robert J. Dempsey, MD (FIENS)</td>
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<td>2:30–2:45 pm</td>
<td><strong>International Electives</strong></td>
<td>Mark E. Shaffrey, MD</td>
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<tr>
<td>2:45–3:00 pm</td>
<td><strong>Break</strong></td>
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<tr>
<td>3:00–3:05 pm</td>
<td><strong>Introduction of Keynote Speaker</strong></td>
<td>Roberto C. Heros, MD</td>
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<td>3:05–3:45 pm</td>
<td><strong>Keynote Address: Perspective on U.S. and Latin American Relations</strong></td>
<td>Susan Kaufman Purcell, PhD, Director of the Center for Hemispheric Policy, University of Miami</td>
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<tr>
<td>3:45–4:05 pm</td>
<td><strong>International Research: Outcome from Acute Brain Injury in Adults and Children in Latin America</strong></td>
<td>Randall M. Chesnut, MD</td>
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<td>4:05–4:10 pm</td>
<td><strong>Announcement of Winn Award</strong></td>
<td>Mitchel S. Berger, MD</td>
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<td>4:10–5:00 pm</td>
<td><strong>Winn Award Lecture: Molecular Markers and Molecularly Targeted Therapies for Childhood Brain Tumors</strong></td>
<td>Ian Pollack, MD</td>
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<td>6:00–6:30 pm</td>
<td><strong>Shuttle service to Floridian Princess Yacht</strong></td>
<td>Meet in Hotel Lobby</td>
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<td>7:00–10:00 pm</td>
<td><strong>Reception Dinner aboard the Floridian Princess Yacht</strong></td>
<td>(Attire: dressy casual)</td>
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Monday, June 8, 2015

General Session Agenda

6:30–8:00 am Members Only Breakfast and Business Meeting  
Salon 1
7:00–8:00 am Non-Members Breakfast  
Hong Kong A & B

Session 3: Monday Morning

Understanding the New Environment of Healthcare  
Salon 2 & 3
Moderator: Gregory J. Zipfel, MD

8:00–8:05 am Introduction of Keynote Speaker  
– Gregory J. Zipfel, MD
8:05–8:35 am Keynote Address: Impact of ACA on Neurosurgery (no CME credit)  
– J. Sanford Schwartz, MD, Professor of Health Care Management, Economics, and Medicine. The Wharton School, University of Pennsylvania
8:35–8:40 am Introduction of Presidential Special Lecture  
– H. Hunt Batjer, MD
8:40–9:20 am Presidential Special Lecture: Science through Art, Technology, and Music  
– José Francisco Salgado, PhD, Executive Director and Co-Founder, KV 265
9:20–10:00 am CAST – Accrediting fellowship and certifying fellows: Are we heading in the right direction or are we becoming too sub-specialized too early?  
The Right Direction – Arthur L. Day, MD  
Too Sub-specialized Too Early – Ralph G. Dacey, Jr, MD  
Panel Discussion – Arthur L. Day, MD; Ralph G. Dacey, Jr, MD; Steven Giannotta, MD; Robert E. Harbaugh, MD
10:00–10:15 am Break  
Ballroom Foyer
10:15–10:20 am Introduction of Keynote Speaker  
– Henry Brem, MD
– Benjamin S. Carson, MD
10:50–10:55 am Distinguished Service Award to Allan H. Friedman, MD, PhD  
– presented by Nicholas M. Barbaro, MD
10:55–11:00 am Introduction of H. Hunt Batjer, MD, SNS President  
– Robert A. Solomon, MD
11:00–11:55 am Presidential Address: Neurosurgery—Its Future and How We Can Shape It  
– H. Hunt Batjer, MD
11:55 am–Noon Presentation of the Presidential Gavel to Robert E. Harbaugh, MD  
– H. Hunt Batjer, MD, and Nicholas M. Barbaro, MD
Noon–1:00 pm Lunch  
Salon 1
### SESSION 4: MONDAY AFTERNOON

**Era of Innovation and Collaboration**

*Salon 2 & 3*

**Moderator:** Sepideh Amin-Hanjani, MD

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<tr>
<th>Time</th>
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<th>Speaker(s)</th>
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<tbody>
<tr>
<td>1:00–1:10 pm</td>
<td><strong>Historical Vignette: Charles Harrison Frazier and the Age of Non-Entitlement</strong></td>
<td>M. Sean Grady, MD</td>
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<tr>
<td>1:10–1:15 pm</td>
<td><strong>Introduction of Keynote Speaker</strong></td>
<td>Roberto C. Heros, MD</td>
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<tr>
<td>1:15–1:50 pm</td>
<td><strong>Keynote Address on Innovation: The Future of Stem Cell Therapy for Cardiac Disease</strong></td>
<td>Joshua M. Hare, MD, Founding Director of the Interdisciplinary Stem Cell Institute, University of Miami</td>
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<td>1:50–2:10 pm</td>
<td><strong>Innovation in Neurosurgical Care: CyberKnife Experience</strong></td>
<td>John R. Adler, Jr, MD, Inventor of the CyberKnife radiosurgical instrument (no CME credit)</td>
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<td>2:10–2:30 pm</td>
<td><strong>Innovation in Neurosurgical Training: The NIH / UVA Neurosurgery Training Program</strong></td>
<td>John D. Heiss, MD; Mark E. Shaffrey, MD</td>
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<td>2:30–2:45 pm</td>
<td><strong>Innovation in Safety: The Formula 1 Experience</strong></td>
<td>Stephen E. Olvey, MD, Medical Director, Indy Car Racing Association</td>
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<td>2:45–3:00 pm</td>
<td><strong>Break</strong></td>
<td>Ballroom Foyer</td>
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<td>3:00–3:10 pm</td>
<td><strong>The New NREF</strong></td>
<td>Jon H. Robertson, MD</td>
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<tr>
<td>3:10–3:15 pm</td>
<td><strong>Introduction of Keynote Speaker</strong></td>
<td>Kim J. Burchiel, MD</td>
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<tr>
<td>3:15–3:40 pm</td>
<td><strong>Keynote Address: The Future of Resident Training</strong></td>
<td>Thomas J. Nasca, MD, CEO, Accreditation Council for Graduate Medical Education</td>
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<td>3:40–4:00 pm</td>
<td><strong>Era of Collaborative Science: An Update from the NIH</strong></td>
<td>Walter J. Koroshetz, MD, NINDS Acting Director</td>
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| 4:00–4:35 pm | **NFL, GE, and NIH Collaborations: Improving Player Safety**           | Jeffrey B. Miller, JD
  - *NIH Collaboration*  
  - Richard Ellenbogen, MD
  - *GE Collaboration*  
  - Mitchel S. Berger, MD |
| 4:35–4:40 pm | **Introduction of Grossman Award and Lecture**                          | H. Hunt Batjer, MD                                                                                |
4:40–5:30 pm  
**Grossman Lecture: Prion Biology of the Tau Protein—Implications for Common Neurodegenerative Disease**

– Marc Diamond, MD, Director, Center for Alzheimer’s and Neurodegenerative Diseases and Professor of Neurology and Neurotherapeutics, UT Southwestern Medical School

7:00–8:00 pm  
**Reception at Mandarin Oriental Hotel**  
Ballroom Foyer

8:00–10:30 pm  
**Banquet at Mandarin Oriental Hotel**  
Salon 1 & 2

TUESDAY, JUNE 9, 2015

WORKING BREAKFAST: ALIGNING NEUROSURGERY PANEL DISCUSSION

7:00–8:15 am (Breakfast is available beginning at 6:30)  
Salon 2 & 3

Moderator: Anil Nanda, MD, MPH

Panel Members:

– H. Hunt Batjer, MD (AANS);
– Robert E. Harbaugh, MD (SNS);
– Nathan R. Selden, MD, PhD (CNS);
– Fredric B. Meyer, MD (ABNS);
– Kim J. Burchiel, MD (RRC);
– Mitchel S. Berger, MD (Academy);
– Stephen J. Haines, MD (NSA);
– Jacques J. Morcos, MD (SUN)

8:15–8:30 am  
**Break**  
Ballroom Foyer

SESSION 5: TUESDAY MORNING

Updates in Neurosurgery Education and Organization  
Salon 2 & 3

Moderator: Anil Nanda, MD, MPH

8:30–8:40 am  
**RUNN Course Update** – Allan H. Friedman, MD, PhD

8:40–8:50 am  
**Match Committee Update** – Nelson M. Oyesiku, MD, PhD

8:50–9:00 am  
**ABNS Update** – Fredric B. Meyer, MD

9:00–9:30 am  
**MOC – Adding Value, or Just Adding?**

Adding Value – Vincent C. Traynelis, MD

Just Adding – Jacques J. Morcos, MD

Panel Discussion – H. Hunt Batjer, MD, Vincent C. Traynelis, MD; Jacques J. Morcos, MD; Fredric B. Meyer, MD

9:30–10:00 am  
**Washington Committee Update**

– John A. Wilson, MD

10:00 am  
**Adjourn**