PROGRAM AT A GLANCE

THURSDAY, OCTOBER 14, 2021

3:00 – 5:00 pm
Executive Council Meeting

6:00 – 7:00 pm
Welcome Reception

FRIDAY, OCTOBER 15, 2021

7:00 am – 5:00 pm
Registration

7:00 – 7:45 am
Breakfast

8:00 am - 12:00 pm
Session 1
Resident Education Looking Forward
Moderators: Sepideh Amin-Hanjani, MD; Judy Huang, MD

8:00 - 8:05 am
Introduction
M. Sean Grady, MD

8:05 - 8:35 am
RRC Insights, Decision Making Process, and Pearls for Programs
Robert E. Harbaugh, MD; Corey J. Parker, MPA

8:35 - 8:50 am
New Case Logs - What it Means for Residents
Daniel Lubelski, MD

8:50 - 9:05 am
SNS Policy on Professionalism
Karin M. Muraszko, MD

9:05 - 9:20 am
Curriculum for Quality Improvement & Root Cause Analysis
Michelle J. Clarke, MD

9:20 - 9:35 am

All speakers and topics are subject to change
Program Reorganization - Research, Enfolded CAST Fellows, Resident Switches
Nicholas M. Barbaro, MD

9:35 - 10:00 am
Panel Q & A

10:00 AM - 10:15 AM
Break

10:15 AM - 10:30 AM
Challenges and Opportunities for Residency Programs after the Pandemic
Deborah L. Benzil, MD

10:30 AM - 10:45 AM
Attracting the Next Generation of Medical Students
Susan C. Pannullo, MD

10:45 AM - 11:00 AM
Well-Being of Faculty & Residents - Promoting Grit/Preventing Failure
Daniel Yoshor, MD

11:00 AM - 11:15 AM
Evolution of Medical Student Education and Evaluations
Stacey Q. Wolfe, MD

11:15 AM - 11:30 AM
Virtual Recruitment and Interviews - Standardized Questions, Strategies for New/Small Programs
Lola B. Chambless, MD

11:30 AM - 11:45 AM
Health System Science - Combining UME and GME
S. Claiborne Johnston, MD, PhD

11:45 AM - 12:00 PM
Panel - Q & A

12:00 PM - 1:00 PM
Lunch

1:00 PM - 5:00 PM
Session 2
Neurosurgery Research and Education - The Next 100 Years
Moderators: Linda M. Liau, MD, PhD, MBA; Julie G. Piliitis, MD, PhD

1:00 PM - 1:05 PM
Introduction of Grossman Award Lecture
M. Sean Grady, MD
1:05 PM - 1:35 PM
**Grossman Award Lecture**

1:35 PM - 1:50 PM
**Simulated and Remote Resident Training**
*Carolyn Quinsey, MD*

1:50 PM - 2:05 PM
**Quality Improvement in Resident Education**
*Nicholas J. Szerlip, MD*

2:05 PM - 2:20 PM
**Crucial Role of Diversity for the Future of Neurosurgery**
*Gail Rosseau, MD*

2:20 PM - 2:40 PM
**What Will the Neurosurgery Journals Look Like in the Future**
*Nelson M. Oyesiku, MD, PhD*

2:40 PM - 2:55 PM
**Break**

2:55 PM - 3:10 PM
**Debate: Should Large Meetings be Virtual?**
*Anthony L. Asher, MD*

3:10 PM - 3:25 PM
**Digital Medicine and Digital Phenotyping in Neurosurgery**
*Timothy R. Smith, MD, PhD*

3:25 PM - 3:40 PM
**How Big Data Will Impact Neurosurgery**
*Mohamad Bydon, MD*

3:40 PM - 4:00 PM
**Panel Discussion**

4:00 PM - 4:10 PM
**SNS Social Media and Twitter**
*Martina Stippler, MD*
4:10 PM - 4:15 PM  
Introduction of Ben Carson

4:15 PM - 4:45 PM  
From the Operating Room to the Situation Room  
Ben Carson

4:45 PM - 5:00 PM  
Q & A

4:00 – 6:00 pm  
SNS Committee Meetings
- CORE and Resident Courses
- CAST Meeting
- Medical Student Committee Meeting
- Research Meeting

6:30 – 9:30 pm  
Reception and Dinner  
Offsite Venue

SATURDAY, OCTOBER 16, 2021
7:00 am – 4:00 pm
Registration

7:00 – 8:00 am
Breakfast

8:00 AM - 12:00 PM  
Session 3: Next 100 years of Clinical Practice and How to Teach It  
Moderators: Aviva Abosch, MD, PhD, Matthew G. Ewend, MD

8:00 AM - 8:15 AM  
Neuromodulation  
Erika A. Petersen, MD

8:15 AM - 8:30 AM  
The future of Endovascular Neurosurgery  
J D. Mocco, MD

8:30 AM - 8:45 AM  
The Future of Pediatric Neurosurgery  
Alan R. Cohen, MD

8:45 AM - 9:00 AM  
Psychiatric Neurosurgery: What Does the Future Hold?  
Sameer A. Sheth, MD, PhD
9:00 AM - 9:15 AM
Harnessing the Immune System
Ian F. Parney, MD, PhD

9:15 AM - 9:30 AM
How Machine Learning Will Change Spinal Surgery, Patient Selection and Decision Making
Christopher P. Ames, MD

9:30 AM - 9:45 AM
Neurotrauma and Neurorehab
Odette Harris, MD, MPH

9:45 AM - 10:00 AM
Panel Discussion

10:00 AM - 10:20 AM
Break

10:20 AM - 10:28 AM
ABNS Update
Steven N. Kalkanis, MD

10:28 AM - 10:36 AM
Washington Committee Update
John K. Ratliff, MD

10:36 AM - 10:45 AM
CAST Update
Nicholas M. Barbaro, MD

10:45 AM - 10:50 AM
Introduction of Past President: Karin Muraszko
Deborah L. Benzil, MD

10:45 AM - 10:50 AM
Introduction of Past President: Karin Muraszko
Nathan R. Selden, MD, PhD

10:50 AM - 11:20 AM
Past President's Address
Karin M. Muraszko, MD

11:20 AM - 11:25 AM
Introduction of President: Sean Grady
Matthew A. Howard, III, MD

11:20 AM - 11:25 AM
Introduction of President: Sean Grady
Warren R. Selman, MD

All speakers and topics are subject to change
11:25 AM - 11:55 AM
Presidential Address
M. Sean Grady, MD

11:55 AM - 12:00 PM
Passing of Gavel
M. Sean Grady, MD

12:00 PM - 1:00 PM
Lunch

1:00 PM - 4:00 PM
Session 4: Really New in the Next 100 Years
Moderators: Deborah L. Benzil, MD; Nelson M. Oyesiku, MD, PhD

1:00 PM - 1:05 PM
Introduction of Winn Award Winner
E. Antonio Chiocca, MD, PhD

1:05 PM - 1:35 PM
Winn Award Lecture
Murat Gunel, MD

1:35 PM - 1:40 PM
Q & A
Murat Gunel, MD

1:40 PM - 1:55 PM
Bioinformatics Tools to Improve the Quantity and Quality of Data
Jason Davies, MD, PhD

1:55 PM - 2:10 PM
Use of AI in Neurosurgery
Omar Arnaout, MD

2:10 PM - 2:25 PM
Break

2:25 PM - 2:40 PM
Role of Social Media in Neurosurgery
Anand Veeravagu, MD

2:40 PM - 2:55 PM
Meeting Patient Expectations in the Coming Decade
Lynda J. Yang, MD, PhD

2:55 PM - 3:15 PM
Panel Discussion
3:15 PM - 3:20 PM
Medical Student Teaching Award
Stacey Q. Wolfe, MD

3:20 PM - 3:25 PM
Distinguished Service Award
M. Sean Grady, MD

3:25 PM - 3:55 PM
Practice in Rapidly Changing Environments - NFL 2020
Guest Speaker: Allen Sills, NFL Chief Medical Officer

3:55 PM - 4:00 PM
Q & A