The San Francisco Neurological Society 72nd Annual Meeting  
April 3-5, 2020 - PRELIMINARY AGENDA

Monterey Plaza Hotel | 400 Cannery Row, Monterey, CA 93940

Friday, April 3, 2020 (CME: 6.5 hours)

7:00 - 8:00am Registration / Breakfast Buffet in Exhibit Hall

8:00 - 8:05am Welcome Remarks
Mark F. Sedrak, MD, FAANS – 69th President of the San Francisco Neurological Society  
Director of Functional Neurosurgery - TPMG  
Associate Clinical Professor of Neurosurgery – Stanford University

Moderator: Gena Roy, MD

8:05 - 8:40am Biomedical Engineering in Stereotactic Neurosurgery
Eric Sabelman, PhD  
Functional Neurosurgery Bioengineer  
Kaiser Permanente Medical Center – Redwood City

8:40 – 9:15am You’re Successful, Why Aren’t You Happier? Neuroscience and Happiness
Stephen I. Ryu, MD, MS, FACS, FAANS  
Chair of Neurosurgery, Palo Alto Medical Foundation  
Consulting Professor of Electrical Engineering, Stanford University

9:15 - 9:50am An Innovative Inter-disciplinary Approach to the Diagnosis of Idiopathic Inflammatory Myopathies
Amir Sabouri, MD, PhD  
Neuromuscular Sub-Specialist, General Neurologist Department of Neurology and Pathology  
The Permanente Medical Group

9:50 - 10:20am Coffee Break in Exhibit Hall

10:20 - 10:55am The Translation of Neural and Behavioral Biomarkers to Closed Loop Neuromodulation Therapy in Parkinson’s disease
Helen Bronte-Stewart, MD, MSE  
John E. Cahill Family Professor  
Professor of Neurology and Neurosurgery Director, Stanford Movement Disorders Center  
Division Chief, Movement Disorders Division  
Department of Neurology and Neurological Sciences Co-director, Stanford Balance Center  
Stanford University School of Medicine

10:55 - 11:30am Generation of an Artificial Blood - Brain Barrier with Cerebral Organoids
Ben Waldau, MD  
Associate Professor, Neurological Surgery UC Davis Health

11:30am - 12:05pm Alternating Electric Fields Therapy in Neuro-Oncology
Chirag Patel, MD, PhD  
Clinical Assistant Professor, Neurology & Neurological Sciences and,  
by courtesy, of Radiology  
Stanford University School of Medicine

12:05 - 12:15pm Break – grab a lunch box and get situated for the CME lunch talk!
12:15 - 1:15pm  Staying Up to Date with Advances in the Management of Multiple Sclerosis  
Speaker TBD  
CME talk hosted by Rockpointe / Lunch hosted by SFNS

1:15 - 1:30pm  Break

Moderator: Taissa Cherry, MD

1:30 - 2:05pm  Recent advances in the neurobiology and management of neuropathic pain  
Allan Basbaum, PhD  
Professor & Chair, Department of Anatomy University of California, San Francisco

2:05 - 2:40pm  Multiple Sclerosis and Neuromyelitis Optica Spectrum Disorders Update  
Christopher Lock, MD, PhD  
Clinical Associate Professor, Neurology & Neurological Sciences, Clinical Trials Director,  
Multiple Sclerosis & Neuroimmunology Program  
Stanford University

2:40 - 3:15pm  Neuromodulation for Pain  
Line Jacques, MD  
Professor, Neurological Surgery  
Ustärke Well Institute for Neurosciences

3:15 - 3:25pm  SFNS Business Meeting – Report from the Executive Committee

3:25 - 3:55pm  Coffee Break in Exhibit Hall

3:55 - 4:30pm  Imaging Neuromodulation with Synthetic Nanosensors  
Markita Landry, PhD  
Assistant Professor of Chemical and Biomolecular Engineering UC Berkeley

4:30 - 5:05pm  Imaging of Neurodegenerative Cases  
Leo Sugrue, MD, PhD  
Assistant Professor, Departments of Radiology and Psychiatry  
Director, Laboratory for Precision Neuroimaging  
University of California, San Francisco

6:00pm  President’s Reception at The Monterey Bay Aquarium  
RSVP REQUIRED

Saturday, April 4, 2020 (CME: 4.8 hours)

7:00 - 8:00am  Registration / Breakfast Buffet

8:00 - 8:05am  Welcome Remarks  
Mark F. Sedrak, MD, FAANS – 69th President of the San Francisco Neurological Society  
Director of Functional Neurosurgery - TPMG  
Associate Clinical Professor of Neurosurgery – Stanford University

Moderator: Anand Veeravagu, MD

8:05 - 8:45am  Evolving Landscape of Neurotherapeutics  
Arsani William, MD Managing Partner  
Logos Capital Management, LLC

8:45 - 9:25am  AI Synchronized Healthcare  
Chris Mansi, MD  
Co-founder & CEO Viz.ai

9:25 - 9:55am  Coffee Break in Exhibit Hall

9:55 - 10:35am  Functional /DBS, Radiosurgery  
Antonio DeSalles, MD, PhD  
Co-director, Radiosurgery Program UCLA
10:35 - 11:15am  Role of Revascularization in the Current Era of Endovascular Therapies  
Gary Steinberg, MD, PhD  
Bernard and Ronni Lacroute-William Randolph Hearst Professor of Neurosurgery  
Chair, Department of Neurosurgery  
Stanford University, School of Medicine

11:15am - 12:15pm  UCSF Annual Boldrey Lecture  
Evolution from High-Volume to High-Quality to High-Value Clinical Neuroscience Care  
Neil A. Martin, MD  
Chief Quality Officer  
Chair, Neuroscience Institute  
Geisinger Health System

12:15 - 12:30pm  Break

12:30 - 1:30pm  Possible Lunch CME Talk

Concurrent Sessions

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30 - 1:35 pm</td>
<td>Resident Scholarship Awards</td>
<td>Leslie A. Gillum, MD, MPH</td>
</tr>
<tr>
<td>1:35 - 2:05 pm</td>
<td>Optogenetic Stimulation for Stroke</td>
<td>Arjun Pendharkar, MD</td>
</tr>
<tr>
<td></td>
<td>Neurosurgical Resection of Highly Vascular Midline Intracranial Tumors</td>
<td>John Duncan, MD, PhD</td>
</tr>
<tr>
<td></td>
<td>Brain Tumors, with a Surgeon</td>
<td>Jinny Lee, NP, RNFA</td>
</tr>
<tr>
<td>2:40 - 3:10 pm</td>
<td>Coffee Break in Exhibit Hall</td>
<td></td>
</tr>
<tr>
<td>3:10 - 3:15 pm</td>
<td>Young Investigator Awards</td>
<td>Leslie A. Gillum, MD, MPH</td>
</tr>
<tr>
<td>3:15 - 3:35 pm</td>
<td>Child Neurology Award</td>
<td></td>
</tr>
<tr>
<td>3:35 - 3:55 pm</td>
<td>Newman Award</td>
<td></td>
</tr>
<tr>
<td>3:55 - 4:15 pm</td>
<td>Boldrey Award</td>
<td></td>
</tr>
<tr>
<td>4:15 - 4:35 pm</td>
<td>Rosegay Award</td>
<td></td>
</tr>
<tr>
<td>4:35 - 4:55 pm</td>
<td>Hanberry Award</td>
<td></td>
</tr>
</tbody>
</table>

Nursing Symposium (CME: 3 hours)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Moderator: Nancy Palmer, NP, RNFA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30 - 2:15 pm</td>
<td>Infectious causes of stroke</td>
<td>Jennifer Cave-Brown, RN, NP, ACNP, CNRN</td>
</tr>
<tr>
<td></td>
<td>The Role of Being a new NP with a Surgeon</td>
<td>John Muir Health</td>
</tr>
<tr>
<td>3:00 - 3:45 pm</td>
<td>Brachial Plexus Mucormycosis Secondary to Perineurial Spread</td>
<td>Charlotte Huie, NP</td>
</tr>
<tr>
<td>3:45 - 4:30 pm</td>
<td>Discussion</td>
<td></td>
</tr>
</tbody>
</table>
6:00 pm - 7:00 pm  Annual Dinner Reception

7:00 pm - 9:00 pm  Annual Dinner – “Humans in Space”
Keynote Speaker: Professor Stephen K. Robinson
Department of Mechanical and Aerospace Engineering, UC Davis

Former Astronaut and Head HOME (Habitats Optimized for Missions of Exploration)
Space Technology Research Institute, UC Davis

Dr. Stephen (Steve) K. Robinson joined the Mechanical and Aerospace Engineering faculty as a full-time professor Fall 2012, after retiring from NASA. His 36 years of distinguished service at NASA include numerous honors and awards–four shuttle missions, three spacewalks–and extensive expertise in spacecraft systems, space robotics and scientific payload operations. As a research scientist, his areas of interest include turbulence flow physics and modeling, experimental techniques, instrumentation, 3D scientific visualization, applied aerodynamics, safety engineering and applied cognitive psychology.

Sunday, April 5, 2020 (CME: 2.6 hours)

6:30 - 7:30 am  Annual Fun Run

7:30 - 8:30 am  Registration / Breakfast Buffet

8:30 - 8:35 am  Welcome Remarks
Mark F. Sedrak, MD, FAANS – 69th President of the San Francisco Neurological Society
Director of Functional Neurosurgery - TPMG
Associate Clinical Professor of Neurosurgery – Stanford University

Moderator: Janet Lin, MD

8:35 - 9:05 am  History of Awake Craniotomy
Professor Maximilian Mehdorn, MD, PhD
Emeritus Chair of Neurosurgery
University Hospital
Kiel, Germany

9:05 - 9:3 am  From Neuro Emergencies to Global Surgery: Addressing Healthcare Needs Worldwide
Russell J. Andrews, MD
Medical Advisor, Nanotechnology & Smart Systems
NASA Ames Research Center

9:35 - 10:0 am  Treatment of Ruptured and Unruptured Brain Aneurysms of the Vertebobasilar Arteries
Adib Abla, MD
Associate Professor and Tong-Po Kan Endowed Chair
Chief of Vascular Neurosurgery and Fellowship Director
Department of Neurological Surgery
University of California, San Francisco

10:05 - 10:35 am  Coffee Break in Exhibit Hall

10:35 – 11:05 am  Virtual Reality and It’s Applicability as an Educational Tool in the Clinical Neurosciences
Jonathan Artz, MD
Medical Director for the Stroke and Cognitive Disorders Program at Kaiser San Rafael Tele Stroke
Neurologist - KP Northern California
Stroke Express Program Director of Neurological Education The Permanente Medical Group

11:05 - 11:35 am  A motor theory of sleep control
Yang Dan, PhD
Professor of Neurobiology and Vision Science UC Berkeley

11:35 - 11:40 am  Closing Remarks
William McMullen, PhD – Incoming SFNS President Director of Neuropsychological Services
Sutter Pacific Epilepsy Program

11:40 pm  Adjourn