Dr. Jane is the past director of the American Board of Neurological Surgery and past president of the Society of Neurological Surgeons.

Cushing Oration
12:10 – 1:00 PM

Introduced By: A. John Popp
Speaker: Ken Burns

Ken Burns has been making documentary films for more than twenty years. Most notable among his work is the PBS series Baseball. Four and a half years in the making and eighteen and a half hours in length, this film covered the history of baseball from the 1840’s to the present. It became the most watched series in PBS history, attracting more than 45 million viewers. Among critical acclaim, Baseball earned Mr. Burns an Emmy, the Clarion Award, and The Television Critics Awards for Outstanding Achievement in Sports and Special Programming.

Mr. Burns also is the director, producer, co-writer, chief cinematographer, music director and executive producer of the landmark television series The Civil War. This film attracted an audience of 40 million during its premiere in September 1990. The film attracted praise from audiences and critics; The Washington Post said, “This is not just good television, nor even just great television. This is heroic television.” The series has been honored with more than forty major film and television awards, including two Emmy Awards, two Grammy Awards, Producer of the Year Award from the Producer’s Guild, People’s Choice Award, Peabody Award, and others.

In January of 1998, Ken Burns’ film Frank Lloyd Wright premiered at the Sundance Film Festival and aired on PBS in the fall of 1998. His recent works also include: Lewis and Clark: The Journey of the Corps of Discovery; Thomas Jefferson; The West; Brooklyn Bridge; The Shakers: Hands to Work, Hearts to God; The Statue of Liberty; and others.

His recently completed works include a series of biographies on the lives of Elizabeth Cady Stanton, Susan B. Anthony, and Mark Twain. His major series, on the history of Jazz, has recently aired on PBS.

1:00 – 2:00 PM
Lunch in the Exhibit Hall

2:00 – 2:45 PM
Poster Viewing
- Spine and Peripheral Nerve
- Pediatric
- Socio-Economic

2:45 – 5:35 PM
AANS/CNS Cerebrovascular Section

Moderators: Frank Culicchia, Robert M. Friedlander, E. Sander Connolly, Jacques J. Morcos, Michael T. Lawton

This session will serve as a forum for the presentation of topics related to Vascular Neurosurgery.

Learning Objectives: After completing this session participants should be able to:
- Discuss concepts and advances in the care of patients with Vascular Neurosurgical illness
- Understand the changing field of Vascular Neurosurgery
- Apply the information to their practice to better care for patients

801 3:55 – 4:05 PM
Shunting for Normal Pressure Hydrocephalus Using a Programmable Valve: The Brigham and Women’s Hospital Experience.

Authors: Peter McL. Black, Alexandra Chabrerie, Kathleen McConnell, Nancy Olsen Bailey

802 4:05 – 4:15 PM
Initial Clinical Experience with Magnetic Navigation System: A Safety Study

Author: Demetrius K. Lopes

803 4:15 – 4:25 PM
Differential Expression of Matrix Metalloproteinases in Ruptured and Unruptured Intracranial Aneurysms

Authors: Garni Barkhoudarian, John A. Cowan, Jr., Indranil Sinha, Gilbert R. Upchurch, Byron G. Thompson

2:45 – 3:20 PM
Special Symposium
The Changing Face of Cerebrovascular Surgery: Present and Future as a Neurovascular Surgeon

Moderators: Frank Culicchia and Warren R. Selman

804 3:20 – 3:25 PM
Special Lecture and Award

Introduced By: Warren R. Selman
Speaker: Daniel L. Barrow
Title: Is there a Future for Vascular Neurosurgery?

805 3:25 – 3:30 PM
Special Lecture and Award

Introduced By: Warren R. Selman
Speaker: Robert C. Hero
Title: Career Choices for the Vascular Neurosurgeon

WINS Resident Award Presentation
3:50 – 3:55 PM
Presented By: Deborah L. Benzil and Edie Zusman
Recipient: Hayan Dayoub

Scientific Session
3:55 – 5:35 PM

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804 4:25 – 4:35 PM
Development of TAT (A Cell Penetrating Peptide) Conjugated Fluorescent Nanoparticles for Preoperative Intra-Arterial Brain Mapping
Authors: Swadeshmukul Santra, Eric Eskioglu, Matthew V. Burry, Courtney S. Watkins, Jessie T. Stanley, Robert A. Mericle

805 4:35 – 4:45 PM
Neuroprotective Effect of Edaravone on Brain Edema and Endogenous Superoxide Scavenging Activity in Cerebral Ischemia-Reperfusion
Authors: Shigeki Toda, Takahiro Atsumi, Yukio Ikeda, Akira Teramoto

806 4:45 – 4:55 PM
Bypass Grafting and Revascularization in the Management of Posterior Circulation Aneurysms
Authors: James J. Evans, Laligam N. Sekhar, Ramin Rak, Dinko Stimac

807 4:55 – 5:05 PM
Local Delivery of Thrombolytics by Controlled-Release Polymers for the Treatment of Intracranial Hemorrhage
Authors: Wesley Hsu, Gustavo Pradilla, Ryan M. Kretzer, Pablo Recinos, Quoc A. Thai, Federico G. Legnani, Rafael J. Tamargo

808 5:05 – 5:15 PM
Signs of Vascular Wall Remodeling in the Fundus of Saccular Aneurysms are Associated with Rupture
Authors: Juhana Frösen, Anna Piippo, Anders Paetau, Marko Kangasniemi, Juha E. Jääskeläinen

809 5:15 – 5:25 PM
Encephalo-Duro-Myo-Arterio-Pericranial Synangiosis (EDMAPS) for Moyamoya Disease: Clinical Results of extensive Bypass Surgery Using Pericranial Flap
Authors: Satoshi Kuroda, Kiyohiro Houkin, Tatsuya Ishikawa, Yoshinobu Iwaski

810 5:25 – 5:35 PM
Complications and Incidence of Bleeding in AVM’s Treated with LINAC Radiosurgery
Authors: Alessandra G. Pedroso, Antonio A. F. De Salles, Zachary A. Smith, Leonardo Frighetto, Katayoun Tagik, Bryan Goss, Rodrigo C. Torres, Dulce M. Espinoza, Gabriela R. Chavez, Cynthia C. Awang, Timothy Solberg, Michael Selch, Fernando Vinuela

Cerebrovascular Section Business Meeting immediately following Section Session

2:45 – 5:30 PM
AANS/CNS Section on Pediatric Neurological Surgery
Moderators: Andrew D. Parent and Rick Abbott
This session will serve as a forum for the presentation of topics related to Pediatric Neurological Surgery.
Learning Objectives: After completing this session participants should be able to:
- Discuss recent advances in the care of pediatric patients with neurosurgical illness

811 3:45 – 4:00 PM
Minimizing Cerebrospinal Fluid Shunt Infections — Reduction of a Medical Error in the Community Setting
Author: Samuel R. Neff

812 4:00 – 4:15 PM
CNS Injuries from Motorcycle and ATV Collisions in Children: Do Helmets Increase the Risk?
Authors: Ann M. Carr, John Orphanos, Charles L. Rosen

813 4:15 – 4:30 PM
Use of Prophylactic Cerebrospinal Fluid Drainage to Prevent Post-Operative Complications Association with Hemispherectomy
Authors: Atthaporn Boongird, Nitin Tandon, Ann Warbel, Joan Palmer, Elaine Wylie, William E. Bingaman

814 4:30 – 4:45 PM
Functional MR Imaging in Pediatric Epilepsy Surgery
Authors: Greg Olavarria, Glenn Morrison

815 4:45 – 5:00 PM
Epilepsy Surgery in Young Children with Tuberous Sclerosis
Authors: Howard L. Weiner, Josianne Lojoie, Daniel Miles, Orrin Devinsky