FRIDAY, MAY 23, 2014
3:30 - 5:30PM Registration
3:00 - 6:00PM Exhibitors Set-up
6:30 - 8:00PM Cocktail Reception on the Beachfront Lawn
8:00PM Executive Committee / Honored Guest Dinner

SATURDAY, MAY 24, 2014
7:00 – 8:00AM GNS Board of Directors Meeting
7:30 – 9:30AM Registration & Exhibit Visitation
7:30 – 9:00AM Continental Breakfast & Exhibit Visitation
8:00AM - 12:30PM SCIENTIFIC SESSIONS
The Cloister Ballroom III
8:00 - 8:10AM Welcome and Call to Order
Hugh Smisson, MD
GNS President
8:10 – 8:30AM Dr. Richard Franklin Slaughter – The First Neurosurgeon in Augusta
Cargill H. Alleyne, Jr., M.D.
Objectives:
- Understand the relationship of Dr. Slaughter to Dr. Walter Dandy
- Describe some of the typical cases he performed
- Describe his contribution to neurosurgery
8:30 – 8:35AM Questions & Answers
8:35 - 8:55AM Aneurysm Surgery in the Endovascular Era
Daniel Barrow, MD
Objectives:
- Better appreciate the role of surgery in the management of intracranial aneurysms
- Understand the adjuncts used in the surgical treatment of aneurysms
- Appreciate the value of dedicated, multidisciplinary teams in the management of intracranial aneurysms
8:55 – 9:00AM  Questions & Answers

9:00 - 9:20AM  Surgical considerations for Oblique Lumbar Interbody Fusion (OLIF)
John A. Cowan, Jr, MD

Objectives:
- Discuss the indications and contraindications for Oblique Lumbar Interbody Fusion (OLIF)
- Identify the advantages to an Oblique approach
- Understand the surgical technique involved for OLIF

9:20 – 9:25AM  Questions & Answers

9:25 – 10:05AM  Title:  HONORED GUEST PRESENTATION:
Malcolm R. Bullock, M.D., Ph.D.

Objectives:

10:05 – 10:15AM  Questions & Answers

10:15 – 10:45AM  BREAK & EXHIBIT VISITATION

10:45 – 11:45AM  Resident Paper Contest Presentations – Session #1

10:45 - 10:55AM  Posterior Cervical Fusion in a 3 Week Old Infant with Severe Fracture Dislocation Injury:  A Case Report
Christopher M. Holland, MD, PhD

Objectives:
- Understand the common etiologies of cervical spine injuries in neonates
- Understand the unique challenges for radiographic and clinical diagnosis in the neonate
- Understand the unique technical considerations of cervical spine stabilization in the neonate

10:55 – 11:05AM  Retrospective review of external ventricular drain management
Khoi Nguyen, MD

Objectives:
- Understand variables present in EVD management
- Understand the potential for adverse outcomes with EVD management

11:05 – 11:15AM  Readmission and Reoperation Rates Within 30 days of Discharge Following Pediatric Neurosurgery
Jason Chu, MD

Objectives:
- Identify risk factors for readmission after a pediatric neurosurgery procedure
- Identify risk factors for reoperation after a pediatric neurosurgery procedure
Factors related to external ventricular drain associated infections in neurosurgical patients at Grady Memorial Hospital
Griffin R. Baum, MD

Objectives:
- Define EVD-associated ventriculitis
- Explain factors related to the diagnosis and treatment of EVD-associated ventriculitis
- Predict important features to an evidence-based protocol aimed at reducing the rate of EVD-associated ventriculitis

Case report of spondylodiscitis due to candida in an immunocompetent male
David Wang, MD

Objectives:
- Although rare, fungal etiology of spondylodiscitis should be investigated by intraoperative cultures.
- While candida spondylodiscitis is usually seen in immunocompromised patients, it can occur in the immunocompetent patient.

The Cytokine TWEAK Induces Early Brain Injury After Subarachnoid Hemorrhage
Brandon Miller, MD

Objectives:
- Describe the role of the TWEAK-FN14 signalling pathway
- Understand early brain injury after SAH
- Discuss strategies to reduce early brain injury after SAH

O-Arm Navigated Cortical Screw Fixation of the Thoracolumbar Spine
Steven D. Wray MD

Objectives:
- Describe a novel means of fixating the spine using cortical screw fixation
- Understand potential advantages of a minimally invasive midline approach to spinal fixation
- Understand the potential benefits of image guidance for cortical screw fixation.

ADJOURN

SUNDAY, MAY 25, 2014
8:00 - 9:30AM Registration & Exhibit Visitation
8:00 – 9:30AM Continental Breakfast & Exhibit Visitation
8:00AM - 12:30PM  SCIENTIFIC SESSIONS
The Cloister Ballroom III

8:00 – 9:15AM  
**Resident Paper Contest Presentations – Session #2**

8:00 – 8:10AM  
*Outcomes for Temporal Lobe Epilepsy Surgery in Children*  
June Yowtak, MD

**Objectives:**  
- Understand the indications for surgery for temporal lobe epilepsy  
- Determine the efficacy of surgery in temporal lobe epilepsy.

8:10 – 8:20AM  
*Oculomotor Nerve Palsy Resolution Secondary to Posterior Communicating Artery Aneurysms Following Coil Embolization or Clip Ligation*  
Jay McCracken, MD

**Objectives:**  
- Understand the presentation and pathophysiology behind an acute third nerve palsy  
- Understand the different treatment modalities offered to treatment of aneurysms and the rate of resolution of ONP

8:20 – 8:30AM  
*Utility of Surveillance Imaging after Minor Blunt Head Trauma*  
Brian Howard, MD

**Objectives:**  
- Discuss the incidence of adverse events following minor blunt head trauma in the pediatric population.  
- Discuss the role of surveillance, post-discharge imaging following discharge after admission for minor blunt head trauma.

8:30 – 8:40AM  
*Seizure frequency and clinical outcomes in operative versus non-operative pediatric traumatic brain injury*  
Anna Huguenard

**Objectives:**  
- Understand demographic differences between operative and non-operative pediatric traumatic brain injury patients.  
- Appreciate the relationship between operative and non-operative pediatric TBI patients with seizure frequency and the persistence of long-term seizure disorder.  
- Understand the limitations of EEG studies in predicting long-term seizure risk or need for pharmacological seizure prophylaxis.

8:40 – 8:50AM  
*A Novel Technique for Distal Shunt Revision*  
Eric Sribnick, MD

**Objectives:**  
- Describe different possible causes of distal shunt failure  
- Describe how the modified Seldinger technique can be used to revise the distal catheter
Describe how the length of procedure can impact shunt outcome

8:50 – 9:00AM  
*High Definition Three Dimensional Endoscopic Transsphenoidal Surgery*

Jason Chu, MD

**Objectives:**
- Compare and contrast 2D and 3D endoscopy for transsphenoidal surgery
- Identify the advantages of high definition 3D endoscopy for transsphenoidal surgery

9:00 – 9:10AM  
Questions & Answers

9:10 – 9:55AM  
**Title:**  HONORED GUEST PRESENTATION:  
Malcolm R. Bullock, M.D., Ph.D.

**Objectives:**

9:55 – 10:05AM  
Questions & Answers

10:05 - 10:35AM  
BREAK AND EXHIBIT VISITATION

10:35 – 10:55AM  
GNS General Business Meeting

10:55 - 11:15PM  
*Outcomes after transsphenoidal surgery for Cushing’s disease: Emory University Experience*

Nelson Oyesiku, MD

**Objectives:**
- Describe the optimal outcomes following transsphenoidal surgery for Cushing’s disease
- Describe the criteria for remission
- Describe the factors that may determine short and long-term remission

11:15 – 11:20AM  
Questions & Answers

11:20AM – 12:00PM  
PANEL DISCUSSION

**Objectives:**

12:00 – 12:10PM  
Conference Wrap-up

12:10PM  
ADJOURN

**ACCREDITATION**

The Southern Alliance for Physician Specialties CME is accredited by the Medical Association of Georgia to provide continuing medical education for physicians.
The Southern Alliance for Physician Specialties CME designates this live activity for a maximum of 7.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.