Wednesday, May 15, 2019
7:00 AM - 4:45 PM

- 3-D Demonstration: Functional Anatomy of the Cerebral Cortex
- White Matter Tracts
- Brain Tumors: Pathology and Research with Case Studies/Case Correlation
- Questions and Answers
- Hands-On Cadaver Lab: Cerebral Cortex
- Neurological Assessment/Care of the ICU Patient
- Functional Anatomy of the Brain Stem, Cranial Nerves and Associated Pathways
- Overview of the Basal Ganglia
- Anatomy of Motor Skills
- Hands-On Cadaver Lab: Brainstem, Cranial Nerves/ Basal Ganglia
- NeuroPharmacology Updates
- Questions and Answers

REGISTRATION:
For further details and registration, click on the link below:
http://slu.edu/medicine/pase
This workshop will be held at the PASE Learning Center located in Young Hall, 3839 Lindell Boulevard, Saint Louis, MO 63108
TUITION FEES: $495

The education the participant gains through our CME activities does not satisfy training requirements to perform the surgery.
This program is designed to provide exposure to many aspects of care of the neurosurgical patient. The participants will have the opportunity to increase their knowledge base regarding radiology results, cranial anatomy, and surgical approaches, and will have the opportunity to perform 2 different craniotomy procedures. Identify significant anatomical structures during craniotomy exposure.
This program is designed to provide exposure to many aspects of care of the neurosurgical patient. The participants will have the opportunity to increase their knowledge base regarding radiology results, cranial anatomy, and surgical approaches, and will have the opportunity to perform 2 different craniotomy procedures. Identify significant anatomical structures during craniotomy exposure.

EDUCATIONAL OBJECTIVES:
- Identify the major indifferent arteries and drainage veins
- Identify the significant anatomy of the cerebral cortex and the anatomical hierarchy of the cranial nerves
- Identify the anatomy of the cerebral cortex, brain stem and cranial nerves and the basal ganglia
- Identify significant anatomical structures associated with the Ventriculostomy system and review the intra-cranial compartments, separating the dura from the skull
- Discuss the flow of CSF throughout the brain and discuss various causes of obstruction. Discuss 2 herniation syndromes
- Identify findings during physical examinations of neurological patients
- Acquire critical care patient within Neuro-Parameters.
- Discuss the cranial anatomy and perform 2 different approaches to the intracranial compartment. Identify significant anatomical structures during craniotomy exposure.
- Identify CNS lesions on CT and MRI scans

ACCREDITATION/CREDITS:
Saint Louis University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit Designation: Saint Louis University School of Medicine designates this activity for a maximum of 5.5 AMA PRA Category 1 Credits(TM). Physicians should only claim credit commensurate with the extent of their participation in the activity.

Course Director
Anne Gildehausen, MSN, APRN, CRNP, CPNP-AC
Pediatric Neurosurgeons
SSM Cardinal Glennon Children’s Hospital
St. Louis, MO
Daniel L. O'Donoghue, PA-C, PhD
Professor
Department of Gastroenterology/Department of Family Medicine
University of Oklahoma, College of Medicine
Norman, OK
Dawn Weinstock, BSN, RN
NeuroIntensive Care Unit Nurse
St. Louis, MO

Thursday, May 16, 2019
7:30 AM - 4:30 PM

- CT/MRI Scan Interpretations: Correlation of CT/MRI with Brain Anatomy, Vascular Lesions & Tumors
- Questions and Answers
- Lecture and 3-D Demonstration: Cranial Vascular System
- Questions and Answers
- Neuroanatomy Review with Endovascular Updates
- 3-D Demonstration: Anatomy of the Ventricular System and CSF Pathway Mass Lesions/Herniation Syndromes
- Hands-On Cadaver Lab: Cranial Vascular System
- NeuroPharmacology Updates
- Questions and Answers

REGISTRATION:
For further details and registration, click on the link below:
http://slu.edu/medicine/pase
This workshop will be held at the PASE Learning Center located in Young Hall, 3839 Lindell Boulevard, Saint Louis, MO 63108
TUITION FEES: $495

The education the participant gains through our CME activities does not satisfy training requirements to perform the surgery.
This program is designed to provide exposure to many aspects of care of the neurosurgical patient. The participants will have the opportunity to increase their knowledge base regarding radiology results, craniotomy techniques and educational approaches, intra-cranial trauma, patient assessment and teaching tools and future technology for caring for the neurosurgical patient. They will become more comfortable in the operating room with the surgeon as well as teaching and assessing patients in the clinical setting.

EDUCATIONAL OBJECTIVES:
- Identify major abnormal arteries and drainage veins
- Identify the significant anatomy of the cerebral cortex and the anatomical hierarchy of the cranial nerves
- Identify the anatomy of the cerebral cortex, brain stem and cranial nerves and the basal ganglia
- Identify significant anatomical structures associated with the Ventriculostomy system and review the intra-cranial compartments, separating the dura from the skull
- Discuss the flow of CSF throughout the brain and discuss various causes of obstruction. Discuss 2 herniation syndromes
- Interpret findings during physical examinations of neurological patients
- Acquire critical care patient within Neuro-Parameters.
- Discuss the cranial anatomy and perform 2 different approaches to the intracranial compartment. Identify significant anatomical structures during craniotomy exposure.
- Identify CNS lesions on CT and MRI scans

ACCREDITATION/CREDITS:
Saint Louis University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit Designation: Saint Louis University School of Medicine designates this activity for a maximum of 5.5 AMA PRA Category 1 Credits(TM). Physicians should only claim credit commensurate with the extent of their participation in the activity.

Course Director
Anne Gildehausen, MSN, APRN, CRNP, CPNP-AC
Pediatric Neurosurgeons
SSM Cardinal Glennon Children’s Hospital
St. Louis, MO
Daniel L. O'Donoghue, PA-C, PhD
Professor
Department of Gastroenterology/Department of Family Medicine
University of Oklahoma, College of Medicine
Norman, OK
Dawn Weinstock, BSN, RN
NeuroIntensive Care Unit Nurse
St. Louis, MO

Distinguished Faculty
Richard Bucholz, MD
Professor and Vice Chair -Department of Neurosurgery
Saint Louis University School of Medicine
St. Louis, MO
Michael Chicoine, MD
August A. Busch, Jr. Professor of Neurological Surgery
Washington University School of Medicine
St. Louis, MO
Greg Czech, MD
Chairman, Department of Radiology
Des Peres Hospital
Radiologist, Excel Imaging
St. Louis, MO
Jerome Cappers, MD
Associate Professor
Department of Neurosurgery
Saint Louis University School of Medicine
St. Louis, MO
Daniel T. Daly, DC, PhD
Professor
Saint Louis University School of Medicine
Washington University School of Medicine
St. Louis, MO

Faculty subject to change, for updates, please go to:
http://slu.edu/medicine/pase