Neurosurgery 2013:
Improving Neurosurgical Care Through Research

Saturday, January 26, 2013
7:30 a.m. – 3:30 p.m.
McKnight Brain Institute
Visiting Research Scholar – Douglas S. Kondziolka, MD
Alumni Scholar – J. Richard Lister, MD, MBA
Class of 1980

Learning Objectives:
As a result of participation in this activity, participants will be able to:
1. Describe the latest research in neuroanatomy and neurosurgery
2. Discuss strategies for improving the quality of neurosurgical care
3. Discuss the interplay between brain function and creativity

Saturday, January 26, 2013

Neurosurgery 2013: Research Impact of University of Florida Neurosurgery

7:15-7:55 am  Breakfast

8:00-8:30 am  Welcome
William A. Friedman, MD
Chair, Department of Neurosurgery, University of Florida

1/7/2013
8:30-9:30 am  
*Raising Questions and Answering Them: How Radiosurgery Changed Neurosurgery and Radiation Oncology*  
Douglas S. Kondziolka, MD  
Visiting Research Scholar  
**Objectives:**  
1. Describe important areas of research that changed brain tumor management  
2. Discuss how clinical research broke down existing clinical care paradigms  
3. List valuable tools for clinical research conduct

9:30-10:15 am  
*With your head in the clouds and your feet on the ground...*  
J. Richard Lister, MD, MBA  
Alumni Scholar  
**Objectives:**  
1. Discuss the relationship of cerebral anatomy and physiology of creation  
2. Describe the creative process  
3. Discuss the role of creativity as applied to the scientific method and problem solving

10:15-10:30 am  
**Break**

10:30-10:45 am  
*Study of Clopidogrel Resistance in Patients Undergoing Neuro-endovascular Therapy*  
Jeffery Mai, MD, Endovascular Fellow

10:45-11:00 am  
*Advancement of the Mobility Protocol among Neurosurgical Floor Patients*  
Saravanan Karuppihia, MD, PGY 6

11:00-11:15 am  
*Reducing Readmissions in Neurosurgery Patients: Part II*  
J. Bridger Cox, MD, PGY 6

11:15-11:30 am  
*Developing an Algorithm for Programming Deep Brain Stimulation in Tourette’s Patients*  
Justin M. Sporrer, MD, PGY 6

11:30-11:45 am  
*Use of Intraoperative Monitoring in Cervical Decompression Surgery*  
Raul Vasquez-Castellanos, MD, PGY 5

12:00-1:00 pm  
**Lunch**

1:00-1:15 pm  
*Follow-up on a National Survey: Neurosurgery Resident Opinions on the 2011 ACGME Implemented Duty Hours*  
Kyle M. Fargen, MD, PGY 5
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>1:15-1:30 pm</td>
<td>The Cervical Spine Debate with Helmet Use: A review of the Level 1 Trauma Database</td>
<td>Kristopher G. Hooten, MD, PGY 4</td>
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<td>1:30-1:45 pm</td>
<td>Pain Control in Neurosurgery Patients</td>
<td>W. Lee Titsworth, MD, PhD, PGY 3</td>
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<td>1:45-2:00 pm</td>
<td>Evaluation of Fever in Elective Craniotomy Patients</td>
<td>Kristin Weaver, MD, PhD, PGY 3</td>
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<td>2:00-2:15 pm</td>
<td>Stereotactic Guided Placement of Ventricular Shunts: UF Experience</td>
<td>Kelvin S. Wilson, MD, PGY 3</td>
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<td>2:15-2:30 pm</td>
<td>Calcineurin Controls L-type Calcium Channel Inactivation and Regulation of Neuronal Gene Expression</td>
<td>Seth F. Oliveria, MD, PhD, PGY 3</td>
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<td>2:30-2:45 pm</td>
<td>Role of Primary Payer Status on Transfer Rate for Stroke Patients using the NIS Database 1988-2010</td>
<td>Mishti Chakraborty, MD, PGY 2</td>
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<td>2:45-3:00 pm</td>
<td>The Utility of Blood Cultures in Post-operative Neurosurgery Patients</td>
<td>Cory Hartman, MD, PGY 2</td>
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<td>3:00-3:15 pm</td>
<td>Intervention Outcomes for IV and/or IA Thrombolysis Based on Patient Age in Ischemic Stroke</td>
<td>Jerzy Rokicki, MD, PhD, PGY 2</td>
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<td>3:15-3:30 pm</td>
<td>Closure</td>
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<td>Announcement of Resident Research Award</td>
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