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NSA



Neurosurgical Society
of Alabama

News & Notes

Advancing interest in neurological surgery and allied subjects

WWW.NSANEUROSURGEONS.COM

Join us for NSA's Conference July 20-22, 2018 • Hilton Sandestin

We are excited about our upcoming conference and the stellar line up of speakers. The conference will begin on Friday night with a welcome reception. Breakfast and registration will begin at 7 a.m. on Saturday. See the complete schedule and registration form on pages 4 - 6.

2018 Conference Faculty



NSA's Honored Guest Speaker for 2018 is **Stephen Cook, PhD**, founder, executive director and chief scientist of the Fellowship of Orthopaedic Researchers. He has adjunct professorships in the departments of Orthopaedic Surgery and Oral & Maxillofacial Surgery at the Louisiana State University Health Sciences Center in New Orleans. He is the former Lee C. Schlesinger Professor in Orthopaedics and director of research in the Department of Orthopaedic Surgery at the Tulane University School of Medicine, where he was on the faculty for more than 25 years.

Dr. Cook is a widely published author and has lectured nationally and internationally on his orthopaedic studies. His laboratories have been awarded more than \$50 million in funded research including those from the National Institutes for Health and Veterans Administration.



Chad Washington, MD, is an assistant professor of neurosurgery subspecializing in cerebrovascular disease at the University of Mississippi Medical Center in Jackson, Miss.

After receiving a bachelor's degree in mathematics and computer science from Millsaps College in 2001, he obtained a master's degree in biomedical engineering at Vanderbilt University. He then earned his medical degree at UMMC in 2007. He also completed an MPHS at Washington University in St. Louis in 2012.

He is a published author and presenter at scientific meetings nationwide.

Continued on page 2



2018 Conference Vendors

**NSA is excited to
announce a
SOLD OUT exhibit hall
for our 2018
conference.**

**NSA thanks to the following
companies
for their support!**

- Adamas Pharmaceuticals
- Arbor Pharmaceuticals
- Baxter Advanced Surgery
- Carl Zeiss Meditec/Neuro-Tec
- Codman Specialty Surgical
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- Medtronic Brain Division
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- NuVasive
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- OSSDSIGN
- OsteoMed, LLC
- Pacira Pharmaceuticals, Inc.
- PMT Corporation
- Precision Spine, Inc.
- SI-BONE, Inc.
- Stryker

NSA 2018 Conference continued



John Amburgy, MD, is a resident in the Department of Neurosurgery at the University of Alabama - Birmingham. He developed a strong interest in the neurosciences after a family member become one of the first people in the Tampa Bay area to undergo stereotactic radiosurgery for metastatic brain tumors.

After working for Pfizer Pharmaceuticals for several years, he attended the Medical College of Georgia. His research interests consist of traumatic brain injuries (including those from playing sports), helmet design, pediatric neurosurgery, neurological tumors, Gamma Knife and functional neurosurgery.



Winfield Fisher III, MD, has been the Griff Harsh Endowed Chair of Neurosurgery at the University of Alabama - Birmingham since 2009. While at UAB he has spent the majority of his time developing a nationally recognized neurovascular service that includes a state-of-the-art neurosurgical unit, and active participation in intensive care and gamma

knife therapy. He joined the staff at UAB after his retirement as captain in the United States Naval Medical Corps.

Dr. Fisher is a past president of the Southern Neurosurgery Society and Alabama Neurosurgical Society. His areas of expertise include: neurovascular diseases of the brain, carotid artery disease, skull base surgery for complex intracranial tumors, peripheral nerves surgery, trigeminal neuralgia and hydrocephalus.



Curtis J. Rozzelle, MD, is an associate professor in the Department of Neurosurgery at the University of Alabama - Birmingham/Children's Hospital of Alabama.

After serving as an artillery officer in the U.S. Army in Germany, he received his medical degree from the Bowman Gray School of Medicine at Wake Forest University and then

completed residency in neurosurgery at UAB School of Medicine. Dr. Rozzelle went on to complete fellowships in pediatric neurosurgery at the University of Texas-Southwestern Medical Branch, in Dallas, and epilepsy surgery at the University of South Florida College of Medicine in Tampa.

Dr. Rozzelle's clinical practice embraces all aspects of pediatric neurological surgery, including neurosurgical oncology, trauma, critical care and vascular neurosurgery. Dr. Rozzelle's special interests include complex spinal disorders, epilepsy surgery, craniofacial surgery, hydrocephalus, and surgical site infection prevention



William R. Stetler Jr., MD, is an assistant professor in the Department of Neurosurgery at the University of Alabama - Birmingham.

He received his medical degree from UAB School of Medicine graduating at the top of his class with AOA honors. Following medical school, Dr. Stetler completed a neurosurgery internship and residency at the University

of Michigan where he was able to complete an endovascular fellowship mentored by Drs. Greg Thompson and Aditya Pandey, as well as Drs. Joseph Gemmete and Neeraj Chaudhary. He continued his training with another endovascular fellowship at the University of Florida. During this fellowship, Dr. Stetler was able to perform more than 700 endovascular procedures, as well as numerous microsurgical procedures to refine his technical skills and hone his clinical acumen.

He currently is building his practice in general neurosurgery with a focus on cerebrovascular and endovascular neurosurgery to complement his extensive endovascular training.



Barton L. Guthrie, MD, is a professor in the Department of Neurosurgery and director of Computer-Assisted Neurosurgery (CANS) at the University of Alabama - Birmingham. He received a medical degree from the University of Alabama at Birmingham then pursued post-doctoral studies in the Department of Physiology and Biophysics, at UAB. Subsequently, he trained in neurosurgery at the Mayo Clinic, followed by a fellowship at Stanford University.

Dr. Guthrie holds several patents for technology related to image-guided surgery, and was co-founder of Emageon, a now publicly traded company on NASDAQ. His original work with Emageon pioneered the era of medical image viewing on the standard desktop computer. This work now resides in a permanent collection at the Smithsonian Museum of American History in Washington D.C.

Dr. Guthrie has numerous research interests, and directs several clinical investigation protocols, including the optimization of Deep Brain Stimulation (DBS) for Parkinson's disease and other movement disorders. He specializes in the treatment of movement disorders, surgery and radiosurgery of brain tumors, in addition to general neurosurgery practice.



James M. Johnston, MD, is an associate professor in the Department of Neurosurgery at the University of Alabama - Birmingham.

He received his medical degree from Washington University School of Medicine in Saint Louis and completed neurosurgery residency in the Washington University Department of Neurosurgery. He pursued post-doctoral training in functional and diffusion tensor MR imaging at the Mallinckrodt Institute of Radiology Neuro-Imaging Laboratories. During this time, he also served as neurosurgical registrar at the National Referral Centre for Neurosurgery, Beaumont Hospital in Dublin, Ireland. Dr. Johnston was then named Chief Resident in Neurosurgery at Barnes Hospital from 2008-2009 and went on to complete fellowship training in pediatric neurosurgery at Saint Louis Children's Hospital in 2010.

Thank you for your membership in NSA!

Jeffrey P. Blount, MD, UAB Department of Neurosurgery, Section of Pediatric Neurosurgery, Birmingham

Robert H. Bradley, MD, Neurosurgery Associates of Central Alabama, Montgomery

R. Cem Cezayirli, MD, Haynes Neurosurgery Group, Birmingham

M.R. Chambers, DVM, MD, UAB Department of Neurosurgery, Birmingham

Shawn B. Clark, MD, Clark & Hirsh Neurology & Spine PC, Mobile

W. Brenton Faircloth, MD, Coastal Neurosurgical Institute, PC, Mobile

Winfield S. Fisher III, MD, UAB Department of Neurosurgery, Birmingham

Bryan S. Givhan, MD, West Alabama Neurosurgery and Spine, Tuscaloosa

Mark N. Hadley, MD, UAB Department of Neurosurgery, Birmingham

Carter S. Harsh, MD, Neurosurgical Associates, P.C., Birmingham

James R. Hirsch, MD, Clark & Hirsh Neurology & Spine PC, Mobile

Zenko Hryniw, MD, Grandview Neurosurgery, Birmingham

Robert J. Johnson Jr., MD, Haynes Neurosurgery Group, Birmingham

James Johnston, MD, UAB Department of Neurosurgery, Section of Pediatric Neurosurgery, Birmingham

F. Donovan Kendrick, MD, Neurosurgery Associates of Central Alabama, Montgomery

James M. Markert, MD, UAB Department of Neurosurgery, Birmingham

Rick L. McKenzie, MD, West Alabama Neurosurgery and Spine, Tuscaloosa

Troy H. Middleton III, MD, Coastal Neurosurgical Institute, PC, Mobile

Rhett B. Murray, MD, The Spine and Neurosurgery Center, Huntsville

W. Jerry Oakes, MD, UAB Department of Neurosurgery, Section of Pediatric Neurosurgery, Birmingham

Sean O'Malley, MD, The Brain and Spine Center, PC, Alabaster

Joel D. Pickett, MD, HH Spine & Neuro, Huntsville

Patrick R. Pritchard, MD, UAB Department of Neurosurgery, Birmingham

Kristen O. Riley, MD, UAB Department of Neurosurgery, Birmingham

Curtis J. Rozzelle, MD, UAB Department of Neurosurgery, Section of Pediatric Neurosurgery, Birmingham

Patrick G. Ryan, MD, Montgomery Neurosurgical Associates, Montgomery

Thomas A. Staner, MD, Birmingham

Cheng W. Tao, MD, HH Spine & Neuro, Huntsville

Donnie R. Tyler, MD, Coastal Neurosurgical Institute, PC, Mobile

Nicholas Voss, MD, Dothan Neuro-Spine-Pain, Dothan

Thomas Randolph Whisenhunt Jr., MD, Montgomery Neurosurgical Associates, Montgomery

James G. White III, MD, Northeast Alabama Neurological Services, Gadsden

D. Bruce Woodham, MD, Dothan Neuro-Spine-Pain, Dothan

NSA welcomes Meghan Martin



We are happy to introduce Meghan Martin as our new director. She is responsible for the overall management of NSA, including membership

recruitment and retention, and meeting planning. She comes to us from the Renaissance Montgomery Hotel and Spa where she specialized in sales and event management.

Meghan received a bachelor's degree in broadcast journalism and public relations from Troy University. Her experience will be a welcomed asset to our association. She is filling the position left by Jennifer Hayes who resigned in January.

If you have not renewed your dues for 2018 or would like to join NSA, download a dues form at www.nsaneurosurgeons.com/members.

To arrange group billing for your practice, contact Meghan Martin at mmartin@alamedical.org or call (334) 954-2513.

NSA News & Notes

Neurosurgical Society of Alabama

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W. Brent Faircloth, MD, Publisher
Charlotte H. Morris, Senior Editor

The neurosurgical society of Alabama is organized to advance the interest in neurological surgery and allied subjects and to act as a representative for its members at the discretion of the membership.

The articles contained in NSA News & Notes are meant to provoke thought and comment and do not necessarily reflect the views and opinions of the members, Executive Council or staff of the Neurosurgical Society of Alabama. Comments and letters to the editor are welcome Send to cmorris@alamedical.org.

Neurosurgical Society of Alabama

2018 Annual Conference • July 20-22 • Hilton Sandestin



AGENDA

FRIDAY, JULY 20

7:00 p.m. – 8:30 p.m.
Welcome Reception

SATURDAY, JULY 21

7:00 a.m. – 8:00 a.m.
Registration/Breakfast with Exhibitors

8:00 a.m. – 8:15 a.m.
Welcome

8:15 a.m. – 9:15 a.m.
Honored Guest Talk: Magnet Applications in Medicine and Spine
Stephen Cook, PhD, Director, Fellowship of Orthopaedic Researchers

9:15 a.m. – 9:45 a.m.
Cerebral Vasospasm: Current and Emerging Therapies
Chad Washington, MD, Assistant Professor of Neurosurgery, University of Mississippi

9:45 a.m. – 10:15 a.m.
Morning Break with Exhibitors

10:15 a.m. – 10:45 a.m.
Interim Analysis of a Longitudinal Study on Diffusion Tensor Imaging and Tractography in Collegiate Football Athletes and its Association with Mild Traumatic Brain Injury
John Amburgy, MD, Resident Physician, Department of Neurosurgery, University of Alabama - Birmingham

10:45 a.m. – 11:15 a.m.
Management of Acoustic Nerve Tumors
Winfield S. Fisher III, MD, Griffith Harsh Endowed Professor of Neurosurgery, University of Alabama - Birmingham

11:15 a.m. – 11:45 a.m.
Update from the Hydrocephalus Clinical Research Network
Curtis J. Rozzelle, MD, Associate Professor, Department of Neurosurgery, University of Alabama - Birmingham

AGENDA CONTINUED ON PAGE 2

Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Medical Association of the State of Alabama through the joint providership of the Medical Foundation of Alabama and the Neurosurgical Society of Alabama. The Medical Foundation of Alabama is accredited by the Medical Association of the State of Alabama to provide continuing medical education for physicians.

Designation Statement

The Medical Foundation of Alabama designates this live activity for a maximum of 5.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

HONORED GUEST SPEAKER: STEPHEN COOK, PHD



Stephen Cook, PhD, is the founder, executive director and chief scientist of the Fellowship of Orthopaedic Researchers. He has adjunct professorships in the departments of Orthopaedic Surgery and Oral & Maxillofacial Surgery at the Louisiana State University Health Sciences Center in New Orleans.

Dr. Cook has published more than 200 articles and has lectured nationally and internationally on his orthopaedic studies. He is the recipient of a number of research awards and recognitions, and his laboratories have been awarded more than \$50 million in funded research.

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AGENDA, CONT.

11:45 a.m. – 12:00 p.m.

Business Session

6:30 p.m.

Cocktails followed by dinner

SUNDAY, JULY 22

7:00 a.m. – 8:00 a.m.

Registration/Breakfast with Exhibitors

8:00 a.m. – 9:00 a.m.

Honored Guest Talk: Magnet Applications in Medicine and Spine

Stephen Cook, PhD, Director, Fellowship of Orthopaedic Researchers

9:00 a.m. – 9:30 a.m.

Update on Endovascular Treatment of Stroke

William R. Stetler Jr., MD, Associate Professor, Department of Neurosurgery, University of Alabama - Birmingham

9:30 a.m. – 10:00 a.m.

Morning Break with Exhibitors

10:00 a.m. – 10:30 a.m.

The Cost of Avoidable Neurosurgical Transfers

Bart Guthrie, MD, Professor, Department of Neurosurgery, University of Alabama - Birmingham

10:30 a.m. – 11:00 a.m.

Stereotactic Placement of Intratumoral Catheters for Convection Enhanced Delivery of HSV G207 in Pediatric Supratentorial Malignant Brain Tumors

James M. Johnston Jr., MD, Associate Professor, Department of Neurosurgery, University of Alabama - Birmingham

11:00 a.m.

Evaluation and Adjourn

LEARNING OBJECTIVES

- Identify recent advances in the endovascular treatment of strokes.
- Evaluate effective management of acoustic nerve tumors.
- Compare concussive and non-concussive collegiate helmeted impacts.
- Describe current and emerging therapies in cerebral vasospasms.
- Review updates from the hydrocephalus clinical research network.
- Assess stereotactic placement of intratumoral catheters for convection enhanced delivery of HSV G207 in pediatrics.
- Review magnet applications in medicine and spine.
- State the cost of avoidable neurosurgical transfers.

ACCOMMODATIONS

Rooms at the Hilton Sandestin begin at \$325 per night. Rate applies for two days before and two days after our meeting based on availability. Call (850) 267-9500 with room block code NSA. Room block closes June 20.

REGISTRATION

Print a registration form from the NSA website at www.nsaneurosurgeons.com/Conference.





Neurosurgical Society
of Alabama

2018
STATEMENT

ONE STATEMENT PER MEMBER, PLEASE.

SELECT A DUES CATEGORY:

Active Member \$250

_____ Total enclosed

Contact Information for Member...

Please take a moment to provide us with your contact information if different than what is listed above.

Please print legibly.

Name of Member _____

Name of Spouse _____

Address _____

City, State and Zip _____

Phone Number (____) _____

Fax Number (____) _____

E-mail Address _____

- Make checks payable to Neurosurgical Society of Alabama (NSA)
- Payment due upon receipt.
- Mail payment and updated contact information to:
NSA | c/o Megan Martin | PO Box 1900 | Montgomery, AL 36102
- Make plans to attend NSA's 2018 Annual Conference | July 20-22 | Sandestin, Fla. | Hilton Sandestin

THANK YOU FOR YOUR MEMBERSHIP!

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