69th
SOUTHERN
NEUROSURGICAL
SOCIETY
ANNUAL MEETING

Patient Care: In Pursuit of Excellence

FEBRUARY 28–MARCH 3, 2018
The Ritz-Carlton | San Juan, Puerto Rico

FEATURING:
Nelson M. O’yesiku, MD, PhD
as the Hudson Lecturer
Allan H. Friedman, MD
as the Semmes Lecturer
Robert E. Wharen, Jr., MD
as the Distinguished Practitioner
Dear Colleague:

TRACY AND I ARE THRILLED TO INVITE YOU TO THE 69th Southern Neurosurgical Society Annual Meeting, which will be held February 28–March 3, 2018 at The Ritz-Carlton, San Juan, Puerto Rico. Our past meetings in Puerto Rico have been our highest attended ever, and for good reason! Our 2018 meeting promises an in-depth and exciting program, a wonderfully relaxing environment for the whole family, and memorable social activities.

Dr. Cory Adamson has created a relevant and practical scientific program with carefully structured sessions on Spine, Tumors, Vascular, Functional, Pediatric, and Trauma/Military. We’ve added more abstracts to provide brief, applicable research updates, with additional discussion time for questions and debates from the floor.

We are honored to have Allan H. Friedman, MD, as the R. Eustace Semmes Lecturer and Nelson O’yesiku, MD, as the William Henry Hudson Lecturer. We are also pleased to honor Robert E. Wharen, Jr., MD as our Distinguished Practitioner.

This preliminary program is your guide to all the course details, including submitting abstracts, completing your registration, booking your stay at The Ritz-Carlton, and planning your visit. We always advise that you book your hotel rooms early, particularly if you plan an extended stay. San Juan and The Ritz-Carlton offer a multitude of leisure activities for your free time.

Don’t wait; make your plans today. See you in February!

Sincerely,

Eric W. Nottmeier, MD, SNS President

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SUBMIT YOUR ABSTRACT BY NOVEMBER 13, 2017
southernneurosurgery.org

REGISTER BY JANUARY 31, 2018
regonline.com/SNS2018
Attendees at the 69th Southern Neurosurgical Society Annual Meeting are invited to submit abstracts for presentation during the course. We encourage you to submit abstracts relating to current and emerging techniques and technology, evidence-based approaches to neurosurgical practice, and basic science studies relevant to neurosurgery.

**ABSTRACT & CASE CATEGORIES**

- Functional
- Military, Veteran, or Global Neurosurgery (New Category for 2018!)
- Pediatric
- Peripheral Nerve
- Spine
- Trauma
- Tumor
- Vascular

To submit your abstract and review submission guidelines, visit [www.southernneurosurgery.org](http://www.southernneurosurgery.org)

**KEY DATES**

- **November 13, 2017** (11:59 pm Eastern Standard Time) - Abstract submission deadline.
- **December 13, 2017** - E-mail notification sent of acceptance or rejection for all abstracts.
- **January 8, 2018** - Presenters must confirm plans to attend course (and register), or identify an alternative presenting author.

**LEARNING OBJECTIVES**

1. Describe current best practices in treating functional neurosurgical conditions
2. Describe current best practices in treating brain tumors
3. Describe current best practices in spine surgery
4. Describe current best practices in vascular neurosurgery
5. Describe neurosurgical care in active military staff and veterans

**Accreditation & Designation**

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the AANS and Southern Neurosurgical Society (SNS). The AANS is accredited by the ACCME to provide continuing medical education for physicians. The AANS designates this live activity for a maximum of 12.0 AMA PRA Category 1 Credit(s)™. Each physician should claim only the credit commensurate with the extent of their participation in the activity.

**Disclaimer**

The material presented at the Southern Neurosurgical Society (SNS) Annual Meeting has been made available by the SNS and the AANS for educational purposes only. The material is not intended to represent the only, nor necessarily the best, method or procedure appropriate for the medical situations discussed, but rather it is intended to present an approach, view, statement, or opinion of the faculty, which may be helpful to others who face similar situations. Neither the content (whether written or oral) of any course, seminar or other presentation in the program, nor the use of a specific product in conjunction therewith, nor the exhibition of any materials by any parties coincident with the program, should be construed as indicating endorsement or approval of the views presented, the products used, or the materials exhibited by the SNS and jointly provided by the AANS, or its Committees, Commissions, or Affiliates. Neither the AANS nor the SNS makes any statements, representations or warranties (whether written or oral) regarding the Food and Drug Administration (FDA) status of any product used or referred to in conjunction with any course, seminar or other presentation being made available as part of 69th Southern Neurosurgical Society Annual Meeting. Faculty members shall have sole responsibility to inform attendees of the FDA status of each product that is used in conjunction with any course, seminar or presentation and whether such use of the product is in compliance with FDA regulations.

**Intended Audience**

This program is intended for physicians, residents, fellows, and allied health professionals who include neurosurgery in their practices.

**Method of Instruction**

This will be a live presentation with oral presentations and interactive discussions.
### Program Schedule

#### HIGHLIGHTS THIS YEAR
- 6 themed scientific sessions
- Over 20 honored guests and invited lecturers
- 60 oral abstracts with more rapid fire
- Discussion time after lectures and ample time with exhibitors
- Two concurrent non-CME workshops: spine and cranial

#### Wednesday, February 28

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>1:00–5:00 PM</td>
<td>Meeting Registration</td>
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<tr>
<td>2:00–4:00 PM</td>
<td>Executive Committee Meeting</td>
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#### Thursday, March 1

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 AM–1:00 PM</td>
<td>Meeting Registration</td>
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<tr>
<td>7:00–7:30 AM</td>
<td>Breakfast with Exhibitors</td>
</tr>
</tbody>
</table>

#### SCIENTIFIC SESSION I—SPINE: PART 1
Moderators: M. Gary, MD & P. Grossi, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>7:30–7:35 AM</td>
<td>Opening Remarks</td>
</tr>
<tr>
<td>7:35–7:50 AM</td>
<td>Risk Stratification and Artificial Intelligence in Spinal Surgery: Dawn of a New Age</td>
</tr>
<tr>
<td>7:50–8:05 AM</td>
<td>Options and Rationale for Radiation Reduction</td>
</tr>
<tr>
<td>8:05–8:15 AM</td>
<td>Discussion</td>
</tr>
<tr>
<td>8:15–8:21 AM</td>
<td>Abstract—Award Winner #1</td>
</tr>
<tr>
<td>8:21–9:10 AM</td>
<td>Abstracts and Discussion</td>
</tr>
<tr>
<td>9:10–9:15 AM</td>
<td>Introduction to Ned Downing Lecture</td>
</tr>
<tr>
<td>9:15–9:45 AM</td>
<td>Ned Downing Lecture</td>
</tr>
<tr>
<td>9:45–10:15 AM</td>
<td>Break with Exhibitors</td>
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</table>

#### SCIENTIFIC SESSION II—CRANIAL: TUMORS
Moderator: V. Agarwal, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>10:15–10:30 AM</td>
<td>Brain Surgery: from Peru to Egypt and back to the Mayo Clinic</td>
</tr>
<tr>
<td>10:30–10:45 AM</td>
<td>CNS Tumor Immune Responses and their Influence on Immunotherapy Strategies</td>
</tr>
<tr>
<td>10:45–10:55 AM</td>
<td>Discussion</td>
</tr>
<tr>
<td>10:55–11:01 AM</td>
<td>Abstract—Award Winner #2</td>
</tr>
<tr>
<td>11:01–11:50 AM</td>
<td>Abstracts &amp; Discussion</td>
</tr>
<tr>
<td>11:50–11:55 AM</td>
<td>Introduction to Semmes Lecture</td>
</tr>
<tr>
<td>11:55 AM–12:25 PM</td>
<td>Semmes Lecture: The Odyssey</td>
</tr>
<tr>
<td>5:30–7:00 PM</td>
<td>Welcome Reception</td>
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</table>

#### Friday, March 2

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 AM–1:00 PM</td>
<td>Meeting Registration</td>
</tr>
<tr>
<td>7:00–7:30 AM</td>
<td>Breakfast with Exhibitors</td>
</tr>
</tbody>
</table>

#### SCIENTIFIC SESSION III—SPINE: PART 2
Moderators: C. Holland, MD & I. Karikari, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>7:30–7:35 AM</td>
<td>Opening Remarks</td>
</tr>
<tr>
<td>7:35–7:50 AM</td>
<td>Lecture 1</td>
</tr>
<tr>
<td>7:50–8:05 AM</td>
<td>The Pedicle Screw, the Good, The Bad, and the Ugly</td>
</tr>
<tr>
<td>8:05–8:15 AM</td>
<td>Discussion</td>
</tr>
</tbody>
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Continued on next page
### Friday, March 2 continued

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:15–8:21 AM</td>
<td>Abstract—Award Winner #3</td>
</tr>
<tr>
<td>8:21–9:10 AM</td>
<td>Abstracts and Discussion</td>
</tr>
<tr>
<td>9:10–9:15 AM</td>
<td>Introduction of the Presidential Address</td>
</tr>
</tbody>
</table>
| 9:15–9:45 AM    | Presidential Address  
Eric Nottmeier, MD |
| 9:45–10:15 AM   | Break with Exhibitors                                  |

### SCIENTIFIC SESSION IV—CRANIAL: VASCULAR  
Moderator: J. Grossberg, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
</table>
| 10:15–10:30 AM  | Lecture 1  
Carlos David, MD |
| 10:30–10:45 AM  | Lecture 2  
Ricardo Hanel, MD, PhD |
| 10:45–10:55 AM  | Debate                                                  |
| 10:55–11:01 AM  | Abstract—Award Winner #4                               |
| 11:01–11:41 AM  | Abstracts and Discussion                                |
| 11:41–11:46 AM  | Introduction of Hudson Lecture                          |
| 11:46 AM–12:16 PM| Hudson Lecture—The British Empire: Ascent, Majesty, Retreat, and Legacy  
Nelson M. O'yesiku, MD, PhD |
| 12:16–12:30 PM  | Update on NREF                                          |
| 1:00–2:30 PM    | Concurrent Non-CME Workshops with Lunch:  
Spine & Emerging Techniques in Cranial Surgery |
| 6:00–9:30 PM    | Family Night                                            |

### Saturday, March 3

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00–1:00 PM</td>
<td>Meeting Registration</td>
</tr>
<tr>
<td>7:00–7:30 AM</td>
<td>Breakfast with Exhibitors</td>
</tr>
</tbody>
</table>

### SCIENTIFIC SESSION V—FUNCTIONAL/PEDIATRIC  
Moderators: E. Thompson, MD & J. Willie, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>7:30–7:35 AM</td>
<td>Opening Remarks</td>
</tr>
<tr>
<td>7:35–7:50 AM</td>
<td>Adult Chiari Surgery: Principles and Avoiding Failure</td>
</tr>
<tr>
<td>7:50–8:05 AM</td>
<td>Lecture 2</td>
</tr>
<tr>
<td>8:05–8:20 AM</td>
<td>Robotics in Spine Surgery</td>
</tr>
<tr>
<td>8:20–8:30 AM</td>
<td>Discussion</td>
</tr>
<tr>
<td>8:30–9:25 AM</td>
<td>Abstracts and Discussion</td>
</tr>
<tr>
<td>9:25–9:30 AM</td>
<td>Introduction of Distinguished Practitioner</td>
</tr>
</tbody>
</table>
| 9:30–10:00 AM   | Distinguished Practitioner Lecture—A Journey Through Time:  
35 Years of Functional Neurosurgery  
Robert E. Wharen, Jr., MD |
| 10:00–10:25 AM  | Break with Exhibitors                                    |

### SCIENTIFIC SESSION VI—TRAUMA/OTHER  
Moderators: W. Gump, MD & C. Rongsheng, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
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</table>
| 10:25–10:40 AM  | Military Neurosurgery—What Have We Learned After Almost 15 Years of War?  
Christopher Neal, MD |
| 10:40–10:55 AM  | Military Neurosurgery—Providing Care After the Wars     |
| 10:55–11:05 AM  | Discussion                                              |
| 11:05 AM–12:00 PM| Abstracts and Discussion                                 |
| 12:00–12:15 PM  | Washington Update                                       |
| 12:15–12:25 PM  | Business Meeting                                         |
| 12:25–12:30 PM  | Closing Remarks                                          |
| 6:30–10:00 PM   | Final Reception & Banquet                                |

*Hours and program subject to change.*
Social Events

WELCOME RECEPTION

**Thursday, March 1—5:30 pm–7:00 pm**
Vista Mar Terrace, The Ritz-Carlton, San Juan

Greet friends, family, and colleagues as you unwind and enjoy gentle sea breezes, live entertainment, and tasty hors d’oeuvres at this year’s Welcome Reception.

FAMILY NIGHT

**Friday, March 2—6:00–9:30 pm**
Hacienda Campo Rico

We’ll step back to turn-of-the-20th-century Puerto Rico at this open-air Caribbean plantation home with gorgeous views of the valley and El Yunque Rainforest. Family Night will enchant registered guests of all ages with a delicious dinner, lively music, pony rides, crab races, and inflatable games— but the mojitos are just for the adults!

Event Attire

**Scientific Program:** Business Casual

**Welcome Reception:** Resort Casual

_We recommend bringing a light jacket or sweater._

**Family Night:** Casual

_We recommend bringing a light jacket or sweater._

**Final Banquet:** Black Tie Optional

FINAL BANQUET

**Saturday, March 3—6:30–10:00 pm**
Vista Mar Terrace and Grand Ballroom,
The Ritz-Carlton, San Juan

*Black Tie Optional*

Please join us for a festive and elegant close to the 69th SNS Annual Meeting, including a cocktail reception, banquet, live music, and dancing. The Final Banquet is for attendees and their registered guests ages 18 and up.
Registration

Medical Attendee Registration
Includes admittance to meeting, program book and other materials, breakfast and coffee breaks on program days, Welcome Reception, Family Night, and the Final Banquet.

<table>
<thead>
<tr>
<th>Role</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>SNS Member Neurosurgeon</td>
<td>$600</td>
</tr>
<tr>
<td>Non-Member Neurosurgeon</td>
<td>$725</td>
</tr>
<tr>
<td>Resident/Fellow</td>
<td>$250</td>
</tr>
<tr>
<td>Nurse/PA/Allied Health</td>
<td>$425</td>
</tr>
</tbody>
</table>

Late Registration
Additional $50 fee applies for registrations received after January 31st and on-site.

Spouse/Guest Registration
Includes breakfast on program days, Welcome Reception and Family Night. Adult guest registration also includes the Final Banquet. Children under 18 are not permitted to attend the Final Banquet. Childcare arrangements for Saturday night will be available upon request.

<table>
<thead>
<tr>
<th>Role</th>
<th>Fee</th>
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</thead>
<tbody>
<tr>
<td>Adult Guest (Age 12-17)</td>
<td>$125</td>
</tr>
<tr>
<td>Child (Under 12)</td>
<td>$75</td>
</tr>
</tbody>
</table>

Cancellation Policy
Cancellations received on or before January 31, 2018 will receive a full refund less a $50 administrative fee. Cancellations received after January 31 will not be refunded. Send written cancellation request to Danielle DeLong at ddelong@broad-water.com.

Americans with Disabilities Act
The SNS wishes to take proactive steps to ensure that no individual with a disability is excluded, segregated, denied services, or otherwise treated differently as a result of the absence of auxiliary aids and services. If you require any of the aids or services identified in the Americans with Disabilities Act in order to attend any SNS program, please contact the SNS Meeting Planning Office at (630) 681-1040.

SNS Meeting Planning Office
C/o BroadWater
301 S. County Farm Road, Suite L
Wheaton, IL 60187
T: (630) 681-1040
F: (630) 682-5811
E: ddelong@broad-water.com
The Ritz-Carlton, San Juan

THE RITZ-CARLTON, SAN JUAN WELCOMES GUESTS in a timeless Caribbean setting perched on a two-mile stretch of golden sandy beach. Its location offers easy access to the airport, Old San Juan’s cultural attractions, and excursions to adventure, shopping, or nightlife.

ON-SITE RECREATION

**Beach and Pool**
Relax poolside with a view of the Atlantic, reserve a private pavilion or cabana, or walk directly out to the sun-kissed San Juan beach to enjoy the waves.

**Casino**
Featuring elegant décor, traditional table games, 266 slot machines, luxury bingo, and nightly live music at the lounge, The Casino at The Ritz-Carlton, San Juan promises that an exciting evening is never far away.

**Tennis**
Enjoy a game on two professional courts or attend a group or private lesson from internationally-recognized pro, Kamil Assad. You’ll love the fun atmosphere whether learning the basics or getting expert tips.

**Fitness**
The 24-hour fitness center offers cardio equipment and weights, personal trainer, group cycling, kickboxing, yoga, and more.

**Ritz Kids®**
Ritz Kids® is an engaging experience offering themed activities for children ages 4–12. Rotating interactive learning programs developed by Jean-Michel Cousteau’s Ocean Futures Society are supplemented with supervised swim, nature films, and crafts. Full-day, half-day, and Night Out options are available.

For more information, contact The Ritz-Carlton, San Juan at (787) 253-1700 or visit ritzcarlton.com/en/hotels/puerto-rico/san-juan.

**Spa**
The Ritz-Carlton Spa, San Juan pays homage to El Yunque rainforest and the shores of Puerto Rico in 11 treatment rooms, full-service salon, steam rooms, sauna, and whirlpool.
THE RITZ-CARLTON, SAN JUAN

The beauty of San Juan is reflected in luxury rooms that seamlessly blend thoughtful design and décor.

SNS Group Rates

<table>
<thead>
<tr>
<th>Room Type</th>
<th>Guest Room</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>City View</td>
<td>$349*</td>
<td>per night</td>
</tr>
<tr>
<td>Pool View</td>
<td>$399*</td>
<td>per night</td>
</tr>
<tr>
<td>Ocean View</td>
<td>$449*</td>
<td>per night</td>
</tr>
</tbody>
</table>

*plus tax and $50 per night discounted resort fee, other fees may apply (includes occupancy for up to 2 adults and 2 children)

Extended Stays

For extended stays and special room requests, contact Venus Andino at (787) 253-8009 or venus.andino@ritzcarlton.com. The SNS room block includes rooms on February 28–March 3. The group rate applies for three days before and three days after these peak nights, dependent on hotel availability. We recommend you book your extended stay as soon as possible to ensure availability.

Resort Amenities

- Sumptuous marble baths
- 400 thread count, 100% cotton Frette linens
- Goose down and non-allergenic foam pillows
- In-room coffee, tea, and bottled water
- Twice-daily housekeeping services including nightly turndown
- Overnight laundry service
- Complimentary overnight shoeshine
- 24-hour room service
- High-speed and wireless internet access
- 24-hour fitness center with daily classes
- Use of tennis courts
- Beach chairs, towels, and umbrellas
- Limited services at Business Center
- 10% Discount on Spa Services
- And More!

Cancellation

Hotel reservations cancelled within 30 days of arrival will be subject to a penalty of one nights’ room and tax.


Reserve Early!

We encourage you to make your hotel reservations early, as our housing block typically fills before the deadline. The Southern Neurosurgical Society has negotiated special rates at The Ritz-Carlton, San Juan for attendees of the meeting who make their reservation on or before January 24, 2018. Reservations after this date will be taken on a space-available basis only, at current prevailing rates.

RESERVATION INSTRUCTIONS
Visit southernneurosurgery.org to book online
Or Call (800) 241-3333 and tell them you are with the Southern Neurosurgical Society Annual Meeting
San Juan, Puerto Rico

Five centuries ago, San Juan was an impenetrable fortified city. Today, the capital of Puerto Rico captivates travelers from all over the world with its vibrant culture, old-world elegance, and tropical Caribbean allure. San Juan is one of the most unique and accessible places to travel under the US Flag.

Travel
San Juan Luis Muñoz Marín International Airport (SJU) is located approximately five minutes from The Ritz-Carlton, San Juan.

Ground Transportation
Attendees are invited to reserve private airport transportation through Castillo Tours. Sedan transfers are $95 and can be reserved via email to sales@castillotours.com. Taxis are also readily available at the airport. Enterprise rental cars are available on-site at The Ritz-Carlton. Contact The Ritz-Carlton concierge at (787) 253-1700 x4608 for details.

Weather
Average weather in San Juan in March is mostly sunny, with daily highs of 82°F and lows of 71°F.

DINING AT THE RITZ-CARLTON

Il Mulino New York
Dine on authentic Italian cuisine and local fish favorites at this island outpost of a classic. Exquisite seafood takes center stage every Wednesday on the seasonal Mare Night Family Style Menu. Dinner served Monday–Saturday.

Mares
From guava pancakes and specialty omelets to a quick coffee run, Mares is your morning destination. Sunday brunch features an array of delights, including bottomless mimosas or Bloody Marys. Breakfast served daily.

BLT Steak
Refined steakhouse dining with the coziness and style of a modern French bistro, plus a vibrant lounge with specialty cocktails. A curated prix-fixe menu is available every evening from 6–8 pm. Vegan, gluten-free, and dairy-free options also available. Dinner served nightly.

Lobby Lounge
Spanish, Taíno, and African cultures are reflected in the music, tapas-style cuisine, and, of course, rum. The newly-unveiled hangout also offers a creative sushi-raw bar every evening. Resort elegant attire requested. Open from 12 pm until at least 12 am nightly.

Ocean Bar and Grill
Flavorful meals and exotic cocktails with simple, elegant preparations offered al fresco beachside and poolside. Or, have lunch delivered right to your favorite spot on the beach. Lunch served daily.
Off-site Recreation

SNS GOLF TOURNAMENT

Thursday, March 1
1:00 pm

“Bahia Beach will be a haven of golf that will challenge and delight your soul and spirit.” Robert Trent Jones Jr., one of the world's pre-eminent golf course architects, designed the spectacular course at Bahia Beach. With impressive greens along the ocean, scenic lakes, undulating fairways and gentle ocean breezes, the course's breathtaking splendor is matched only by the world-class play it offers to golfers of all abilities. The course is certified as a Silver Signature Sanctuary by Audubon International.

Join fellow SNS golfers for friendly competition and prizes! Tournament registration includes transportation to the course, boxed lunch, green fees, shared cart, and prizes. Tournament pricing and registration information will be sent to registered meeting attendees in January.

THE MALL OF SAN JUAN

Just two miles from The Ritz-Carlton, The Mall of San Juan offers an elegant and inviting atmosphere to visit Kate Spade NY, CH Carolina Herrera, Gucci, Versace, Salvatore Ferragamo, and more. Contact The Ritz-Carlton concierge for a personalized shopping experience.

ADDITIONAL TOURS AND ACTIVITIES

Visit www.castillotours.com to book an unforgettable experience in Puerto Rico! Tour opportunities include:

Historical Old San Juan Tour
Visit one of the best-preserved Spanish colonial cities in the world and a National Historic Preservation site. Once the crown jewel of the Spanish Empire in the Americas, the walled city still preserves its stunning colonial architecture. Old San Juan is home to Castillo San Cristóbal, El Morro Fort, La Fortaleza, Paseo La Princesa, San Juan Bautista Cathedral, Museum of the Americas, Bahía Urbana, and more.

Barefoot IV Catamaran
Board the top-of-the-line catamaran “Barefoot IV” to enjoy a day full of sailing, exploring the white sand beaches of uninhabited Icacos Island, and snorkeling in crystal clear waters abundant with marine life, including a living coral reef. Includes a picnic lunch complete with piña coladas and rum punch.

El Yunque Rain Forest
The east of Puerto Rico offers the only subtropical rainforest in the United States Forest Service. With its waterfalls, hiking trails, and panoramic vistas, the forest system is a nature lover’s wonderland, and offers visitors a variety of activities ranging from a leisurely hike to swimming at the falls.

Light Tackle or Deep-Sea Fishing Charters
Board the Tarpon Legend and enjoy the mangroves, birds, and iguanas in the lagoons as you fish for tarpon and snook. Or, experience the ultimate in sport fishing in “Blue Marlin Alley” on a luxury cruiser—angling for mahi-mahi, wahoo, sailfish, yellowfin tuna, and yes, Blue Marlins.
69th SOUTHERN NEUROSURGICAL SOCIETY ANNUAL MEETING

Patient Care: In Pursuit of Excellence

FEBRUARY 28–MARCH 3, 2018
The Ritz-Carlton | San Juan, Puerto Rico

FEATURING:
Nelson M. O'yesiku, MD, PhD
as the Hudson Lecturer
Allan H. Friedman, MD
as the Semmes Lecturer
Robert E. Wharen, Jr., MD
as the Distinguished Practitioner

www.southernneurosurgery.org

Jointly Provided by the AANS