PRELIMINARY PROGRAM

65[™] Southern Neurosurgical Society ANNUAL MEETING

Modern Neurosurgery: Controversies and Challenges



FEBRUARY 19-22, 2014 | THE RITZ-CARLTON



Pat Doherty, MP as the Ned Downing Lecturer
H. Hunt Batjer, MD as the R. Eustace Semmes Lecturer
Dennis D. Spencer, MD as the William Henry Hudson Lecturer

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American Association of Neurological Surgeons

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Dear Colleagues,

Lynda and I are pleased to invite you to the 65th Annual Meeting of the Southern Neurosurgical Society, which will be held February 19–22, 2014 at The Ritz-Carlton in San Juan, Puerto Rico. We are excited to bring this meeting back to the tropical paradise of Puerto Rico—our last meeting there was one of our most memorable and well-attended. As always, we are planning an extensive and exciting scientific program, as well as plenty of time for connection with your colleagues and families.

Dr. Edward Duckworth has planned an interactive program with an emphasis on debates between thought leaders in various fields of neurosurgery. This format will explore some of the nuances, controversies, and challenges we face in treating our patients, and should provide practical tips and insight for your clinical practice. We are honored to have Pat Doherty, MP, as the Ned Downing Lecturer, Hunt Batjer, MD, as the R. Eustace Semmes Lecturer, and Dennis Spencer, MD, as the William Henry Hudson Lecturer in this year's program. We are also including two lunchtime workshops on the subjects of vascular surgery and cervical arthroplasty.

You and your guests will enjoy relaxing at The Ritz-Carlton, which features a swimming pool overlooking the beach, a full-service spa, and five exceptional restaurants. You'll be just a short drive or taxi ride away from the historic charm of Old San Juan. Our social program will include a Welcome Reception at The Ritz-Carlton and an off-site Family Night in Old San Juan at El Cuartel de Ballaja. Our optional group activities feature the annual golf tournament, walking tours of San Juan, and an array of hiking, kayaking and outdoor activities. Finally, please plan your stay to include the elegant closing banquet on Saturday night—an evening of fine dining and lively dancing, with a Puerto Rican flair.

We expect this year's hotel block to fill quickly, especially on "shoulder" nights before and after the course, so we encourage you to make your plans now to join us. See you in February!

Sincerely,

Fernando Vale, MD sns president

ABSTRACTS & CME

Learning Objectives

Upon completion of this educational activity, participants should be able to:

- Describe current best practices in treating brain and spine tumors.
- (2) Evaluate the pros and cons of the direct lateral approach vs. transforaminal approach for spinal fusion.
- ③ Discuss the indications for and various treatment modalities for intracranial hematomas.
- Summarize the use of mapping techniques for low-grade gliomas.
- (5) Analyze the ramifications of current healthcare and CPT changes on neurosurgical practice.

Call for Abstracts/Call for Cases

Attendees at the 65th Southern Neurosurgical Society Annual Meeting are invited to submit abstracts and/or cases for presentation during the course. We encourage you to submit abstracts relating to current and emerging techniques and technology.

Abstract & Case Categories:

- Functional
 Nerve
- Vascular

Pediatric

Other

Peripheral

Subrnission Deadline November 11, 2013 11:59 PM Eastern Standard Time

Spine

• Tumor

Visit **www.southernneurosurgery.org** to submit your abstract.

ACCREDITATION/DESIGNATION

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the AANS and the 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 13.5 *AMA PRA Category 1 Credits*TM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

DISCLOSURES

Before the program, anyone in control of the educational content of this activity will disclose the existence of any financial interest and/or the relationship they or their significant other have with the manufacturer(s) of any commercial product(s) to be discussed during their presentation. Disclosures will be included in the final program. The ACCME defines "relevant financial relationships" as financial relationships in any amount occurring within the past 12 months that create a conflict of interest. Any potential conflicts of interest will be reviewed to ensure the content is valid and aligned with the interest of the activity audience. Disclosures will be published in the meeting program/handouts. Prior to the start of the activity, all faculty members will disclose the existence of any financial interest and/or the relationship they or their significant others have with the manufacturer(s) of any commercial product(s) to be discussed during their presentation. Failure or refusal to disclose or the inability to satisfactorily resolve the identified conflict will result in the withdrawal of the invitation to participate in any AANS education activities.

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.

SCHEDULE OF EVENTS*

1:00-5:00 PM	Meeting Registration	
2:00-4:00 PM	SNS Executive Committee Meeting	
Thursday, Febru	ary 20, 2014	
7:00 AM-1:00 PM	Meeting Registration	
7:00-7:30 AM	Breakfast with Exhibitors	
7:30-7:40 AM	Opening Remarks	FERNANDO VALE, M
SCIENTIFIC SESSIO	DN I	和学生的 计算符 经通知的 经公司公司
7:40-8:10 AM	Debate I: Management of Intracranial Hematomas (ICH/IVH)	MOD: REID THOMPSON, M
	Best Medical Management vs Surgical Management	J MOCCO, MD, ROBERTO HEROS, M
8:10-8:30 AM	Spinal Cord Tumor Management	MARK SHAFFREY, M
8:30-8:50 AM	Optimal Management of Solitary Brain Metastasis	RICARDO KOMOTAR, M
8:50-9:10 AM	Low-grade Gliomas: Epilepsy vs Oncology Management	NICK BARBARO, M
9:10-9:30 AM	Understanding RCTs	ROBERT HARBAUGH, M
9:30-9:35 AM	Introduction of William Henry Hudson Lecture	ROBERT GROSS, M
9:35-10:05 AM	William Henry Hudson Lecture	DENNIS SPENCER, M
10:05-10:30 AM	Morning Break with Exhibitors	
10:30 AM-12:00 PM	Oral Abstract Presentations	
12:00-12:05 PM	Introduction of Distinguished Practitioner	
12:05-12:20 PM	Distinguished Practitioner	
12:20-1:45 PM	Vascular Workshop with Lunch	JAY HOWINGTON, M
5:30-7:00 PM	Welcome Reception	
Friday, February	21, 2014	
7:00 AM-1:00 PM	Meeting Registration	
7:00-7:30 AM	Breakfast with Exhibitors	
SCIENTIFIC SESSIO	N II	and the second sec
7:30-8:00 AM	Debate II: Direct Lateral vs Transforaminal Interbody Fusion	MOD: REGIS HAID, M
	for Lumbar Degenerative Fusion	JUAN URIBE, MD, MICHAEL WANG, M
8:00-8:20 AM	Pediatric Patients: Transitional to Adult Neurosurgeon	TIMOTHY MAPSTONE, M
8:20-8:40 AM	Peripheral Nerve Tumors	ROBERT SPINNER, M
8:40-9:00 AM	Update on Closed Head Injury Pathogenesis	ANDREW CARLSON, M
9:00-9:05 AM	Introduction of the Presidential Address	HARRY VAN LOVEREN, M
9:05-9:35 AM	Presidential Address	FERNANDO VALE, M
9:35-10:00 AM	Morning Break with Exhibitors	
10:00-11:40 AM	Oral Abstract Presentations	
11:40-11:45 AM	Introduction of Edward "Ned" Downing Lecture	SERGIO GONZALEZ ARIAS, M
	Edward "Ned" Downing Lecture	PAT DOHERTY, M
11:45 AM-12:35 PM	Business Meeting	
11:45 AM-12:35 PM 12:40-12:55 PM	Dusiness recently	
	-	DOM CORIC, M

7:00 AM-12:00 PM	Meeting Registration
7:00-7:30 AM	Breakfast with Exhibitors

Continued on next page.

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REGISTER ONLINE: www.regonline.com/SNS2014

Saturday, Febru	ary 22, 2014 continued	
SCIENTIFIC SESSIO		
7:30-8:00 AM	Debate III: Management of Spinal metastasis:	MOD: STEPHEN PIRRIS, MD
	Radiosurgery vs Complex Spine Surgery	JASON SHEEHAN, MD, ZIYA GOKASLAN, MD
8:00-8:20 AM	Update on Healthcare Reform	MIGUEL MACHADO, MD
8:20-8:40 AM	СРТ	PATRICK JACOB, MD
8:40-8:50 AM	Washington Update	KATIE ORRICO
8:50-9:00 AM	Historical Vignette	WINK FISHER, MD
9:00-9:40 AM	Oral Abstract Presentations	
9:40-10:10 AM	Morning Break with Exhibitors	
10:10-11:50 AM	Oral Abstract Presentations	
11:50-11:55 AM	Introduction of R. Eustace Semmes Lecture	ED DUCKWORTH, MD
11:55 AM-12:20 PM	R. Eustace Semmes Lecture	HUNT BAJTER, MD
12:20-12:25 PM	Closing Remarks	
6:30-10:00 PM	Final Reception and Banquet	

MEETING DETAILS

2014 SNS Annual Meeting

MEDICAL REGISTRATION INCLUDES:

- Admittance to Meeting
- Continental Breakfasts
- Coffee Breaks
- Welcome Reception
- Family Night
- Final Banquet

SPOUSE/GUEST REGISTRATION INCLUDES:

- Buffet Breakfasts at Vista Sol
- Welcome Reception
- Family Night
- Final Banquet

CHILD REGISTRATION INCLUDES:

- Buffet Breakfasts at Vista Sol
- Welcome Reception
- Family Night

(No children under 18 may attend the Final Banquet)

ATTIRE

The attire for each event of the program is listed below.

Educational Program—Business Casual

Welcome Reception—Resort Casual (*i.e. slacks or dress shorts for men; slacks, skirts or capris for women. Reception will be held outside on the Vista Mar Terrace so we recommend bringing a jacket or sweater).*

Family Night—Comfortable Casual (Venue is outside at the El Cuartel de Ballaja in Old San Juan so we recommend bringing a jacket or sweater.)

Final Banquet—Black Tie Optional

CANCELLATION POLICY

Cancellations received on or before January 24, 2014 will be refunded in full less a \$50 administrative fee. Cancellations received after January 24, 2014 will not be refunded. Cancellations must be received in writing.

Send cancellations to:

Christy Gill BroadWater 2150 Manchester Road, Ste. 210 Wheaton, IL 60187 E: cgill@broad-water.com * Hours and program subject to change.

CLIMATE AND TIME ZONE

The average weather for San Juan in February is mild and mostly sunny. Average high is 83 degrees Fahrenheit and the average low is 72 degrees. The time zone for Puerto Rico is Atlantic Standard Time.

TRANSPORTATION

The Ritz-Carlton is 10 minutes away from Luis Muñoz Marín International Airport (SJU). Taxis are easily available.

Car rentals may be arranged through the Resort Concierge for pick-up and drop-off at The Ritz-Carlton. Advance reservations are suggested by calling (941) 309-2160.

AMERICANS WITH DISABILITIES ACT

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

SOCIAL EVENTS

All social events (with the exception of the golf tournament) are included with your registration fee. (*Please see suggested attire for each event on Page 5*).

Welcome Reception

Thursday, February 20 5:30 PM—7:00 PM Vista Mar Terrace, The Ritz-Carlton

Please join us in the Ritz-Carlton's Vista Mar Terrace to greet your colleagues at the 65th SNS. You and your family will enjoy this night under the stars among the lush gardens of The Ritz-Carlton San Juan.

Family Night

Friday, February 21 7:00 PM—10:00 PM El Cuartel de Ballaja, Old San Juan

We'll enjoy extraordinary views of Old San Juan during the shuttle ride to El Cuartel, a historic building with military significance in Puerto Rico's past. The expansive Spanish-style courtyard will host our Family Night, including an exciting light show, live music, dance lessons, and games for the kids, as well as a full buffet dinner. Afterwards, you may return to the Ritz on the sponsored shuttle, or choose to explore Old San Juan on your own.

Final Banquet

Saturday, February 22 6:30 PM—10:00 PM (Black Tie Optional)

COCKTAIL RECEPTION 6:30 PM-7:00 PM

Vista Mar Terrace, The Ritz-Carlton

BANQUET

7:00 PM—10:00 PM Ritz-Carlton Ballroom

Let's finish the 65th SNS in style! Our final banquet will offer an elegant cocktail reception, fine dining, and festive dancing to our live band. This event is for attendees and guests over the age of 17.

Children's Activities

RITZ KIDS

The Ritz Kids program offers a variety of supervised physical and creative activities designed especially for children aged 5-12. Offering full or half-day options, seven days a week, Ritz Kids has something for every child, including:

- Arts and crafts
- Painting
- Coloring
- Movies
- Board games

In addition to the Ritz Kids program, The Ritz-Carlton, San Juan offers junior guests a variety of special services and amenities. Information for certified nanny services are available upon request.

For assistance please contact (787) 253-1700, extensions 4175 or 4177

Reservations are highly recommended.

SNS Golf Tournament

Saturday, February 22 1:15 PM departure from The Ritz-Carlton \$325 pp (16 person minimum)

Join your colleagues for some competition and prizes for the closest to the pin, lowest gross score, lowest net score, and longest drive!

This year's golf tournament will be held at the Bahia Beach Golf Course. Bahia Beach will be a haven of golf that will challenge but also delight your soul and spirit.

Price includes: green fees, shared cart, pre-round practice balls, a boxed lunch, prizes, gratuity and tax. Golf club rental is \$69 per set.



REGISTER ONLINE: www.regonline.com/SNS2014

THE RITZ-CARLTON, SAN JUAN

Indulge in a breathtaking resort with a tradition of unparalleled luxury and service. Enjoy a leisurely stroll down the Avenida Isla Verde as your senses delight in crashing ocean waves, gentle sea breezes and the welcoming sights of San Juan. The Ritz-Carlton, San Juan is ideally located on eight acres of prime beachfront property in beautiful Isla Verde and just minutes from historic Old San Juan.

For more information, visit www.ritzcarlton.com/sanjuan or call (787) 253-1700.

Property Features & Amenities

- Five exceptional restaurants including Laurent Tourondel's BLT Steak and II Mulino New York
- 12,000 square-foot Caribbean spa with 11 treatment rooms
- Swimming pool overlooking the beach
- 24-hour casino
- Minutes from the cosmopolitan culture and nightlife of San Juan

Dining

The Ritz-Carlton, San Juan offers a wide range of dining options, from casual to elegant:

BLT STEAK

Offering fresh seafood such as broiled Maine lobster, delicate Dover sole and spiced swordfish, BLT Steak is a reinvention of the classic American steakhouse.

II MULINO NEW YORK

Enjoy personal dining service and tableside meal preparation! II Mulino New York offers a diverse menu of vibrant Italian flavors inspired by the cuisine of Italy's Abruzzi Region.

MARES

Mares offers an exotic blend of tropical, European and Pacific flavors in a casual, yet sophisticated, Caribbean atmosphere.

THE OCEAN BAR & GRILL

Enjoy views of the white sand beach of Puerto Rico and the Atlantic Ocean in this casual eatery. The Ocean Bar & Grill offers lunch specialties and direct access to the ocean and pool.

THE LOBBY LOUNGE

Indulge in light fare and cocktails while enjoying live entertainment Thursday-Sunday in the Lobby Lounge.

For reservations or more information, please call (787) 253-1700 or visit www.ritzcarlton.com/sanjuan.

Recreation

THE SPA AT THE RITZ-CARLTON

Escape to The Ritz-Carlton, San Juan spa where the accommodations and the soothing, ever-present rhythm of the ocean inspires renewal. Relaxing therapies, including their famous massages, are designed to soothe the soul and rejuvenate the body. Featuring 11 treatment rooms with the most advanced skin and body therapies and salon services, the hotel spa offers a rejuvenating experience unlike any other in Puerto Rico.

For more information, visit www.ritzcarlton.com/sanjuan or call (787) 253-1700.

CASINO

Take a chance at courting Lady Luck at our grandly elegant casino.

Open 24 hours a day, The Ritz-Carlton, San Juan casino features traditional casino games and more than 340 slot machines. The Casino also offers live music each night on the weekends.

TENNIS

The Ritz-Carlton, San Juan invites you to enjoy a private tennis lesson from our internationally recognized tennis pro, Kamil Assad, on one of Puerto Rico's only beachfront hard courts. Whether looking for tips to improve your game or just curious to learn the basics, Kamil has built a reputation around creating a fun atmosphere that players at every level can enjoy. Kamil has a lifetime of diverse experience from training professional athletes to just having fun with kids on the court. Simply put, his passion is people and tennis. Lace them up, and let Kamil turn your tennis experience into a memory for a lifetime.

FITNESS CENTER

Revitalize your mind and body at the Fitness Center, with state-of-the-art equipment cardiovascular equipment and a variety of classes including group cycling, kickboxing, yoga and more. Fitness assessment and personal training are available. The Fitness Center features weight training and cardiovascular equipment, an aerobics studio and the services of a personal trainer. Open from 6 a.m. to 9 p.m. daily.

HOUSING RESERVATIONS

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, 2014**. Reservations after this date will be taken on a space available basis only, at current prevailing rates. We encourage you to make your hotel reservations early.

Room Rates

City View Single/Double Room— \$319 per night

Pool View Single/Double Room-\$359 per night

Ocean View Single/Double Room— \$409 per night

*All rooms are subject to sales and resort taxes, currently 11.% and 14%.

TO MAKE YOUR RESERVATIONS YOU MAY:

 Call The Ritz-Carlton reservations department at (800) 241-3333. Inform them that you are with the "2014 SNS Meeting" to ensure you receive the discounted room rate.

2 Book online by following these steps:

- **1.** Visit www.ritzcarlton.com
- **2.** Select San Juan as your hotel
- **3.** Select program dates and click **Find**
- **4.** Click on **Special Rates** located in the upper right hand side
- **5.** Enter the group code in the Group Code Field
 - City View (\$319)—
 SNSSNSA
 - Pool View (\$359)— SNSSNSB
 - Ocean View (\$409)—
 SNSSNSC

Deposit & Cancellation Policy

All reservations must be accompanied by a first night room deposit or guaranteed with a major credit card. The Ritz-Carlton will not hold any reservations unless secured by one of the above methods. Cancellation with no penalty is allowed up to 30 days prior to your check-in date. If room is cancelled within 30 days of arrival you will be charged one night's stay. No shows are charged for all confirmed nights.

Extended Stays

The SNS room block includes rooms on Wednesday–Sunday, February 19–23, 2014. Rooms are available at the group rate for three days before and three days after these peak nights. However, this is based on availability, which may be limited. We recommend you book your extended stay as soon as possible to ensure availability.

Room Amenities

THE RITZ-CARLTON | SAN JUAN, PUERTO RICO

FEBRUARY 19-22, 2014

- Flat-panel LCD televisions featuring cable, main channels, sports channels and latest movies
- Sumptuous marble baths
- Gourmet in-room coffee and tea
- 400 thread count, 100% cotton Frette linens
- High-speed internet access
- Goose down and non-allergenic foam pillows
- Plush lightweight bathrobes and generously sized terry bath towels
- Lighted makeup mirror, hair dryer and scale
- Business desk
- AM/FM clock radio with alarm and iPod dock
- Three telephones with dual phone lines and data port
- Fully stocked mini refreshment bars
- All resort rooms are non-smoking
- Double bedded rooms cannot fit a rollaway
- High-speed wireless internet access



MEETING REGISTRATION FORM

FIRST NAME*	LA	DEGREE*		
ORGANIZATION/INSTITUTION				
ADDRESS	CITY*	STATE*	ZIP	
PHONE	E-MAIL (All correspondence will be sent via e-mail)			
SPOUSE/GUEST FIRST NAME*	LAS	T NAME*		
SPOUSE/GUEST E-MAIL (For information	on optional tours/activities)			

CHILD'S FIRST NAME*	LAST NAME*	AGE	CHILD'S FIRST NAME*	LAST NAME*	AGE
CHILD'S FIRST NAME*	LAST NAME*	AGE	CHILD'S FIRST NAME*	LAST NAME*	AGE

Fees and Payment

MEETING REGISTRATION FEES

Quantity	Description	Registration received on or before 1/4/14	Registration received after 1/4/14	Subtotal
	SNS Member Neurosurgeon	\$575	\$625	\$
	Non-Member Neurosurgeon	\$700	\$750	\$
	Resident	\$225	\$275	\$
	Nurse/Allied Health	\$400	\$450	\$

Total Medical Registration Fees = \$

SPOUSE/GUEST REGISTRATION FEE

Quantity	Description	Registration	Subtotal
	Spouse/Guest	\$300	\$

CHILD(REN) REGISTRATION FEE(S)

Children 12-17 \$100 \$	cription Registration Subtotal	
Children under 12 \$50 \$		

Total Spouse/Guest/Children Fees = \$

GOLF TOURNAMENT REGISTRATION Saturday, February 22-1:15 pm

Fee includes shuttle to/from Bahia Beach Golf Course, green fees, shared cart, pre-round practice balls, a boxed lunch, prizes, gratuity and tax.

Name	Handicap	Golf Fee	Golf Club Rental	Shoe Rental	Subtotal
		\$325	L/R \$69	\$25	\$
		\$325	L/R \$69	\$25	\$
		\$325	L/R \$69	\$25	\$
		\$325	L/R \$69	\$25	\$
	\$				
	\$				

Complete and mail or fax with credit card authorization or check.

Check enclosed (check no. _____ payable to SNS in U.S. dollars, drawn on U.S. bank)
 Charge my credit card for registration () VISA () MASTERCARD () AMEX () DISCOVER

CREDIT CARD NUMBER	EXPIRATION DATE		ATION CODE	
BILLING ADDRESS	CITY	STATE	ZIP	

(PRINT) NAME AS IT APPEARS ON CARD

EARLY BIRD REGISTRATION DEADLINE

January 6, 2014

The early bird registration deadline is January 6, 2014. Registrations received after this date will be charged a \$50 late registration fee.

Advance registration cut-off is February 6, 2014. Registrations after this date will be taken on-site.

WAYS TO REGISTER

- Online: www.regonline.com/ SNS2014
- Fax: (630) 682-5811
- Mail: For wire transfers, please contact the SNS Meeting Planning Office at (630) 681-1040 or email Laura Law at llaw@broad-water.com.

Make checks payable to SNS.

For wire transfers, please contact the SNS Meeting Planning Office at (630) 681-1040 or email Laura Law at llaw@broad-water.com.

Cancellation Policy

Cancellations received on or before January 24, 2014 will be refunded in full less a \$50 administrative fee. Cancellations received after January 24 will not be refunded. Cancellations must be received in writing.

Send cancellation to Christy Gill at BroadWater, 2150 Manchester Road, Suite 210, Wheaton, IL 60187 or via e-mail at cgill@broad-water.com.

GROUP TOURS & SPOUSE ACTIVITIES

Group Activities

You must sign up in advance by January 17th (using the form on page 11) to be guaranteed a spot. Any walk-ons will be on a first-come, first-served basis. Activities are subject to cancellation if advance sign-up is insufficient. All prices include tax and service charge. All tours have a 8 person minimum and may be cancelled if the minimum is not met.

OLD SAN JUAN HISTORICAL WALKING TOUR

Thursday, February 20 8:45 AM—2:00 PM (*includes travel times*) \$62 per person

Examine the past first hand while strolling through the oldest city in the US. This tour includes Old Spanish cathedrals and forts, such as San Cristobal, where you will learn how the Spanish built and defended their city. Afterwards, you can enjoy lunch on your own at one of Old San Juan's fine restaurants.

"CHEF FOR A DAY" COOKING CLASS

Friday, February 21 11:00 AM—2:00 PM (includes travel times) \$248 per person

With this class, SNS spouses and guests will be taken into the heart of a Puerto Rican kitchen where you will learn firsthand from a local professional chef how to make your staple dishes. As a "chef for a day" you will make:

- Rum mojito cocktail
- Sofrito (base of all local food)
- Plantain mofongo stuffed with chicken criollo sauce
- Salad with tomato and homemade salad dressing
- Tembleque (local custard style dessert)

HORSEBACK RIDING BY THE RAINFOREST

Friday, February 21 12:30 PM—3:30 PM (includes travel times) \$123 per person

Enjoy a memorable horseback ride in a unique natural environment, one that you could not duplicate any place on earth. Ride gentled, but spirited "Paso Fino" horses, along the foothills of the world famous "El Yunque Rain Forest."

CAMPO RICO ZIP LINING ADVENTURE

Saturday, February 22 1:00 PM—5:00 PM (includes travel times) \$192 per person

This tour starts off with a walk through the lush northern coastal plains and continues with kayaking around the formations of the impressive karst mountains. At the end of the kayaking tour you will hike through the limestone formations using old trails created by the "criollos" inhabitants who lived in these mountains. After reaching the top of the first mountain adventurers will experience the first of three exhilarating ziplines.

EL YUNQUE RAINFOREST WALKING TOUR Saturday, February 22 8:45 AM—1:00 PM (includes travel times)

\$65 per person

Named after the good Indian spirit, Yuquiyu, and shelter to the Carib Indians for 200 years, El Yunque is the only tropical rainforest in the U.S. National Forest System. Spanning 28,000 acres and reaching an elevation of 3,624 feet, the area receives over 100 billion gallons of rainfall each year. In El Yunque you will see many unique sights and hear many unique sounds unsurpassed by any of the natural wonders.

Individual Activities

While in San Juan, we also recommend the following attractions. For more information, please call the Concierge Desk at (787) 253-1700 extension 4175.

EL MORRO FORTRESS

10 miles away from property

Designed to guard the entrance to San Juan bay and defend the city of San Juan from seaborne enemies, El Morro is a sixteenth-century citadel which lies on the northwestern-most point of the islet of San Juan.

ART MUSEUM OF PUERTO RICO

5 miles from property

Located in the heart of Santurce, it is one of the biggest museums in the Caribbean and a local house for collections from the 17th century.

HISTORIC OLD SAN JUAN

5 miles from property

Visit the site of the original San Juan settlement, the oldest city under the U.S. flag. Sights include fascinating colonial forts, churches, museums, art galleries, antique shops, outlet stores, jewelers, cafes and restaurants.

GROUP ACTIVITY REGISTRATION FORM

GROUP SERVICES, INC.

Please fill out this form and return via fax or email: Telephone: (787) 253-3200 | Fax: (787) 253-3499 | Email: yolanda@gsipuertorico.com

FIRST NAME	Δ Ι	ST NAME	
	EA		
ADDRESS	COUNTRY	CITY/STATE	ZIP
PHONE	FAX		
E-MAIL (REQUIRED)			

Activity Reservation Request

Activity name	Party of	Date of activity	USD price per person	Subtotal
Old San Juan Historical Walking Tour		Thursday, February 20	\$62	\$
"Chef for a Day" Cooking Class		Friday, February 21	\$248	\$
Horseback Riding by the Rainforest		Friday, February 21	\$123	\$
Campo Rico Zip Lining Adventure		Saturday, February 22	\$192	\$
El Yunque Rainforest Walking Tour		Saturday, February 22	\$65	\$

Total in USD = \$

ADDITIONAL REQUIRED DOCUMENTATION

Please include a copy of both sides of the credit card. It is very important that the card holder's signature is visible and legible.

CREDIT CARD INFORMATION

Charge my credit card for registration \bigcirc VISA \bigcirc MASTERCARD \bigcirc AMEX

CREDIT CARD NUMBER	EXPIRATION DATE	VERIFICA	VERIFICATION CODE	
BILLING ADDRESS	COUNTRY	CITY/STATE	ZIP	
(PRINT) NAME AS IT APPEARS ON CARD	S	SIGNATURE (I agree to pay above total according to card issuer agreement)		

GUEST SIGNATURE (E-SIGNATURE IS VALID)

Guest signature on this request is taken as authorization of Credit Card Charge and understanding of policies and remarks.

This request guest's card will only be charged once the activity is confirmed and guest contacted.

FOR GROUP SERVICES, INC. USE ONLY

Booking Status: \bigcirc Confirmed \bigcirc Not Confirmed

DATE CONFIRMED TO GUEST

ACKNOWLEDGE BY

PRE-REGISTRATION DEADLINE

Registration forms must be received by Group Services, Inc. by January 17th, 2014. Last minute sign ups are subject to availability, and tours may be cancelled if the group minimums have not been met.

TOUR DEPARTURES

All pick-up and drop-offs for the tours will be from the Ritz-Carlton lobby. Please arrive at least fifteen minutes prior to the tour departure time.

CANCELLATIONS AND REFUNDS

Cancellations can be made without penalty before January 17, 2014. A 15% cancellation fee will apply for cancellations received between January 17 and February 7, 2014. There will be no refunds after February 7, 2014. We reserve the right to cancel a tour due to lack of registrations. In that event, your full registration fee will be refunded. All cancellations must be sent to GSI via fax or email.

Group Services, Inc.

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Modern Neurosurgery: Controversies and Challenges

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FEATURING:

Pat Doherty, MP as the Ned Downing LecturerH. Hunt Batjer, MD as the R. Eustace Semmes LecturerDennis D. Spencer, MD as the William Henry Hudson Lecturer