

Kalahari Resort & Convention Center Bring the whole family to experience the 100,000 sqft. indoor waterpark featuring a retractable roof, stand-up surfing, or body boarding on the FlowRider, the twists and turns of the Anaconda and Swahili Swirl waterslides, lazy river and indoor/outdoor family hot tub, tons of activities for the kids and more! Explore the 30,000 sqft. arcade, featuring blacklight mini golf, arcade games, XD Dark Ride 5-D Theater, blacklight mini bowling and more. Experience the beauty of the resort's wooded setting while challenging yourself with Gorilla Grove Treetop Adventures ropes courses that range from easy, with the children's courses close to the ground, to extremely difficult expert tree to tree challenges.

Relax and rejuvenate at the peaceful Spa Kalahari and Salon that focuses on natural elements as a part of each treatment, providing a revitalizing spa experience. Near-by Manor Sports offers outdoor activities including 5 stand, pond fishing and a BB gun range, guided country tours, mountain biking, walking trails through the natural beauty of the mountain range. Kalahari Fitness and Training features free weights, free motion machines, medicine balls, BOSU's, resistance tubes, and more.

When it's time to dine, you find 12 options to choose from with something for everyone! Enjoy a wide variety of retail options for your souvenir shopping pleasure. Beautifully appointed guest rooms feature microwave, mini-fridge, free high speed Internet, iron/ board, safe, HD TV and much more. Desert rooms are 424 sqft. with two queen beds with a queen size sofa sleeper. Whirlpool Suites offer 424 sqft. with a large whirlpool tub, fireplace, balcony, king size bed and full size sofa sleeper. The Kalahari Resort & Convention Center is located off I-380 at Pocono exit 3; just over an hour from New York, 2 hours from Philadelphia, 2 hour from Harrisburg, 30 minutes from Scranton and 50 minutes from Allentown. The nearest major airport is Lehigh Valley International Airport (ABE), approximately 45 minutes away.

HOTEL RATES: A portion of the room rate is used to partially offset the cost of refreshments served during the meeting for participants only.

Desert Room: \$249 (Single-Quad occupancy)

- 2 Queen beds + Queen sofa sleeper.
- Max occupancy is 6 people age 2 and up. You may add one or two additional guests (max 6) by using the sofa sleeper at \$35 per person, per night for each guest over the age of 2.

Whirlpool Suite: \$249 (Single-Quad occupancy)

- 1 King Bed + Full size sofa sleeper.
- Max occupancy is 4 people, age 2 and up.

Rates are per night and do not include 9% tax. Rollaway beds are not available. Pack-and-Play cribs are \$25, based on hotel availability.

Admission to the indoor waterpark and outdoor waterpark (seasonal, weather permitting) is included in the room rate for each registered hotel guest! Check-in time is 4pm on the day of arrival, check-out time is 11am on the day of departure. Guests are able to register for their guest room beginning at noon the day of arrival and will receive their Water Park Wristbands and access to the Water Park at that time. Access to the Water Park prior to noon the day of arrival is not available. Water Park hours vary depending on the season.

Mandatory Resort fee of \$19.99 per room, per day is waived for those who book their room through NWAS/NWWT only. The Resort Fee includes: Water-park access during your stay, High speed wireless internet access in guest rooms, public space and convention center, expanded selection of TV channels including High Definition channels, in room safe, complimentary parking daily newspaper available in resort, complimentary local, calling-card and toll-free telephone calls, in room coffee, fitness center facilities, life jacket use in the waterparks, pool towel service in the waterparks, daily cookie decorating in lobby, bell service, daily family activities, support of eco-friendly Green Initiatives, business center, complimentary Incoming faxes, complimentary Concierges services, and discount coupons at check in. Resort fee inclusions and pricing subject to change without notice.

DEPOSIT REQUIRED: First night's stay plus tax deposit within 10 days of booking required to hold your room. Rooms are limited and available only through NWWT. Rate and availability not guaranteed until deposit received.

CANCELLATIONS: Cancellations of room reservations accepted until 6 days prior to arrival. Early departure fee applies if checkout prior to reserved departure date. **Travel insurance is recommended.**

COURSE DIRECTOR: Mark T. Murphy, MD, MSN Education, Austin, Texas, and Medical Director, Northwest Anesthesia Seminars, Pasco, Washington

TARGET AUDIENCE: This course is designed for physicians, certified registered nurse anesthetists, physician assistants, nurse practitioners, registered nurses and other medical care providers who must maintain state-of-the-art knowledge of the specialty or are impacted by it.

PROGRAM PURPOSE: The practitioner of anesthesiology must possess the scientific background for clinical practice; maintain state-of-the-art knowledge of not only the specialty, but also of all additional related disciplines which may impact it; maintain an up-to-the-minute armamentarium of knowledge and skills for the selection and use of complex equipment, pharmacological agents, and procedures necessary for the provision of quality patient care; manage self and colleagues to function toward common goals in the clinical setting, the clinical and educational institutions, and the community in which the practice resides; serve as an expert in matters involving health care delivery; serve as an informed manager of clinical and educational services provided, including the acquisition and distribution of resources necessary in meeting professional goals; and provide assistance with and support of other service providers, departments, institutions, and organizations dependent upon the professional expertise of the practitioner. Presentations are designed to facilitate the physician, nurse specialist, and other providers maintaining skills of the same kind to review and update knowledge and abilities in one or more of these areas vital to the practicing professional.

OBJECTIVES: At the conclusion of this activity, the participant will be able to:

Apply the pertinent physical and behavioral sciences—to include but not be limited to advanced anatomy and physiology, pathophysiology, chemistry, physics, psychology, and social sciences—as they impact and are affected by the planning, delivery, and monitoring of anesthesia and related services inherent in the anesthesia professions.

Explain the selection, dosing considerations with methods of administration, safe use, and contraindications and precautions of presented pharmacological agents through the understanding of their physicochemical properties, pharmacokinetics and pharmacodynamics, updated uses, and more recently developed additional, related, and similar drugs.

Outline comprehensive management plans for the group of patients discussed, whether related in age, physical status, cultural background, invasive procedure, anesthetic or analgesic requirements, clinical setting, adverse reactions, and/or goals of care.

Apply the principles of safety and asepsis in the performance of anesthetic procedures and administrations, equipment use, and other applications encountered during the provision of anesthesia and analgesia whether in the surgical unit, the labor and delivery suite, the pain management clinic, or other more remote location of anesthetizing services.

Incorporate the appropriate recommendations and/or requirements of pertinent external organizations, institutions, and professional groups—recognized as serving as the authority for and/or holding the responsibility to compile and approve such tenets—in the provision of anesthesia and related services, whether medical, legal, philosophical, ethical, or health care management standards.

Apply the new techniques in the clinical setting of the participant.

ACCREDITATION: 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 providorship of The A. Webb Roberts Center for Continuing Medical Education of Baylor Scott & White Health and Northwest Anesthesia Seminars. The A. Webb Roberts Center for Continuing Medical Education of Baylor Scott & White Health is accredited by the ACCME to provide continuing medical education for physicians.

The A. Webb Roberts Center for Continuing Medical Education of Baylor Scott & White Health designates this live activity for a maximum of 24 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

American Board of Anesthesiology: CME credit will be sent directly to The American Board of Anesthesiology to fulfill the Part 2 requirement for the Maintenance of Certification in Anesthesiology Program (MOCA®).

Anesthesiologist Assistants: The National Commission for Certification of Anesthesiologist Assistants (NCCAA) will accept CME credit for programs approved for continuing medical education by the AMA, AAPA, and ACCME.

Canadian Physicians: This activity is eligible for Section 1 credits in the Royal College's Maintenance of Certification (MOC) Program. Participants must log into MAINPORT to claim this activity.

Certified Registered Nurse Anesthetists: This program has been prior approved by the AANA for 24 CEC; AANA Code #1034658; Expiration date 7/26/18.

Nurse Practitioners: The American Academy of Nurse Practitioners Certification Program (AANPCP) and the American Nurses Credentialing Center (ANCC) accept CME from organizations accredited by the ACCME.

Osteopathic Physicians: This program is eligible for Category 2 credit with the American Osteopathic Association (AOA).

Physician Assistants: The American Academy of Physician Assistants (AAPA) accepts certificates of participation for educational activities certified for AMA PRA Category I Credit™ from organizations accredited by ACCME or a recognized state medical society. Physician assistants may receive a maximum of 24 hours of Category I credit for completing this program.

Registered Nurses: NWAS is an approved provider for the following state nursing boards: California Board of Registered Nursing (Provider Number 4833), District of Columbia Board of Nursing (Provider Number 50-7480), Florida Board of Nursing (Provider Number 50-7480), and the Georgia Board of Nursing (Provider Number 50-7480). This program offers 24 contact hours.

†Pharmacology hours subject to change.



Pocono Manor (Pocono Mountains) Beyond the Pocono Manor resorts, there are outdoor activities aplenty. The name Pocono comes from the Munsee word *Pokawachne* which means “the stream between two mountains.” The region encompasses 2,400 square miles of lakes, rivers, and woodlands waiting to be discovered.

Any time of year is a good time to visit the Pocono Mountains. Summer here caters to the active traveler allowing exploration of 261 miles of hiking and biking trails, over 35 golf courses, whitewater rafting, boating, hunting, fishing and open access to nine state and two national parks.

Travelling with family? Take a day trip to Daisy Field Farm, where they specialize in families and small groups, offering trail riding on horseback, picnics, and farm animal fun. Claws 'N' Paws Wild Animal Park is home to more exotic offerings with over 100 animal varieties including lions, gibbons, African tortoises, and more.

Adventure Center at Whitewater Challengers offers thrills perfect for teens and adults with paintball shooting through the mountain wilderness or on the target range, rock climbing, whitewater rafting, mountain biking, and zipline rides. For a more laid-back approach, hop aboard the scenic railways and ride through charming towns like Jim Thorpe, Delaware Water Gap, Honesdale and East Stroudsburg. A narrated train tour is a memorable way to explore the Pocono Mountains.

We have a block of rooms for seminar participants. Once this block is sold, rooms are based upon availability only and may be at a higher rate. To make reservations, please visit our website: www.nwas.com or call (800) 222-6927.

Call Universal Travel for your airfare needs. Be sure to mention Northwest Anesthesia Seminars when booking. Booking fee applies. Contact Kellee Kilmer: Phone: (858) 456-7887 or E-mail: kellee@universaltavel1.com

www.nwas.com info@nwas.com
(800) 222-6927 (509) 547-7065

Rev. 10/11/17

SCHEDULE

Monday, July 23

0630	Registration – Mandatory Sign In – Continental Breakfast	
0655	Welcome	NWAS Staff
0700	Herbal Stuff: It's All Safe, Right?	E.Frost
0800	ASA 1-2 Patient: Surgeon Wants Total Preop Testing —Is That OK?	E.Frost
0900	Preoperative Risk Assessment	C.Popa
1000	Break	
1015	Difficult Airway Algorithm	C.Popa
1115	Impact of Ultrasound on Pediatric Anesthesia	A.Spencer
1215	Antral Sonography: From Theory to Clinical Use	A.Spencer
1315	Adjourn	1.9 Pharmacology

Tuesday, July 24

0630	Registration – Mandatory Sign In – Continental Breakfast	
0700	Pediatric ERAS: Are We There Yet?	A.Spencer
0800	Emergence Agitation and Delirium: Prevention and Management	A.Spencer
0900	Neuroanesthesia: Not Just for the Neuroanesthesiologist!	E.Frost
1000	Break	
1015	Spinal Cord Injury and Its Surgery: From Stem to Stern	E.Frost
1115	Management of Biological Agent Casualties	C.Popa
1215	Management of Chemical Agent Casualties	C.Popa
1315	Adjourn	3 Pharmacology

Wednesday, July 25

0630	Registration – Mandatory Sign In – Continental Breakfast	
0700	Acid/Base, Fluids, and Electrolytes	C.Popa
0800	Hemodynamic Monitoring	C.Popa
0900	Perioperative Management of Common Congenital Heart Lesions for Noncardiac Surgery	A.Spencer
1000	Break	
1015	Pediatric Multimodal Analgesia	A.Spencer
1115	Monitoring the Central Nervous System: New Gadgets —Do They Really Help?	E.Frost
1215	PBLD: What Would You Do if the Patient's Brain Is Herniating and Other Crisis Moments in Neuroanesthesia	E.Frost
1315	Adjourn	2.5 Pharmacology

Thursday, July 26

0630	Registration – Mandatory Sign In – Continental Breakfast	
0700	Where Is the Basement Anyway? What Goes on in Interventional Radiology?	E.Frost
0800	So the Patient Is Rather Overweight: How Does Obesity Impact Our Anesthetic Management?	E.Frost
0900	PONV in Adults and Children: A Look at Current Evidence	A.Spencer
1000	Break	
1015	Anaphylaxis	A.Spencer
1115	Perioperative Medication Management	C.Popa
1215	Needlestick Injuries	C.Popa
1315	Adjourn	3.3 Pharmacology

24 CME I / 24 Class A CEC / 10.7 Pharmacology Hours†
Children and non-registered guests are not allowed to attend the lectures.

To register for this program and reserve your hotel room, please visit our website: www.nwas.com or call (800) 222-6927.



Northwest Anesthesia Seminars
Continuing Education for the Anesthesia Professional

Anesthesia Update

Pocono Manor, Pennsylvania
July 23–26, 2018



Baylor Scott & White
HEALTH
A. WEBB ROBERTS CENTER FOR CONTINUING MEDICAL EDUCATION

FACULTY

- Elizabeth Frost, MD**
Professor of Anesthesia
Icahn Medical Center at Mount Sinai
New York, New York
- Christian Popa, MD**
Colonel, Medical Corps, United States Army
Assistant Professor of Anesthesiology
Uniformed Services University of the Health Sciences
Director, Critical Care Anesthesiology
Walter Reed Army National Military Medical Center
Bethesda, Maryland
- Adam Spencer, MD, MSc, FRCPSC**
Pediatric Anesthesiologist and Director of Acute Pain Services
Complex Pain Physician
Vi Riddell Complex Pain and Rehabilitation Centre
Alberta Children's Hospital
Clinical Assistant Professor, University of Calgary
Calgary, Alberta, Canada

Course Registration **18JPP**

TUITION: In USD	MD/DO	CRNA/PA	RN/Others
Early <i>(Paid by 4/24/18)</i>	\$1000	\$950	\$850
Regular <i>(Paid after 4/24/18)</i>	\$1050	\$1000	\$875
Daily	\$268	\$255	\$225

PAYMENT METHODS:
Payment methods accepted for tuition include Visa, Mastercard, American Express, Discover, check, or money order in US funds, payable to NWAS.

SCHEDULE AND FACULTY CHANGES:
Factors beyond our control sometimes necessitate changes in the schedule and faculty. If time permits, we will inform all registrants of any changes prior to the program. Changes on site due to local conditions will be announced in class.

COURSE CANCELLATION BY PROVIDER:
We reserve the right to cancel a course for any reason. In such case, a minimum of 30 days notice will be given to those registered and 100% of tuition paid will be refunded. NWAS and NWWT will not be responsible for any non-refundable airfare, hotel, or other liabilities you may incur. **We highly recommend purchase of travel insurance. Travel at your own risk.**

COURSE CANCELLATION FEE:
\$100 May 24, 2018 to June 23, 2018. No refund after June 23, 2018; however, 50% of tuition paid may be applied toward tuition for another NWAS program within the next 12 months. **Cancellation must be made in writing.**

FAP (FREQUENT ATTENDEE POINTS):
FAP lets you accumulate points based on dollars spent with NWAS including net hotel and tuition booked through NWAS (but not air). Once you have enough points to cover a full tuition they can be redeemed for tuition (no cash value). A great program to reward you for supporting NWAS.

ERRONEOUS PRICING NOTICE:
Northwest Anesthesia Seminars, Northwest Seminars, and Northwest World Wide Travel reserves the right not to honor any published prices or coupons that it determines were erroneous due to printing, electronic, or clerical error.