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“ Enjoy panoramic views, hiking trails,  
interpretive exhibits, and restaurants. ”

**The Rimrock Resort Hotel** is located in the heart of the Canadian Rockies and Banff National Park. The Rimrock Resort Hotel offers exceptional views of the Canadian Rockies, fine dining, a luxury spa, pool and fitness center.

Guest rooms are 350 square feet and feature 1 king bed or 2 queen beds (based on availability), LCD TV, Wireless High Speed Internet access (fee may apply), radio, coffee/tea maker, hair dryer, iron/board. Standard rooms have an obstructed views with trees or parts of the building, Premium rooms have full valley views.

The Rimrock Resort Hotel is located on Sulphur Mountain in Banff National Park, a 5 minute drive from the Banff town site and 1.5 hours west of Calgary International Airport (approx. 90 miles/145 kilometers).

**HOTEL RATES:** A portion of the room rate is used to partially offset the cost of refreshments served during the meeting for participants only. Nwas/NWWT room rate includes complimentary internet access in guest room. **All hotel rates are in Canadian dollars.**

- Standard Room**
  - King Bed: \$294 CAD
  - 2 Queen Beds: \$279 CAD
- Premium Room**
  - King Bed: \$344 CAD
  - 2 Queen Beds: \$329 CAD

Single or double occupancy plus \$9 CAD maid/housekeeping/porterage service charge per room, per day and 11% tax/GST. Additional guests age 18+, add \$25 CAD per person, per day. Max 4 adults per room.

**DEPOSIT REQUIRED:** One night deposit plus tax at time of booking to hold your room. Rate and availability not guaranteed until deposit received.

**CANCELLATIONS:** Cancellations of room reservations accepted without penalty until five days prior to arrival. Early departure fees apply.

**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, CRNAs, physician assistants, registered nurses, and other medical care providers who must maintain state-of-the-art knowledge of not only the specialty, but also of all additional related disciplines which may impact 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 providership of the A. Webb Roberts Center for Continuing Medical Education of Baylor Health Care System, Dallas and Northwest Anesthesia Seminars. The A. Webb Roberts Center for Continuing Medical Education of Baylor Health Care System, Dallas is accredited by the ACCME to provide continuing medical education for physicians.

The A. Webb Roberts Center for Continuing Medical Education of Baylor Health Care System, Dallas, designates this live activity for a maximum of 20 *AMA PRA Category I Credits™*. 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 20 Class A CEC; AANA Code #1032339; Expiration Date 8/5/16.

**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 1 Credit™* from organizations accredited by ACCME or a recognized state medical society. Physician assistants may receive a maximum of 20 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 20 contact hours.

†Pharmacology hours subject to change.

**Banff** is a destination that offers everything from scenic beauty to cosmopolitan culture. In 1885, the Canadian Government created Canada's first National Park here. Enjoy panoramic views, hiking trails, interpretive exhibits, and restaurants. Learn a new skill with training programs for all skill levels in the disciplines of rock and ice climbing, mountaineering, outdoor leadership, avalanche awareness, and ski mountaineering. Airplane tours offer guided flights for a unique view of the Canadian Rockies. Relax aboard glass-enclosed boats as you travel the Minnewanka Valley to Devil's Gap on Lake Minnewanka. Tee-off amongst the backdrop of forests and local wildlife. Kayaking, canoeing, and white water rafting offer even more fun on the local rivers and lakes. Horse-back ride through a pine forest, bask in a natural hot spring or a luxury spa, or explore glaciers at the Columbia Icefield. A cosmopolitan collection of galleries, boutiques, and cafés await you back in civilization. Shops range from internationally recognized clothiers to independently-owned establishments. Banff is also home to Canada's oldest department store! All this and more awaits when continuing your education in Banff.

**THE MEETING HOTEL IS LOCATED INSIDE OF A NATIONAL PARK.**

- Park passes: • **Daily: \$9.80 CAD per adult**      **\$19.60 CAD per family**  
                  • **Annual: \$67.70 CAD per adult**      **\$136.40 CAD per family**

For more information: [www.pc.gc.ca/eng/pn-np/ab/banff/visit.aspx](http://www.pc.gc.ca/eng/pn-np/ab/banff/visit.aspx) Rates subject to change.

**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. Group rate available only through us (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@universaltravel1.com](mailto:kellee@universaltravel1.com)

Rev. 6/21/16

[www.nwas.com](http://www.nwas.com)      [info@nwas.com](mailto:info@nwas.com)  
(800) 222-6927      (509) 547-7065

| SCHEDULE                                                                          |                                                                                                          |            |  |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------|--|
| <b>Monday, August 1</b>                                                           |                                                                                                          |            |  |
| 0700                                                                              | Registration – Mandatory Sign In – Continental Breakfast                                                 |            |  |
| 0725                                                                              | Welcome                                                                                                  | Nwas Staff |  |
| 0730                                                                              | Postoperative Confusion—Confused?                                                                        | S.Lowson   |  |
| 0830                                                                              | The Case Against Opioids                                                                                 | S.Lowson   |  |
| 0930                                                                              | Break                                                                                                    |            |  |
| 0945                                                                              | Perioperative Management of Obstructive Sleep Apnea                                                      | C.Canlas   |  |
| 1045                                                                              | Multimodal Analgesia: There Are Other (Better) Options!                                                  | C.Canlas   |  |
| 1145                                                                              | Anaphylaxis: The Sting Can Come From Anywhere (An Anesthesia Review)                                     | L.Guzzi    |  |
| 1245                                                                              | Adjourn                                                                                                  |            |  |
| <b>Tuesday, August 2</b>                                                          |                                                                                                          |            |  |
| 0700                                                                              | Registration – Mandatory Sign In – Continental Breakfast                                                 |            |  |
| 0730                                                                              | Nuclear, Biological, and Chemical Bioterrorism:<br>An Update for the Anesthesia Provider: Are You Ready? | L.Guzzi    |  |
| 0830                                                                              | Blast Injuries and Acute Lung Injury                                                                     | L.Guzzi    |  |
| 0930                                                                              | Break                                                                                                    |            |  |
| 0945                                                                              | Goal Directed Fluid Therapy                                                                              | S.Lowson   |  |
| 1045                                                                              | Beta Blockers and Statins                                                                                | S.Lowson   |  |
| 1145                                                                              | Complications of Regional Anesthesia: Is GA Better?                                                      | C.Canlas   |  |
| 1245                                                                              | Adjourn                                                                                                  |            |  |
| <b>Wednesday, August 3 – Open Day</b>                                             |                                                                                                          |            |  |
| <b>Thursday, August 4</b>                                                         |                                                                                                          |            |  |
| 0700                                                                              | Registration – Mandatory Sign In – Continental Breakfast                                                 |            |  |
| 0730                                                                              | NORA: Venturing Beyond the Main OR                                                                       | C.Canlas   |  |
| 0830                                                                              | PACU / Emergency Issues                                                                                  | C.Canlas   |  |
| 0930                                                                              | Break                                                                                                    |            |  |
| 0945                                                                              | Intra and Perioperative Hypertension Management:<br>Are You Prepared for SCIP?                           | L.Guzzi    |  |
| 1045                                                                              | Review and Update on Coagulopathy:<br>DVT and Perioperative Risk and Treatment                           | L.Guzzi    |  |
| 1145                                                                              | Case Studies in the OR                                                                                   | S.Lowson   |  |
| 1245                                                                              | Adjourn                                                                                                  |            |  |
| <b>Friday, August 5</b>                                                           |                                                                                                          |            |  |
| 0700                                                                              | Registration – Mandatory Sign In – Continental Breakfast                                                 |            |  |
| 0730                                                                              | Best Hemoglobin                                                                                          | S.Lowson   |  |
| 0830                                                                              | Massive Blood Transfusion                                                                                | S.Lowson   |  |
| 0930                                                                              | Break                                                                                                    |            |  |
| 0945                                                                              | USGRA: Do I Need This Skill?                                                                             | C.Canlas   |  |
| 1045                                                                              | Infectious Disease and Risk for the Anesthesia Provider:<br>Hepatitis, HIV, MRSA, The New Threats        | L.Guzzi    |  |
| 1145                                                                              | A Perioperative Event Has Occurred: Defense and Litigation                                               | L.Guzzi    |  |
| 1245                                                                              | Adjourn                                                                                                  |            |  |
| <b>20 CME I / 20 CEC / Pharmacology Hours TBD†</b>                                |                                                                                                          |            |  |
| <b>Children and non-registered guests are not allowed to attend the lectures.</b> |                                                                                                          |            |  |

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



**Northwest Anesthesia Seminars**  
Continuing Education for the Anesthesia Professional

**Clinical Topics in Anesthesia**

*Banff, Alberta, Canada*  
August 1–5, 2016



**BAYLOR**  
Health Care System  
A. Webb Roberts Center for  
Continuing Medical Education

**FACULTY**

**Christopher L. Canlas, MD**  
Assistant Professor of Anesthesiology  
Vanderbilt University Medical Center  
Nashville, Tennessee

**Louis Guzzi, MD**  
Attending in Anesthesia and CCM  
Clinical Professor of Anesthesia and CCM  
Florida State University School of Medicine  
FHMG Medical Group  
Orlando, Florida

**Stuart Lowson, MD, BSc, MBBs, MRCP, FRCA**  
Associate Professor of Anesthesiology  
Department of Anesthesiology  
Director, Surgical/Trauma ICU  
University of Virginia Health System  
Charlottesville, Virginia

| Course Registration        |                     | 1AUG16 – 16ACA |         |           |
|----------------------------|---------------------|----------------|---------|-----------|
| TUITION: In USD            |                     | MD/DO          | CRNA/PA | RN/Others |
| Early                      | (Paid by 5/3/16)    | \$900          | \$850   | \$750     |
| Regular                    | (Paid after 5/3/16) | \$950          | \$900   | \$800     |
| Daily: 1 <sup>st</sup> Day |                     | \$315          | \$295   | \$225     |
| Additional Day(s)          |                     | \$220          | \$210   | \$200     |

**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 June 2 to July 2. No refund after July 2; 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.