**COURSE DESCRIPTION**
The 43rd Annual Mayo Clinic Seminar for Nurse Anesthetists emphasizes today’s standard of care and problem solving. The course is designed to provide an overview of the most recent advances in anesthesiology. **25 CE Credits**  **2.25 Pharmacology Credits are available.**

**Ultrasound-Guided Vascular Access and Regional Anesthesia WORKSHOP – Sunday evening**
An Ultrasound Workshop will be held Sunday, October 30, 2016. Registration will be limited. The workshop will focus on the use of ultrasound techniques and equipment. **3 CE Credits**

**ACCREDITATION**
“This program has been prior approved by the American Association of Nurse Anesthetists for 25 Class A CE credits; AANA Code number: 1035076; Expiration date: October 4, 2017.

**LOCATION**
This year’s seminar will again be held in the comfortable and impressive setting of Phillips Hall, Street Level of the Siebens Building, Mayo Clinic, 100 Second Avenue SW, Rochester, Minnesota.

**LODGING**
A block of guest rooms at a special group rate has been reserved at the following hotel in downtown Rochester, Minnesota. Please ask for the Mayo Clinic Seminar for Nurse Anesthetists. Due to demand we have increased the number of rooms available.


<table>
<thead>
<tr>
<th>The Kahler Grand Hotel</th>
<th>1-800-533-1655</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group Rate: $134 per room per night, Single/Double Occupancy – Group Rate</td>
<td></td>
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<tr>
<td><strong>Deadline: September 11, 2017</strong></td>
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</tr>
</tbody>
</table>

**SPECIAL RECOGNITION**
Special recognition goes to the exhibitors. Their generosity makes it feasible to lower the cost of this CME course and enjoy their trade fair.

**EXCURSIONS**
Mall of America Visit - Travel by Go Rochester Direct - ($45 same day round-trip) to Bloomington, MN and discover the world’s premier retail and entertainment complex. Along with nearly 500 stores, restaurants, and nightclubs, the mall features The Nickelodeon Universe, the world’s largest indoor theme park, and Underwater Adventures® Aquarium is your ticket to the fun and mystery of the deep blue sea! It’s the world’s largest underground aquarium.

If your family is looking for something to do while you attend the meeting, there are opportunities throughout the day to travel to the Mall of America. This opportunity is also available for meeting participants and their families, the Sunday prior to the start of the meeting, and Wednesday afternoon! If you are arriving at the Minneapolis Airport, Go Rochester Direct provides shuttle service to and from the airport and Rochester.

Please contact Go Rochester Direct for reservations or further information call General Office: 507-280-9270; Outstate Toll Free: 1-800-280-9270 or log on to: www.GoRochesterDirect.com for departure locations and times.

Mayo’s Simulation Center - The seminar is offering limited availability to tour Mayo's Simulation Center (Stabile Building). Tours will take place on Tuesday evening starting at 5:45 PM. Because space is limited we will confirm your reservation when you check into the meeting. **No CEUs** will be provided for this activity.
Program

COURSE FACULTY

*Mary Shirk Martenau, APRN, CRNA, PhD
Director Postgraduate CRNA Education, Mayo Clinic, Director, Mayo Clinic School of Health Sciences, Doctor of Nurse Anesthesia Practice Program, Assistant Professor of Anesthesiology, Mayo Clinic College of Medicine

Sarah Armour, MD
Instructor in Anesthesia, Mayo Clinic College of Medicine

Jamie N. Bakum-Gamez, MD
Associate Professor of Obstetrics and Gynecology
Mayo Clinic College of Medicine

David W. Barbara, MD
Assistant Professor of Anesthesiology,
Mayo Clinic College of Medicine

Tammy G. Buchanan, APRN, CRNA, MNA
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Instructor in Anesthesia, Mayo Clinic College of Medicine

Timothy B. Curry, MD, PhD
Assistant Professor of Physiology,
Associate Professor of Anesthesiology,
Mayo Clinic College of Medicine

Sean C. Dowdy, MD
Chair, Gynecologic Surgery
Professor of Obstetrics and Gynecology,
Mayo Clinic College of Medicine

Beth A. Elliott, MD
Associate Professor of Anesthesiology,
Mayo Clinic College of Medicine

*Robyn E. Finney, APRN, CRNA, MNA
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Instructor in Anesthesia, Mayo Clinic College of Medicine

Katherine A. Gorman, APRN, CRNA, MNA
Nurse Anesthetist Supervisor, Department of Anesthesiology and Perioperative Medicine, Mayo Clinic – Rochester

Jessica W. Halverson, APRN, CRNA, DrAP
Staff Anesthetist, Clinical Instructor, Department of Anesthesiology and Perioperative Medicine,
Mayo Clinic – Rochester

*Adam K. Jacob, MD
Associate Professor of Anesthesiology,
Mayo Clinic College of Medicine

Christopher J. Jankowski, MD
Assistant Professor of Anesthesiology,
Mayo Clinic College of Medicine

Stephen P Klinkhammer, DNP, CRNA, CHSE
Director of Anesthesia Simulation, Assistant Professor,
Rosalind Franklin University of Medicine and Sciences
Independent Anesthetist Contractor

Erin E. Martin, APRN, CRNA, DNP
Staff Anesthetist, Department of Anesthesiology and Perioperative Medicine, Mayo Clinic – Rochester
Associate Program Director, Doctor of Nurse Anesthesia Practice Program; Instructor in Anesthesia,
Mayo Clinic College of Medicine

*Karen E. Nase, APRN, CRNA, MNA
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Department of Anesthesiology and Perioperative Medicine,
Mayo Clinic – Rochester

*Tamra J. Neis
Program Assistant, Postgraduate Education and Nurse Anesthesia Education, Mayo Clinic – Rochester

*Roger D. Pula, APRN, CRNA, MNA
Staff Anesthetist, Clinical Instructor,
Department of Anesthesiology and Perioperative Medicine,
Mayo Clinic – Rochester

Matthew J. Ritter, MD
Assistant Professor of Anesthesiology,
Mayo Clinic College of Medicine

Jenna R. Steele, APRN, CRNA, MNA
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Instructor for Anesthesiology, Mayo Clinic College of Medicine

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Mayo Clinic College of Medicine

*Kevin vanKoeverden, APRN, CRNA, MNA
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Department of Anesthesiology and Perioperative Medicine,
Mayo Clinic – Rochester

Sarah C. Voogd, APRN, CRNA, MNA
Staff Anesthetist, Clinical Instructor, Department of Anesthesiology and Perioperative Medicine,
Mayo Clinic – Rochester
Instructor in Nursing, Mayo Clinic College of Medicine

Brendan T. Wanta, MD
Assistant Professor of Anesthesiology,
Mayo Clinic College of Medicine

Mark A. Warner, MD
Professor in Anesthesiology, Mayo Clinic College of Medicine

Tasha L. Welch, MD
Assistant Professor of Anesthesiology,
Mayo Clinic College of Medicine

Roger D. White, MD
Professor of Anesthesiology, Mayo Clinic College of Medicine

LaChelle J. Wieme, APRN, CRNA, MNA
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Doctor of Nurse Anesthesia Practice Program
Instructor for Anesthesiology, Mayo Clinic College of Medicine

Susan K. Wigersma, APRN, CRNA, MNA
Staff Anesthetist, Clinical instructor
Department of Anesthesiology and Perioperative Medicine,
Mayo Clinic – Rochester

Edward Zhotvis, DNP, CRNA, APN, APNP
Staff Anesthetist, Department of Anesthesiology and Perioperative Medicine, Mayo Clinic – Rochester
Staff Anesthetist, OSF St. Anthony and Swedish American Hospitals, Rockford, IL
Instructor, Nurse Anesthesia Program,
Rosalind Franklin University of Medicine and Sciences

Student Presenters:
Doctor of Nurse Anesthesia Practice (DNAP) Program, Class of 2018:
Elizabeth A. Cochrane, RN, BSN, SRNA
Sarah L. Esrait, RN, BSN, CCRN, SRNA
Thomas W. Jorgensen, RN, BSN, SRNA
Isaac W. Therniau, RN, BSN, SRNA

* Members of the Seminar Committee

SUNDAY, OCTOBER 1, 2017

Evening Session – Siebens 406
Presiding: Mary Shirk Martenau, APRN, CRNA, PhD
5:00pm Ultrasound-Guided Vascular Access and Regional Anesthesia Workshop
to 3 CEUs
8:00pm Faculty: Adam K. Jacob, MD
Roger D. Pula, APRN, CRNA, MNA,
Kevin vanKoeverden, APRN, CRNA, MNA
**MONDAY OCTOBER 2ND, 2017**

**Morning Session**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>7:00am</td>
<td>Registration – Phillips, Hall, Street Level, Siebens Bldg.</td>
</tr>
<tr>
<td>7:15am</td>
<td>Full Breakfast &amp; Exhibitors – Leighton Hall, 2nd Floor, Siebens Bldg.</td>
</tr>
<tr>
<td>7:40am</td>
<td>Welcome and Opening Remarks</td>
</tr>
<tr>
<td>7:45am</td>
<td>Update on Cardiac Arrythmias</td>
</tr>
<tr>
<td>8:45am</td>
<td>Pharmacology Trivia**</td>
</tr>
<tr>
<td>9:45am</td>
<td>Anesthesia ACLS and ACRM: Adding to the Alphabet Soup or Tools to Enhance our Practice</td>
</tr>
<tr>
<td>10:45am</td>
<td>Visit the Exhibitors – Leighton Hall Lobby, 2nd Floor Siebens Bldg.</td>
</tr>
<tr>
<td>12:00pm</td>
<td>Luncheon – Elizabethan Room, Kahler Hotel – 1st Floor</td>
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**Afternoon Session**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>1:00pm</td>
<td>Regional Anesthetics – Plan B!</td>
</tr>
<tr>
<td>2:30pm</td>
<td>Student Awards</td>
</tr>
<tr>
<td>4:10pm</td>
<td>Intermission- Phillips Hall Lobby, Street Level, Siebens Bldg.</td>
</tr>
<tr>
<td>4:25pm</td>
<td>The Post Anesthesia Care Unit: Practice Management and Improvement</td>
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**TUESDAY, OCTOBER 3, 2017**

**Morning Session**

<table>
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<tr>
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<th>Event</th>
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<tr>
<td>7:45am</td>
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<tr>
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</tr>
<tr>
<td>12:00pm</td>
<td>Luncheon – Elizabethan Room, Kahler Hotel – 1st Floor</td>
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**Afternoon Session**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00pm</td>
<td>New as Well as Persistent Perioperative Patient Safety Issues in 2017</td>
</tr>
<tr>
<td>2:00pm</td>
<td>Regional Analgesic Techniques for Labor and Delivery</td>
</tr>
<tr>
<td>3:00pm</td>
<td>Less-Invasive Hemodynamic Monitoring: Is the PA Catheter Obsolete?</td>
</tr>
<tr>
<td>4:00pm</td>
<td>Intermission – Leighton Hall Lobby, 2nd Floor Siebens, Bldg.</td>
</tr>
<tr>
<td>4:15pm</td>
<td>Insights from the Pediatric Outfield</td>
</tr>
<tr>
<td>5:15pm</td>
<td>TEE for Non-Cardiac Surgery</td>
</tr>
<tr>
<td>6:30pm</td>
<td>Reception for Registrants and Guests</td>
</tr>
</tbody>
</table>

**WEDNESDAY, OCTOBER 4, 2017**

**Morning Session**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>7:00am</td>
<td>Full Breakfast – Phillips Hall Lobby, Street Level, Siebens Bldg.</td>
</tr>
<tr>
<td>7:40am</td>
<td>Announcement</td>
</tr>
<tr>
<td>7:45am</td>
<td>Generational Differences in the Workplace</td>
</tr>
<tr>
<td>8:45am</td>
<td>Anesthetic Management of the Pregnant Patient Requiring Neurosurgery</td>
</tr>
</tbody>
</table>

**Afternoon Session**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:45am</td>
<td>Intermission- Phillips Hall Lobby, Street Level, Siebens Bldg.</td>
</tr>
<tr>
<td>10:00am</td>
<td>Teaching Old Drugs New Tricks**</td>
</tr>
<tr>
<td>11:00am</td>
<td>Challenging Anesthesia Cases: How would you manage?</td>
</tr>
<tr>
<td>12:00am</td>
<td>Certificates and Next Year's Announcement</td>
</tr>
</tbody>
</table>
**Forty-Third Annual**

**Mayo Clinic Seminar for Nurse Anesthetists (22 CE Credits)**

October 1 – October 4, 2017

**Ultrasound Guided Workshop (3 CE Credits)**

October 1, 2017 - 5:00-8:00 pm*  
*Please note space is limited.

Mail form and payment to:
Mayo CRNA Postgraduate Education
10-12 Siebens Bldg; 200 1st St. SW
Rochester, MN 55905

Mail form and payment to:
Telephone: 1-507-284-8331
FAX: 1-507-284-2818

To register, return the completed registration form with your payment. The registration fee includes full breakfasts with refreshment breaks, Monday Evening reception, lunches on Monday and Tuesday, and access to the course materials. Registration opens at 5:00 pm Sunday, October 1 for Ultrasound-Guided Vascular Access and Regional Anesthesia Workshop participants on 4th Floor Siebens Building, Room 406. Registration for the seminar and exhibits opens at 7:00 am, Monday, October 2, Main Floor Siebens Bldg., Phillips Hall. Monday: exhibits, breakfast/breaks will be held in the lobby area of Leighton Auditorium, 2nd Floor Siebens Bldg. Tuesday and Wednesday: breakfast and breaks will be held in the lobby area of Phillips Hall, Street Level Siebens Bldg.

**Registration**

Please print or type all information. Duplicate this form for multiple registrations.

Name___________________________________________________________________  
AANA Membership No._______________ Mayo Alumni: □No  □Yes Year:______  
Address_________________________________________________________________  
City_____________________________________________ State_______ Zip________  
E-mail (MUST PROVIDE): _______________________________________________  
Telephone Contact (______) ________________________ FAX (______) _____________

☐Check box if you have special accommodation needs. If so, please indicate your needs here: ___________________________________________________________

☐Check box if you request a vegetarian entrée.

**PAYMENT**

Seminar Registration fee: (Monday through Wednesday) $500 $________  
RN, SRNA Seminar fee: (Monday through Wednesday) $300 $__________  
One day Seminar fee: (Monday or Tuesday) $225 $__________  
Half day Seminar fee: (Monday, Tuesday, Wednesday) $150 $__________  
Ultrasound Workshop: (Sunday Evening) $200 $__________

☐Check is enclosed in the amount shown at right: Payable to Mayo Clinic

<table>
<thead>
<tr>
<th>Credit card – select one:</th>
<th>Discover</th>
<th>MasterCard</th>
<th>Visa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Account Number:</td>
<td></td>
<td>Exp Date: – mm/yy</td>
<td>CVC Code: (3 digit Code on back)</td>
</tr>
</tbody>
</table>

Name of Cardholder:  
Signature of Cardholder (required):

Simulation Center Tour (Tuesday Evening – Tours start at 5:45 PM) Yes, I plan to tour: ☐

NO REFUNDS AFTER September 22, 2017.

Tuesday evening reception RSVP. Please indicate total # attending: _____ (Registrant & Guests)
Forty-Third Annual
Mayo Clinic Seminar for Nurse Anesthetists
October 1- October 4, 2017
Mayo Clinic, Phillips Hall, Siebens Building
Rochester, Minnesota