

AIRWAYS

M A H H L ON-Q C E

F i - - i K i , P - - i E i C i D i - i R i A i
A i i i i P i M i i i R i A i i

The Middle Tennessee School of Anesthesia (MTSA) and Halyard Health (formerly Kimberly-Clark Health Care), a medical technology company that provides innovative healthcare solutions focused on preventing infection, eliminating pain and speeding recovery, are collaborating to launch the nation's first peer-to-peer Certified Registered Nurse Anesthetist (CRNA) Center of Excellence housed within a school. The new Center, now open on MTSA's campus, will be dedicated to the education of nurse anesthetists in ultrasound-guided regional anesthesia (UGRA) with Halyard Health's ON-Q Pain Relief System – used primarily to treat acute pain.

innovative technology that allows local anesthetic to be delivered right to where the pain is, reducing the chance of the side effects commonly associated with narcotics.

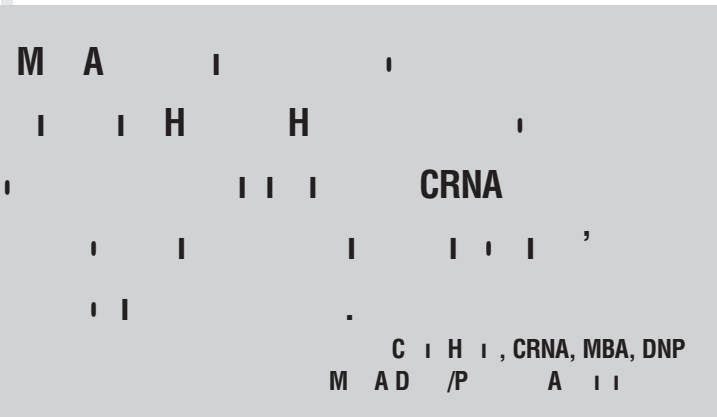
“MTSA has built a strong program and has allied with Halyard Health as a respected partner because it is time for CRNAs to become more proactive concerning their patient's acute pain management,” said MTSA Dean/Program Administrator Chris Hulin, CRNA, MBA, DNP. “Properly managing patient pain before, during, and after surgery is vital to patient satisfaction, yet not enough CRNAs are practicing UGRA, which enhances patient care.”

At MTSA, CRNAs are trained to safely administer anesthesia in a variety of medical settings including operating rooms, obstetrical units, and pain clinics. Ultrasound technology is one of the most recent techniques CRNAs use to administer regional anesthesia to prevent pain.

“Ultrasound technology allows us to see patients' nerves, inject pain medications around the nerves, and ultimately prevent the nerves from triggering the feeling of pain to the brain,” said MTSA Director of Collaborative Learning Patrick Moss, CRNA, MS, APN.

According to a recent study published in *Journal of Clinical Anesthesia*, the use of UGRA was positive when compared to alternative techniques. Another study published in the Oct. 2012 issue of *Journal of Clinical Anesthesia* concluded that people use ultrasound technology to: achieve a higher success rate, improve safety, and teach anesthesia trainees;

(Continued on page 7)



With Halyard Health's ON-Q non-narcotic portable Pain Relief System, the local anesthetics pain relieving methods that physicians may use during surgery are available for use after surgery, both at the hospital and at home. MTSA's Center of Excellence will train CRNA's how to use this



2014 Commencement Exercises Held – Degrees Conferred on MS and Inaugural DNAP Graduates

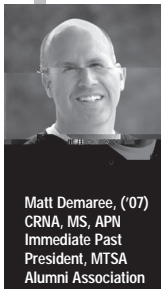
Commencement exercises for the Middle Tennessee School of Anesthesia Class of 2014 were held Saturday evening, December 6, 2014 at the Madison Campus Seventh-day Adventist Church. This is the inaugural year to confer



--	--	--

studies dating from 1956 to 2013. “The evidence became fascinating - each study was based on preceding concepts, methods, and findings. A light switch came on!”

“Today, I will not place a cuff that is not designed and validated for forearm blood pressure measurement on the forearm, and I educate others regarding this invalidated technique of measurement. Since completion of my project, I have educated other healthcare providers in all clinical areas regarding the findings.” She said, “I’ve become known as the ‘blood pressure lady’.” Mullins added, “Our facility purchased the new GE Crtaty



Matt Demaree, ('07)
CRNA, MS, APN
Immediate Past
President, MTSA
Alumni Association

It's About Numbers

I hope you had a great holiday season celebrating with friends and family. It is that time of year when we reflect on the past year's blessings as well as looking forward to new opportunities and leaving bad experiences behind. It's also a time of numbers. You know the numbers game: earnings this year compared to last, the number of procedures compared to last year, the number of pounds over or under a goal, the number of miles, marathons, or events run/competed. Maybe you are early in your career and it's the number of payments you are paying down on your student loans, or maybe you are looking at the number of years until retirement; the number of kids in college or going to college or until college. How many continuing education units do you need this year? How many vacations will you get to take this year? Each are numbers affecting every aspect of your life on a daily basis.

I personally love numbers. Numbers are an objective way to assess many times a subjective situation. Let me share some very interesting numbers with you as a CRNA. Only 1 in 3 applicants are accepted into an anesthesia program. CRNA's represent a little over 10% of all the RN's practicing in the United States. You are in the top 1% or so of wage earners in the world. Currently 30% of practicing CRNA's are at least 55 years old. Trends are predicting 17% retired by the year 2020 with 50% of CRNA's in Texas retiring by the year 2024. Surveyed CRNA's reveal 70% enjoy where they work with 88% almost 9 in 10 love their profession. These numbers seem to imply you are a very blessed person. You are a top wage earner, with a highly sought and unique skill set, and a bright future wherever you are in your professional career.

So now what are you going to do with such blessings? Remember, the more blessed, the more responsibility you have. I ask you to consider how you can help yourself, your peers, and your profession. We need more numbers voting, contributing to our political action committees, donations, and serving. Psalm 90:12 asks the Lord to teach us to number our days that we may apply our hearts unto wisdom. This is a great time to number your blessings, look for opportunities to give back, and pay it forward. Thank you for the number of hours of excellent anesthesia! Thank you for the opportunity to serve as your Alumni President!

Scholarships and Grants Awarded to MTSA Students

All MTSA students received some form of financial award grant and/or scholarship in 2014. Each MTSA student was awarded a \$521.82 grant from Health Resources and Human Services Administration for Nurse Anesthetist Traineeship. "MTSA applies for these funds annually and never knows if it will be approved, nor do we know how much each student will receive," said Jim Closser, Vice President for Advancement & Alumni. "The grant award this year was an increase over last – for which the students are grateful."

In addition to the federal grant distribution to each student, the following students received grants from a variety of other sources including:

MTSA Alumni Founders Fund (\$500)

- John Meyers ('15)
- Caitlin Hogue ('16)

National Black Nurses Association (\$5,000)

- Ambra Jordan ('14)

UPS Scholarship (\$2,425)

- John Mark Lucas ('15)

Contributions are encouraged to help fund both General/Unrestricted and Alumni Founders Fund scholarships. Make your contribution today at www.mtsa.edu.

MIDDLE TENNESSEE SCHOOL OF ANESTHESIA IS OFFERING

20 CONTINUING EDUCATION CREDITS FREE

If you are a MTSA Alumni, Academic Instructor or a Clinical Instructor, take advantage of 20 continuing education credits free.

A nominal \$10 fee per credit hour will be charged to CRNA's who do not meet the above criteria. If no one is scheduled to attend by the Thursday before the session, the session will be cancelled.

SESSION I

MARCH 22, 2015

1:00 PM – 5:10 PM

4 CREDITS

Regional Anesthesia
Renal A & P
Pediatrics

SESSION II

APRIL 19, 2015

1:00 PM – 5:10 PM

4 CREDITS

Obesity and Anesthesia
OB Anesthesia
Weak Acid Bases
Local Anesthesia
Geriatric Anesthesia
Gas Machines

SESSION III

MAY 3, 2015

1:00 PM – 5:10 PM

4 CREDITS

Inhalationals
Cardiovascular
Hemostasis

SESSION IV

MAY 17, 2015

1:00 PM – 5:20 PM

4 CREDITS

Neuro A & P
Electrolytes
Pharmacokinetics

SESSION V

JUNE 7, 2015

1:00 PM – 5:10 PM

4 CREDITS

Respiratory A & P
Physics & Chemistry
Valvular Disease

MTSA Alumni Association

—2015 Officers and Representatives

The annual election of MTSA Alumni Association officers and representatives was held last month and the results are noted below. This group gives of their time, energy, and effort to make a difference for MTSA alumni in planning regional dinners, open houses, continuing education seminars, and more. They are to be commended for their efforts on behalf of MTSA alumni everywhere.

MTSA ALUMNI ASSOCIATION OFFICERS AND REPRESENTATIVES FOR 2015 ARE:

Past President	Matt Demaree ('08)
President	Aaron Jones ('00)
President-elect	Max Fort ('97)
Secretary	Tammy Kellogg ('03)

DECADE REPRESENTATIVES INCLUDE:

2010 – Present	Jay DePass ('10)
1990 – 1999	Wes Streetman ('97)

Note: Decade representatives for 70's and pre-1969 will be elected next year in addition to President-elect and Treasurer. Aaron Jones will serve on the MTSA Board of Trustees.

