EDUCATION - CLINICAL
OUR FUTUREImage: Constraint of the semicity of the semicity



Each year, our Nurse Anesthetist students are charged with completing a DNP project as part of their degree. These projects are very successful and give students the important experiences to produce research and scholarship during their academic career. Many of our students receive opportunities to travel to conferences to present their projects and publish articles in scholarly publications. In addition, these initiatives help increase excellence and rankings of our Nurse Anesthetist Program throughout the country. Currently, the Nurse Anesthetist Program is ranked #88 in the country by U.S. News & World Report. The College seeks philanthropic support to provide these experiences for our students as the university does not cover these costs. Please consider supporting our students with a tax deductible gift to support the Nurse Anesthetist Program.

You can make your tax deductible gift in one of two ways:

ONLINE: Click DONATE and choose "Anesthesiology"

BY CHECK: Please make your check payable to: FIU Foundation, Inc.

On the memo line note: NWCNHS Nurse Anesthetist Program.

Your check can be mailed to:

FIU Foundation, Inc. Florida International University MARC Building 5th Floor 11200 SW 8th Street Miami, FL 33199

Message From the Department of Nurse Anesthesiology's Chair



The Department of Nurse Anesthesiology (DNA) faculty and I are very proud of our students and their commitment to the FIU Doctor of Nursing Practice, Anesthesiology Nursing Program. I am happy to share the department's accomplishments.

- The FIU Department of Nurse Anesthesiology was well represented at the AANA Annual Meeting in Chicago, held in August 2022, as 27 SRNA students traveled to participate in the meeting and compete in the college bowl. The FIU Nurse Anesthesiology students also competed in the 6th annual FANA college bowl in October during the FANA's Annual meeting.
- The Class of 2024 held their White Coat Ceremony in September prior to the commencement of their clinical experiences, as they began their third semester.
- In October, the Department had a successful reaccreditation visit from the Council on Accreditation of Nurse Anesthesia Educational Programs (COA). Results from the visit will be available after the COA board meeting in May 2023.
- Faculty accomplishments include Dr. Campbell, Dr. Diaz, and Dr. Alfonso being selected to serve on National committees for the American Association of Nurse Anesthesiology (AANA) and the National Board of Certification and Recertification for Nurse Anesthetists (NBCRNA). Dr. Miller and I received a tech grant from FIU to enhance students' experience

in ultrasound, POCUS, TEE, and regional anesthesia. Dr. Miller & Dr. Campbell will co-chair FANA's research committee, and I was elected to serve as FANA's secretary/treasurer. I was also inducted as a Fellow of the American Association of Nurse Anesthesiology.

- The Class of 2022 successfully presented their DNP Scholarly Projects in the DNP Virtual Symposium. The graduating class held their hooding ceremony and were hooded by faculty as they graduated in December. The department wishes them the best as they sit for their boards and begin their careers as Doctorally prepared Nurse Anesthesiologists.
- Mairelys DeLaGuardia, MBA, our Program Coordinator, won the Nicole Wertheim College of Nursing & Health Sciences Administrative staff of the year award. Ms. DeLaGuardia's efforts are an integral part of our department's accomplishments.
- The Department of Nurse Anesthesiology will welcome 43 students from the Class of 2025 in the Spring semester. Students were selected from a very competitive applicant pool. I am grateful for the department's success.

I want to thank all the faculty, staff, and students for their hard work in making the FIU Anesthesiology Nursing Program a success.

Jorge A. Valdes, DNP, CRNA, APRN, FAANA Chair, Department of Nurse Anesthesiology

Faculty & Staff Awards

- The American Association of Nurse Anesthesiology (AANA) has awarded Certified Registered Nurse Anesthetist (CRNA) Dr. Jorge Valdes the designation of Fellow of the AANA (FAANA) – a recognized hallmark of leadership and outstanding achievements in the profession and science of Nurse Anesthesiology.
- Congratulations to the faculty in the NWCNHS for receiving two FIU Tech Fee grants and bringing state-of-the-art technology to the NWCNHS college and simulation center.
- Dr. Ann Miller and Dr. Jorge Valdes were awarded the FIU Tech Fee grant in the amount of \$98,035.00 for "Smartphone Butterfly iQ+ Ultrasound: A Single Probe, Whole-Body Ultrasound Solution.



• Dr. Ann Miller and Dr. Michelle Odai were awarded the FIU Tech Fee grant in the amount of \$94,890.00 for "Ultra-Realistic Patient Simulator to Facilitate Training in Point of Care Ultrasound in the Health Sciences."



• Mairelys DeLaGuardia, MBA, our Program Coordinator, won the Nicole Wertheim College of Nursing & Health Sciences Administrative staff of the year award.



- Congratulations to Dr. Ann B. Miller who was awarded the 2022 FIU Top Scholar awardee in recognition of teaching in the category of "Dedicated Mentoring".
- Congratulations to Dr. Yasmine Campbell for completing her Post-Graduate Certificate in Nursing Education and her Certified Nurse Educator Certification
 - "After experiencing changes in educational modalities during the pandemic, I started my quest to perfect alternative academic teaching strategies for adult learners. My passion is gamification and increasing active learning strategies. Completing this degree has allowed me to learn testing and evaluation strategies, curriculum building, and teaching strategies. My commitment to lifelong learning and nurse anesthesiology students is endless, and I plan to continue growing my knowledge in various educational spectrums."



Since Dr. Valerie Diaz, Assistant Professor for the Department of Nurse Anesthesiology, was last featured in the Sedation Sequel, she has been quite busy. Dr. Diaz has recently been awarded two Post-Master's Certificates from Florida International University in Nursing Education and Psychiatric Mental Health Nurse Practitioner. As a newly Certified Nurse Educator, she utilizes evidence-based teaching strategies to deliver the most current curriculum content. Dr. Diaz adds the coveted 'CNE' to her credential profile and joins an elite cadre of six faculty in the Nicole Wertheim College of Nursing and Health Sciences. When asked about the significance of these achievements, Dr. Diaz replied, "certification in any field is a mark of professionalism, but as a nurse educator, it creates a means for faculty to demonstrate their expertise, and it communicates to the healthcare community, particularly the students, that the highest standards of excellence are being met."

Additionally, Dr. Diaz intends to combine her clinical practice as a CRNA and Psychiatric Mental Health NP to address the growing incidence of addiction in the Nurse Anesthesiology and military communities, addressing the global opioid crisis. SRNAs are undoubtedly fortunate to have Dr. Diaz as a faculty member and role model in the Department of Nurse Anesthesiology at FIU. Congratulations, Dr. Diaz, job well done!



AANA Annual Congress: Student Perspectives By: Joseph Benson, C/O 2022 and Yanet Milanes, C/O 2022

Joseph Benson:

"Several students from FIU's Nurse Anesthesiology program attended the American Association of Nurse Anesthesiology (AANA) Annual Congress meeting in Chicago, Illinois in August. The annual conference is a large educational event attended by CRNAs and students from all over the United States. As trusted experts in the field of anesthesia and patient care, it is vital to attend conferences like this to learn the latest evidence-based clinical information and bring what is learned into practice. The AANA Annual Congress provides lectures, exposure to innovative technology, and allows for social networking as well. Attending the conference not only improves education among the CRNA profession, but also gives a sense of teamwork, community, and makes the profession strong. "CRNA strong" was the theme this year, denoting the strength and influence CRNAs have on the care of patients and improving anesthesia care. Perhaps the most noteworthy part of the week was that Dr. Valdes earned the designation, Fellow of the AANA (FAANA), a significant achievement for CRNAs as practitioners, educators, and advocates for the profession of Nurse Anesthesia. The FAANA title recognizes a dedicated professional who is committed to the growth and advancement of CRNAs. This further demonstrates his ability to lead FIU in the improvement of the Department of Nurse

Anesthesiology.

As a student, I thought the conference was a great experience. I was able to meet other SRNAs throughout the country and discuss our experiences and network with other CRNAs. I attended several lectures varying from mental health issues among providers to a hands-on ultrasound workshop. Additionally, I participated in the Anesthesia College Bowl, a game-show-style event where students compete with other students to face a team of CRNAs in the final round. Overall, it was an inspirational and enjoyable event that I will continue to attend throughout my career as a CRNA. Next year's Annual Congress will be held in Seattle, WA- See you there!"



Yanet Milanes:

"Attending the AANA conference was an amazing experience. From attending scenarios for difficult airway management to practicing hands-on skills with point-of care-ultrasound, the conference offers a variety of workshops that enhances and solidifies student learning. The AANA conference was a great opportunity for professional networking while exploring the beautiful city of Chicago with classmates. Seeing all the Nurse Anesthetists come together at the conference was incredible. Looking forward to participating port yoar!"

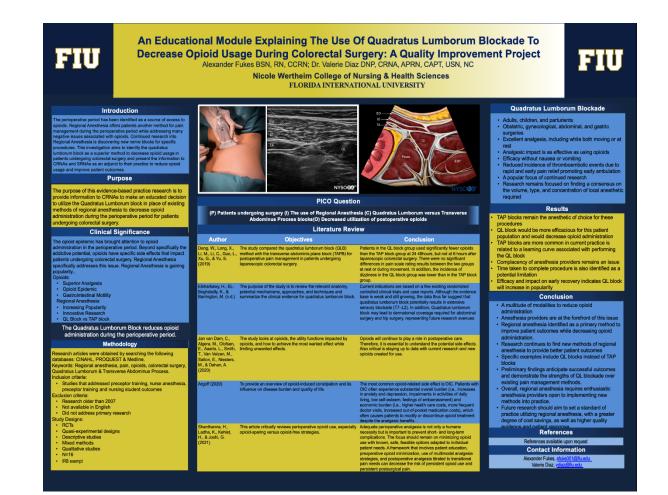
was incredible. Looking forward to participating next year!"

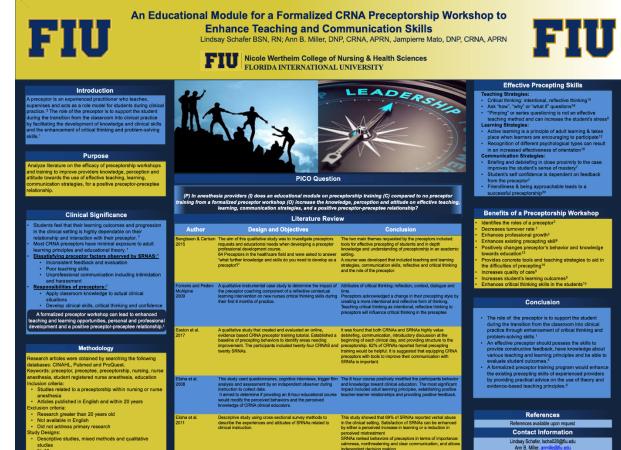


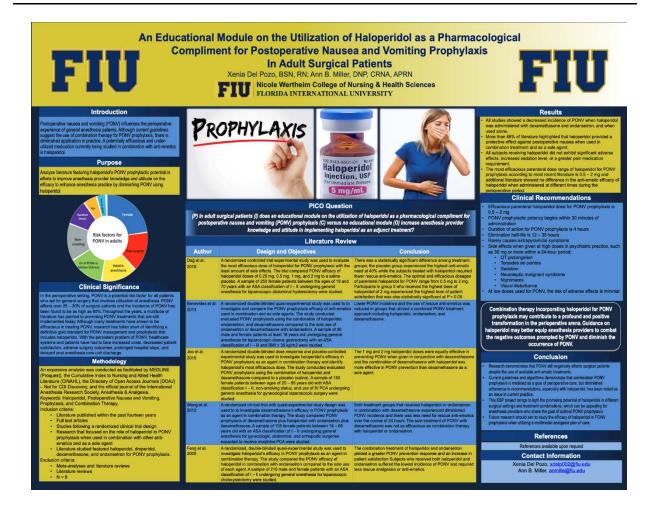
AANA Annual Congress FIU Posters

Presented by: Alexander Fukes, C/O 2022 Lindsay Schafer, C/O 2022

Xenia Del Pozo, C/O 2022







Clinical Spotlight: Dr. Heidi Ortega Broward Health Medical Center By: Ryan Covey, C/O 2023

Dr. Heidi Ortega is the chief CRNA at Healthcare Performance Anesco and practices at Broward Health Medical Center.

Why did you become a CRNA?

I started working in the ICU during a nursing shortage, so I was hired directly into the ICU with

critical care nurse internship program. It was perfect, combining classroom training and clinical preceptorship. The nurses in the ICU were all in their mid-forties and encouraged me to go back to school earlier than I probably would have done on by own. Every nurse I spoke to guided me in the direction of anesthesia.

What do you like to do in your free time?

I love to garden. I love the ocean, fishing, snorkeling, and scuba diving. I love to travel. I enjoy cooking and spending time with my family.

What is the most rewarding part of your job?

Being there for my patients to help ease their fear of anesthesia. Providing an excellent anesthetic so my patients do well, not only during but after surgery.

What is the most challenging part of being a CRNA?

The stress of dealing with very sick patients, making crucial decisions, being able to stay focused while also interacting as a team member during surgery, and production pressure. Be able to say stop, slow down, lets re-evaluate.

Is there any case that interests you the most?

Thoracotomies, vascular, and abdominal cases.

Do you have any advice for aspiring CRNAs?

Be the best that you can be at everything. Continue to learn daily and continue to push yourself not only at work but in life. Be kind. Be confident but humble.

How has becoming a CRNA changed your life?

Becoming a CRNA has given me a great appreciation for life. Treat everyday as it may be your last day. Enjoy every moment whether at work or home. Be present in the moment.

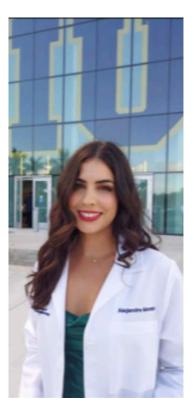
Lions, Tigers, and Clinical, Oh My! By: Alejandra Morato, C/O 2024 My name is Alejandra Morato, and I'm a first-year CRNA student. I had been in nursing for five years before starting CRNA school. At the peak of my nursing career, I was undoubtedly confident in my skills and competence to manage the care of the sickest patient in the intensive care unit. Then suddenly, as I entered clinical as a SRNA, my confidence was on the floor. I forgot how to introduce myself, how to communicate fluidly with my patients like I had been doing for years, and getting nervous as I connected my patient to the monitor in the OR! Ouch, this was no longer my arena. But I knew I was not alone and it would get better soon.

Starting my clinical experience as an SRNA was an incredible, intimidating, and humbling experience. I felt like I was starting from scratch again.

On the first day of clinical, I was there first thing in the morning, even before they had restocked the scrubs in the locker room. Why? Because who could sleep on their first day of clinical?! With that extra time in the morning, I made sure to familiarize myself with the new environment (as this would be my new home for the next couple of months), equipment, medications and dosages, and all the different tools I had never seen before. I introduced myself to everyone and offered help to make myself useful. I am grateful that the staff immediately made me feel comfortable and welcomed even though I felt out of place. As my clinical experience has progressed, the days feel much smoother, and I'm slowly feeling like part of the team!

The transition within the first couple of semesters, including incorporating clinical hours into the week and time away from studying, was a bit overwhelming and a difficult adjustment for me. My study habits and time management had to be modified a few times to get in that "flow."

For new students, my best advice would be to learn to let things roll off your back. Remind yourself that 90% of the battle is just showing up the next day. I know it may feel like you can't do it, but you can succeed. Stay focused and with your end goal in mind! Even the best students will have bad days. So, take a deep breath and take it one day at a time. Ask questions and don't be scared to say when you don't know something. Your preceptor will appreciate that. Finally, learn to be receptive to constructive criticism. This is a learning experience; every opportunity is meant to help us evolve into the amazing CRNAs we will be one day!



There is a Light at the End of the Tunnel By: Eduardo Subero, C/O 2022

Before we were immersed in the world of understanding G-Protein coupled receptors, deciphering the blood:gas solubility coefficients, and learning that suRAL is lateRAL, many of us were warned about the endeavor we were taking on, i.e. CRNA school. The advice we were given, painstaking to hear at times, rang in our heads over and over:

"It's the best decision I've made, but I wouldn't do it twice."

"It's the hardest thing you will do."

"It's a marathon, not a sprint."

"No one makes it through alone."

As we quickly found out, CRNA school pushes you to your limits. Between the exhaustion of waking up at 4:30 a.m. for most clinical days, the high-stakes exams, and the pressure to perform in clinical residency while juggling our personal obligations, we found ourselves questioning why we chose to pursue this level of insanity as a profession. However, as I navigated these thoughts, I

found solace in the aforementioned advice. My advice for future cohorts:

 Find a small solid group of friends you can rely on. No one makes it through alone. We all need support throughout this process and the best people to rely on are the ones who can truly sympathize with the pressures of this program. Look for the people who keep a positive attitude, are quick to tell you the stupid mistakes they made in clinical, are slow to brag, and keep you accountable.

2. Talk about your struggles. It's one of the hardest things you will do but can be the most vital. Make yourself vulnerable and available to your peers about your struggles. Ignore the feeling that other people may be ahead of you or are grasping concepts or skills easier than you are.

- 3. Reach out to the professors. It's a marathon, not a sprint, so who can best prepare you for this long race? Your professors. Although it may seem like they're the source of your hardships, the professors are there to help. They care about our success.
- 4. Remember that you are your harshest critic and don't take things personally. No one makes it through alone so don't become your own anti-hero. It's a process of learning and sometimes relearning everything we've been taught. If one thing doesn't click right away, take a breath. It will come to you.

The class of 2022 has defined resiliency between starting off during the height of the COVID pandemic, learning the basics on Zoom, and adjusting to program changes. I am incredibly proud and honored to be a part of this cohort.

To the incoming cohorts: we are here for you, use your mentors, and pay it forward when it's your turn.



Recipe: Easy Pumpkin Bread Loaf Recipe

Courtesy of Samantha Hermida, C/O 2023

Although it does not feel like fall here in South Florida, it is still fun to enjoy the fall traditions such as pumpkin-flavored anything and decorating around the house. This pumpkin loaf recipe is a crowd favorite, easy to make, and will be difficult to stop eating once you start. The recipe makes two loaves so feel free to halve the ingredients for one loaf (although it will be devoured so quickly you will probably need the two). Supplies: 9x5 loaf pan(s), two medium to large bowls for mixing, and a hand mixer or whisk.

Ingredients:

2 cups all-purpose flour

1/2 tsp salt

- 1 tsp baking soda
- 1/2 tsp baking powder
- 1 tsp ground cloves
- 1 tsp ground cinnamon
- 1 tsp ground nutmeg
- 1 ½ (3/4 cup) unsalted butter, softened
- 2 cups sugar (I prefer 1 cup white sugar, 1 cup brown sugar)
- 2 large eggs
- 1 15-oz can pumpkin puree

Step 1: Preheat oven to 350°F and grease/butter/spray the loaf pan(s).

Step 2: In a bowl, combine the flour, salt, baking soda, baking powder, cloves, cinnamon, and nutmeg until well combined.

Step 3: In a separate bowl, beat the butter and sugar until just blended. Add the eggs and beat until very light and fluffy. Beat in the pumpkin puree.

Step 4: Add the flour mixture to the wet ingredients and mix until combined.

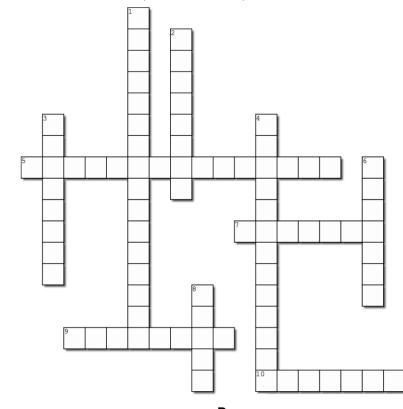
Step 5: Pour the batter evenly into two loaf pans (or bake one at a time if you only have one pan). Bake for 65-75 minutes, or until toothpick inserted into the center comes out clean. Let cool and enjoy!

A Crossword Puzzle That Will Put You to Sleep

Created by: Gianfranco Ratto, C/O 2023

Anesthesia Crossword

Complete the crossword puzzle below



Across

- 5. OSA gold standard diagnosis
 7. Factor 4- clotting cascade
 9. Strongest bond in chemistry
 10. Longest nerve in human body

Down

- hormone secreting tumor of adrenal medulla
 Dissociative anesthetic
- Michael Jackson
 Founder of the AANA
- 6. pH and temperature dependent process
- 8. Claw Hand



Produced by:

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