



## News from the Wayne State University **NURSE ANESTHESIA PROGRAM**



### SAVE THE DATE!

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#### **38th annual WSU Nurse Anesthesia Senior Seminar**

Saturday, May 30  
Somerset Inn  
2601 W. Big Beaver  
Troy, MI 48084

Earn CEU credits!

*To learn more or register, contact:*

Prudentia Worth  
aa1635@wayne.edu, 313-993-7168

Mary Walczyk  
ac6415@wayne.edu, 313-577-7689

### WE ARE NOW A DNAP PROGRAM!

Thanks to the hard work and persistence of Program Director Prudentia Worth, the Wayne State University Nurse Anesthesia Program transitioned to the Doctor of Nurse Anesthesia Practice (DNAP) in the fall of 2019, when we admitted our first DNAP cohort.

The DNAP degree is 36 months, designed to offer registered nurses an advanced education and full scope of practice as a Certified Registered Nurse Anesthetist (CRNA). Graduates will also meet the requirements for the National Certification Examination (NCE).

The Nurse Anesthesia program has provided quality anesthesia education for more than 50 years and with over 1,000 graduates practicing in Detroit Metropolitan area hospitals. The program has more than 20 Michigan-based clinical sites.

The program is housed in the Eugene Applebaum College of Pharmacy and Health Sciences, one of the founding colleges of Wayne State University.



# HONORING JOHN NAGELHOUT ON HIS RETIREMENT FROM TEACHING

By Prudentia Worth, Program Director

Retired instructor and Certified Registered Nurse Anesthetist (CRNA) John Nagelhout was the first CRNA in the country to earn a dual degree in two separate areas of study, when he achieved his doctorate in Pharmacology from Wayne State in 1985. He taught two Pharmacology courses for the Wayne State Nurse Anesthesia program until he retired in 2018.

In 1996, John left Wayne State to become director of the Kaiser Permanente School of Anesthesia in San Diego, but he continued teaching Pharmacology to Wayne State students from his classroom in California. In addition, his teaching expanded to over 20 Nurse Anesthesia programs across the country.

In 2002, Dr. Nagelhout was honored with the Program Director of the Year Award from the American Association of Nurse Anesthetists (AANA).

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*“Dr. Nagelhout has left us all a legacy that we were privileged to experience, and his contributions to teaching and ensuring the future of our profession will continue to be appreciated for decades to come.”*

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John was so committed to student learning, as well as to giving back to the program. This was evidenced by his provision of in-depth, personally prepared pharmacology manuals mailed directly to the program for each term in which he taught. In addition to the manuals, students also had access to the videos he prepared for each of his classes. For more than 22 years, John never requested payment for his teaching or the manuals sent to the program each semester before his scheduled lectured times.

With an understanding of how adult learners learn, John had the ability to streamline a complex concepts with clarity and ease of understanding. In addition, students were also provided examples on how to connect classroom concepts into clinical practice.

As a clinician, researcher and academician, John became acutely aware of the importance of the essential components of textbooks necessary to stimulate adult learners. Without losing the scientific component and recognizing the need for a comprehensive anesthesia



**JOHN NAGELHOUT, PHD, CRNA, FAAN**

John Nagelhout taught two pharmacology courses for the Wayne State Nurse Anesthesia program until he retired in 2018.

John received his anesthesia education at Virginia Commonwealth University, the Medical College of Virginia, in Richmond. He earned a master's and a PhD in Pharmacology from Wayne State. He practiced anesthesia at Detroit Receiving Hospital for over 20 years before becoming director of the Kaiser Permanente School of Anesthesia in San Diego.

textbook, John is the author of the Nurse Anesthesia textbook, now as a 6th edition. The textbook emphasizes scientific principles with emphasis on the varying types of surgical procedures students would experience during their education and training. In addition to the textbook, John has also authored a Nurse Anesthesia handbook practitioners can have available for quick reference to surgical procedures, unusual diagnoses and/or preferred anesthesia care.

I think that it is only fitting to ask Jessica Phillips, a recent Wayne State Nurse Anesthesia graduate in the process of completing her PhD in pharmacology, to end this story of a very special friend, colleague and educator. On the facing page are her thoughts on John's influence on her as a student.



**JESSICA PHILLIPS**

*MSNA 2018  
PhD in Pharmacology expected 2020  
Wayne State University*

"Dr. Nagelhout had a significant impact on my life as a student. Like thousands of other nurse anesthesia students, knowing the central importance of pharmacology to this field, it was one of the classes I was most intimidated to take. Pharmacology can be a very complex area of study, yet Dr. Nagelhout has the innate ability to take convoluted topic areas and simplify them, a rare quality that was much appreciated in his classes. I was lucky to have him as an instructor and his cheerful disposition as well as straightforward teaching style really influenced how I interact with students.

"It was his commitment to helping others learn that made me want to follow in his footsteps and become the first student enrolled in Wayne State's PhD in pharmacology through the School of Medicine in association with the Nurse Anesthesia program. Dr. Nagelhout has left us all a legacy that we were privileged to experience, and his contributions to teaching and ensuring the future of our profession will continue to be appreciated for decades to come."



## WSU STUDENTS WIN STATE QUIZ BOWL

On Oct. 5, 2019, Wayne State Nurse Anesthesia students participated in the Quiz Bowl at the Michigan Association of Nurse Anesthetists (MANA) fall conference in Grand Rapids. The team consisted of Justin Bielby, Lauren Krall, Adrienne Osborne, Layale Makki and Ryan Twilley, who competed through two rounds to advance to the championship round against the University of Detroit Mercy. With one question to go, WSU was down one, and correctly answered the final question. The tie-breaker question asked about pathological Q waves, which was exactly what the senior Nurse Anesthesia students had learned about the prior week in Assistant Clinical Professor Valdor Haglund's class! The team answered correctly and won the Quiz Bowl trophy.

## WAYNE STATE NURSE ANESTHESIA FACULTY

**Prudentia Worth**  
Program Director  
Assistant Professor (Clinical)

**Hassan Chaaban**  
Adjunct Assistant Professor

**Christopher Gill**  
Assistant Professor (Clinical)

**Valdor Haglund**  
Assistant Professor (Clinical)

**Phil Mangahas**  
Adjunct Assistant Professor

**Jessica Ouyang**  
Adjunct Assistant Professor

**Jessica Phillips**  
Assistant Professor (Clinical)

**Joanne Rush**  
Assistant Professor (Clinical)

**Mary Walczyk**  
Assistant Professor (Clinical)

**Georgia Young**  
Assistant Professor (Clinical)

*If you'd like to get in touch, please feel free to contact Program Director Prudentia Worth at [aa1635@wayne.edu](mailto:aa1635@wayne.edu) or 313-993-7168.*



**CPHS.WAYNE.EDU/DNAP**



## OUR MISSION

The mission of the Wayne State University Nurse Anesthesia program is to build on the theoretical foundations of nursing and to provide new and advanced knowledge in understanding the science and art of nurse anesthesia practice. The program promotes research activities to enhance the knowledge and understanding of best practices essential to the delivery of quality and safe anesthesia practices to diverse patient populations.

## OUTCOMES

Graduates of the program will be able to:

- Meet all terminal behavioral objectives of the educational program to perform as safe and competent anesthetists.
- Deliver anesthesia services to all patient population, including specialty services as trauma, pediatrics, obstetrics, and cardiovascular services.
- Demonstrate the required knowledge and competencies to be employed in diverse practice settings including rural hospitals to provide quality and safe anesthesia care to specialized patient populations.
- Participate in quality management and process improvement activities.
- Participate in state and national educational activities essential for ongoing professional growth and development.



Nurse Anesthesia Program  
Wayne State University  
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*Update your mailing address, provide your email, or tell us where you're working now so we can send you future news!*



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