



# DukeNursing

Advancing Nursing Education, Research and Clinical Practice



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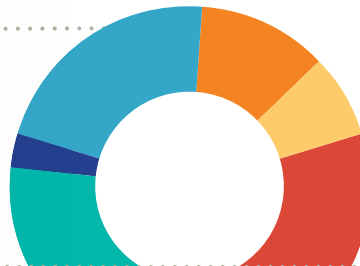
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## Evolving Education for the Next Generation of Nurse Leaders

Happy 2018! I hope your holidays were spent with those you love and that you found some time to refresh yourself before facing the demands of a new year and a new semester.

As one of our new year's resolutions, we are changing the look and feel of our magazine. *Nursing Magazine* was published more than a decade ago. Over the past 11 years, the magazine showcased some of the wonderful accomplishments of our alumni, students and faculty. We also hope we shared some interesting and thought-provoking insights to the many aspects of life here at Duke University School of Nursing.

In this issue of *Duke Nursing*, we examine a variety of ways we are evolving education for the next generation of nurse leaders. Nursing science and health care are changing at a mind-boggling pace. In many respects, we are measuring the pace of this change in terms of months, not years. The question for us is, how do we educate the next generation of clinicians, educators and researchers in order to keep pace?

I invite you to take a glimpse at our approach to evolving our curriculum through the strategic addition of new majors and specialties. As the health care needs of society change, nurse leaders must have the complex knowledge and advanced technical skills to address those needs. Over the past three years, we have added six new areas of academic study for our MSN and DNP students.

Being both classroom-based and distance-based, the challenge for many of us is how to help

our distance-based students feel connected to faculty and their fellow students. Through our use of telepresence robots and on-campus intensive learning sessions, we are helping to bridge geographic and interpersonal distance barriers while supporting engaged and successful learning.

Our *Behind the Scrubs* feature will give you a glimpse at how we are evolving our physical space to meet the needs of health care's next generation. Our Board of Trustees approved the design of a new five-story, 102,000 square foot addition to our School that will serve as a unique partnership between the School of Nursing, School of Medicine's Division of Physical Therapy & Department of Orthopedic Surgery and the Duke Health Center for Inter-Professional Education.

Finally, I hope you will take a few moments and learn how we have established the only nationally accredited nursing simulation program in North Carolina and are integrating advanced simulation education across our clinical MSN and DNP-Nurse Anesthesia Programs. With nine Certified Health Care Simulation Educators (CHSE) and many more of our faculty preparing for this rigorous examination, we have embraced the expanding role of simulation education in today's nursing curriculum.

I wish you continued success in 2018.

**Marion E. Broome, PhD, RN, FAAN**Dean and Ruby Wilson Professor of Nursing,  
Duke University School of Nursing

Vice Chancellor for Nursing Affairs, Duke University

Associate Vice President for Academic Affairs for Nursing,  
Duke University Health System

# Behind the Scrubs

## Approved Design Creates Truly Interprofessional Learning Space

At its December meeting, the Duke University Board of Trustees gave final approval for a new five-story, 102,000 square foot addition to the Duke University School of Nursing (DUSON). The new building will provide unique interprofessional learning spaces for DUSON, the School of Medicine's Division of Physical Therapy and Department of Orthopedic Surgery while providing offices for the new Duke Health Center for Interprofessional Education (IPE).

Half of the building is expected to be used by DUSON and the Duke Center for IPE with the remaining space used by the Division of Physical Therapy and Department of Orthopedic Surgery. The building will feature flexible classroom and meeting spaces, a standardized patient simulation suite, space for additional offices and student support services, as well as DUSON's new Office of Diversity and Inclusion.

The new building is expected to be available for occupancy in the fall of 2019.





# Telepresence Robots | <.....





“Patient care is a team sport. Our job...is to give people the tools to communicate... lead teams and get the information they need to make safe decisions for patients...”

## New Ways to Engage Student Learning

Two Accelerated Bachelor of Science of Nursing (ABSN) students enter a simulation lab to begin an assessment and treatment of a pediatric patient when the child’s status suddenly changes. As they would in a real-life situation, they summon the on-call provider. Minutes later, the provider, an advanced practice nursing student who knows nothing about the case arrives – but not in the traditional sense. The provider is actually hundreds of miles away and has logged in to JaMMeR – a telepresence robot parked in the Center for Nursing Discovery (CND), and steers it into the simulation room to begin the consultation.

The advanced practice student on JaMMeR is a member of the acute care pediatric nurse practitioner program, taught by **Rémi Hueckel, DNP’11, MSN’96, CPNP-AC, CHSE, FAANP**, assistant professor and lead faculty. Hueckel piloted the new technology in the summer of 2015, when DUSON colleagues Jacqueline Vaughn, BSN, RN, CHSE, clinical instructor; Margie Molloy, DNP, RN, CNE, CHSE, assistant professor and director for the CND; and **Ryan Shaw, PhD’12, RN**, associate professor, first brought the technology to the school.

The JaMMeR, essentially an iPad mounted on a rolling stick, allows Hueckel’s students, all of whom are distance-based, to be present and interact in on-campus simulations. Through JaMMeR, however, her students receive only visual and audible information and never physically touch the patient. One of the things Hueckel has discovered over the past two years using JaMMeR is that it allows the instruction and the students’ learning to focus on what is arguably the most important facet of nursing: communication.

“Patient care is a team sport,” Hueckel says. “Our job as educators is to give people the tools to communicate, to be able to lead teams and get the information they need to make safe decisions for patients...when there are errors in the hospital, those most often come down to miscommunication.”

In the years since DUSON added JaMMeR to its list of classroom technologies, it has developed into an invaluable teaching tool for pre-licensure students as well. Nancy Crego, PhD, RN, CCRN, CHSE, assistant professor in the ABSN program, uses JaMMeR with her students



“Accuracy is critical to nursing care and communicating with another provider digitally requires a heightened attention to detail and verbal clarity.”

in simulation labs at the end of the second semester, when they are just starting to apply their learning in clinical settings.

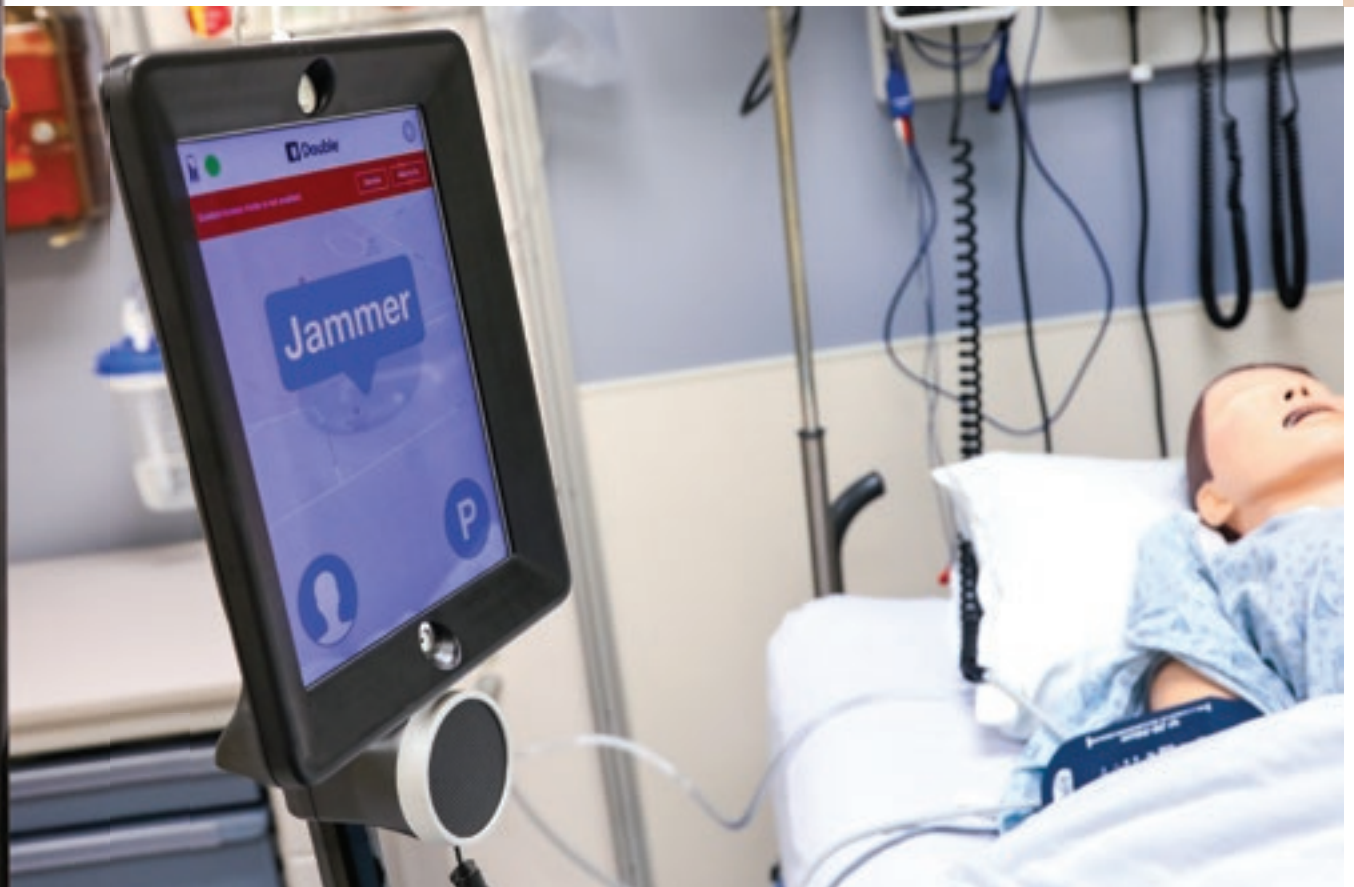
“It has really forced my students to take a hands on approach,” Crego says. Because the on-call provider joins the nurses digitally, Crego’s students are the ones who have to administer the actual nursing care and assessment. “There is nobody who is going to come and double check if they did hear wheezing, or lift the patient and position them correctly. The person [on JaMMeR] can help them through that and provide some guidance, but the onus is on [my students] to do that.”

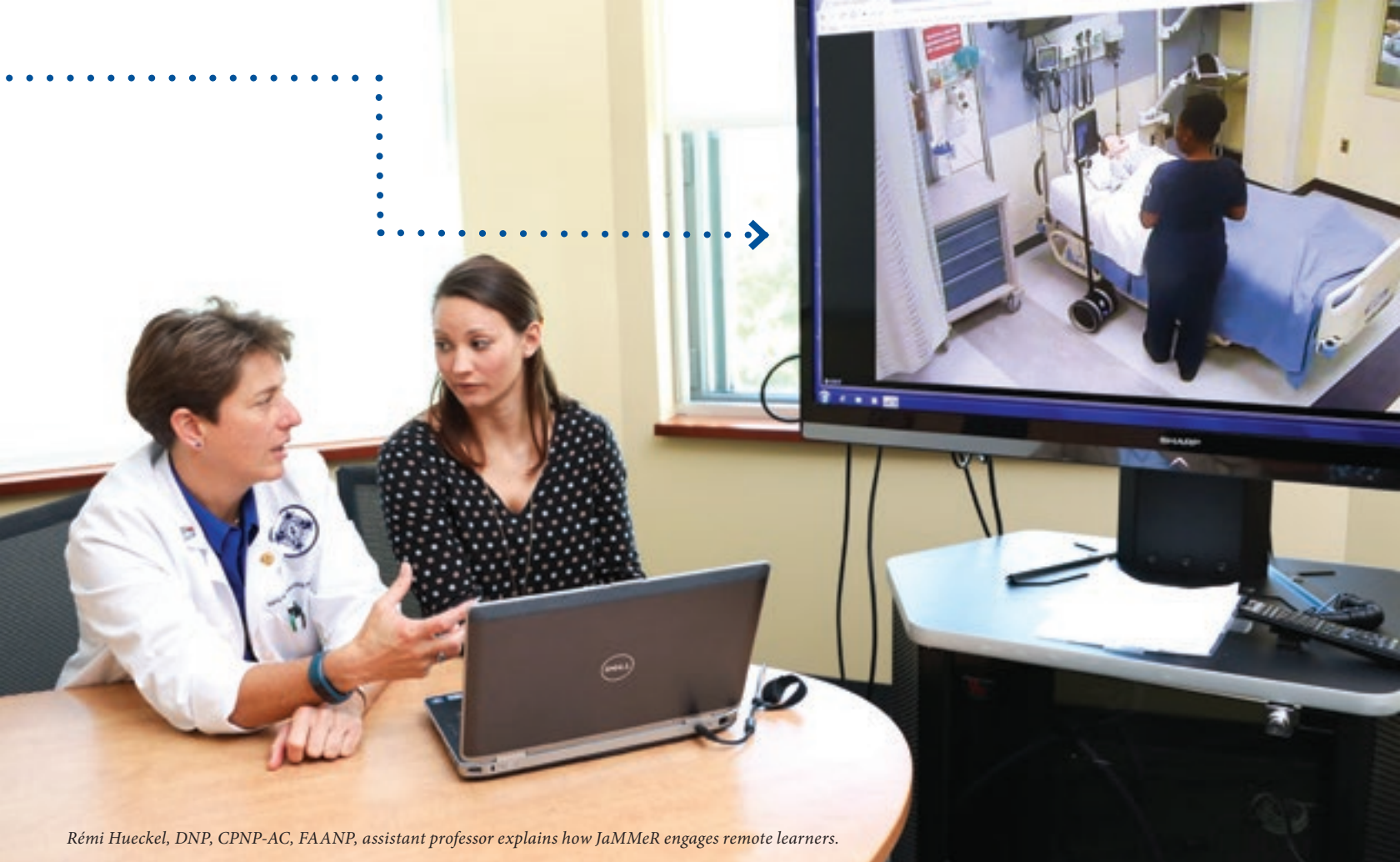
Accuracy is critical to nursing care, and communicating with another provider digitally requires a heightened attention to detail and verbal clarity. If a problem develops, the advanced practice students can’t just jump into the simulation and

do it themselves, Hueckel says. They have to coach the ABSN students who are physically present in the simulation lab, and make sure their inquiries and directions are communicated accurately and effectively.

“This approach has facilitated learning because what we’ve seen is, as students transition into new and possibly unfamiliar roles, when challenged, they can sometimes fall back into the comfort zone of their previous role,” Hueckel says. Her students having a digital, instead of physical presence that makes that tendency impossible. Even on occasions when her students come to Duke’s campus, Hueckel says she still requires them to use JaMMeR. “I still make them do it remotely because there is value in learning how to verbally coach somebody through something.”

On the other side of JaMMeR’s screen are





*Rémi Hueckel, DNP, CPNP-AC, FAANP, assistant professor explains how JaMMeR engages remote learners.*

the ABSN students who are in the lab engaging with the distance-based student. These students must find the confidence in this situation to step up to the plate, Crego says. Communication can be even more tricky in pediatric nursing because often there's more than just the patient and provider present, Crego says. There could be parents, grandparents or siblings in the room, and communicating with the patient depends on the developmental stage of the patient. Treating a 2 year-old is very different than treating a 16 year-old.

Crego says her students really rely on the guidance from the pediatric nurse practitioner students, who have real experience as nurses treating pediatric patients. Hueckel says it gives her students the opportunity to use that knowledge in a consulting role. "These are students teaching students," Hueckel says. "It's a place where they can ask questions they might not ask if faculty

were in the room. And it's empowering for the nurse practitioner students because they gain confidence."

Currently, these pediatric simulations are the only time the telepresence robot is used as a virtual provider. Crego says she runs about four simulations a day with JaMMeR for a two-to-three week period at the end of her students' second semester.

One of the most invaluable benefits of JaMMeR simulations has been the debrief Crego says, when the student on JaMMeR virtually joins the ABSN students in the room after the simulation. In addition to the normal clinical questions, Crego says the ABSN students ask the nurse practitioner (NP) student more subtle questions about how to deal with uncomfortable situations such as when a parent keeps interjecting and won't allow the child patient to speak for themselves. The NP student can share personal nursing experiences with the

pre-licensure students, and Crego believes those go a long way.

"It's taken in a different light when it's a clinical practitioner who they don't know is sharing with them that type of information," Crego says. "We can tell them, but they might be a little skeptical." This type of student-to-student interaction is a huge plus, she says.

Hueckel agrees and adds that JaMMeR frees the instructor to observe the simulation, without interjecting himself or herself into the case. "It does allow me to see the bigger picture of what's going on. I don't have to play the role of the provider and simulate managing the patient as well," Hueckel says. "That has allowed me to identify communication as a primary goal of the education."

For Crego's students, when some of them first hear about JaMMeR, they can be skeptical of it being too fake. But they come back and say they love it, Crego says, and that it



“JaMMeR goes beyond...Skype or FaceTime, the student... can steer him or herself around the simulation lab, raising and lowering the screen.... The mobility allows for autonomy.”

feels more real in some ways. The JaMMeR goes beyond someone being on Skype or FaceTime because the student logged in to JaMMeR can steer him or herself around the simulation lab, raising and lowering the screen, moving in close or backing up. The mobility allows for autonomy. Hueckel says because her students are distance-based, they are comfortable logging in to listen to a lecture, or have a group chat. They love the added dimension that JaMMeR offers.

“They have a physical presence with this. They’re not lost in the room,” Hueckel says, noting that because the remote person isn’t at the mercy of whomever is holding the device, it changes the dynamic. For example, in one simulation, one of the individuals acting as the mother of the patient was becoming stressed. The nurse practitioner student on JaMMeR rolled in closer and lowered the monitor so she was eye level with the actor playing the mother. Hueckel says in the debrief the ABSN students were amazed at how the acting NP was able to model that important behavior, realizing they had all been standing over the mother and patient.

With any technological tool, problems arise, Crego says, but they are minor glitches, like dropped internet service or a drained battery, which can make the device “pass out.” But those instances are few and far between. One limitation of the device is that it can’t bend over to look at something from the top, so students have to make adjustments sometimes. Overall, however, the challenges are minimal.

Both faculty members say the potential of the technology far outweighs the challenges. Hueckel says she would love for her students to be able to participate via JaMMeR in

some of the opportunities in other schools on campus, specifically interdisciplinary clinics with the School of Medicine, and the Physician Assistant and Physical Therapy programs at Duke. “There are options we are looking into in order to have more of a school of nursing presence in some of these situations where we haven’t before,” Hueckel says.

Crego says JaMMeR has enabled her to interact with many of the master’s level students and instructors, which enriches her own teaching and perspective. Crego says she sees lots of opportunities to use JaMMeR outside of the simulation labs, such as in hospital settings for children with long-term illnesses who would be able to “attend” classes. Professionally, Crego says it is great for colleagues that can’t come to campus to be able to use JaMMeR to participate in an event or meeting.

Currently, DUSON has two JaMMeRs, the second used as a backup, but more would be welcomed.

As the future of healthcare includes more and more technology, educating students using the telepresence robot prepares them even more thoroughly for nursing careers, Hueckel says. “Increasing access to care sometimes means that you can’t put a provider everywhere,” she says, noting that many practices now use telemedicine or telehealth technologies. Digital healthcare in general is not just the wave of the future, but happening right now, Crego says, and JaMMeR gives students one more way to be on the cutting edge. “I see it helping students — whether they’re pre-licensure or advanced practice — to be comfortable with all these things that are going to become more readily available and that our patients are going to expect.” ■





# Simulation

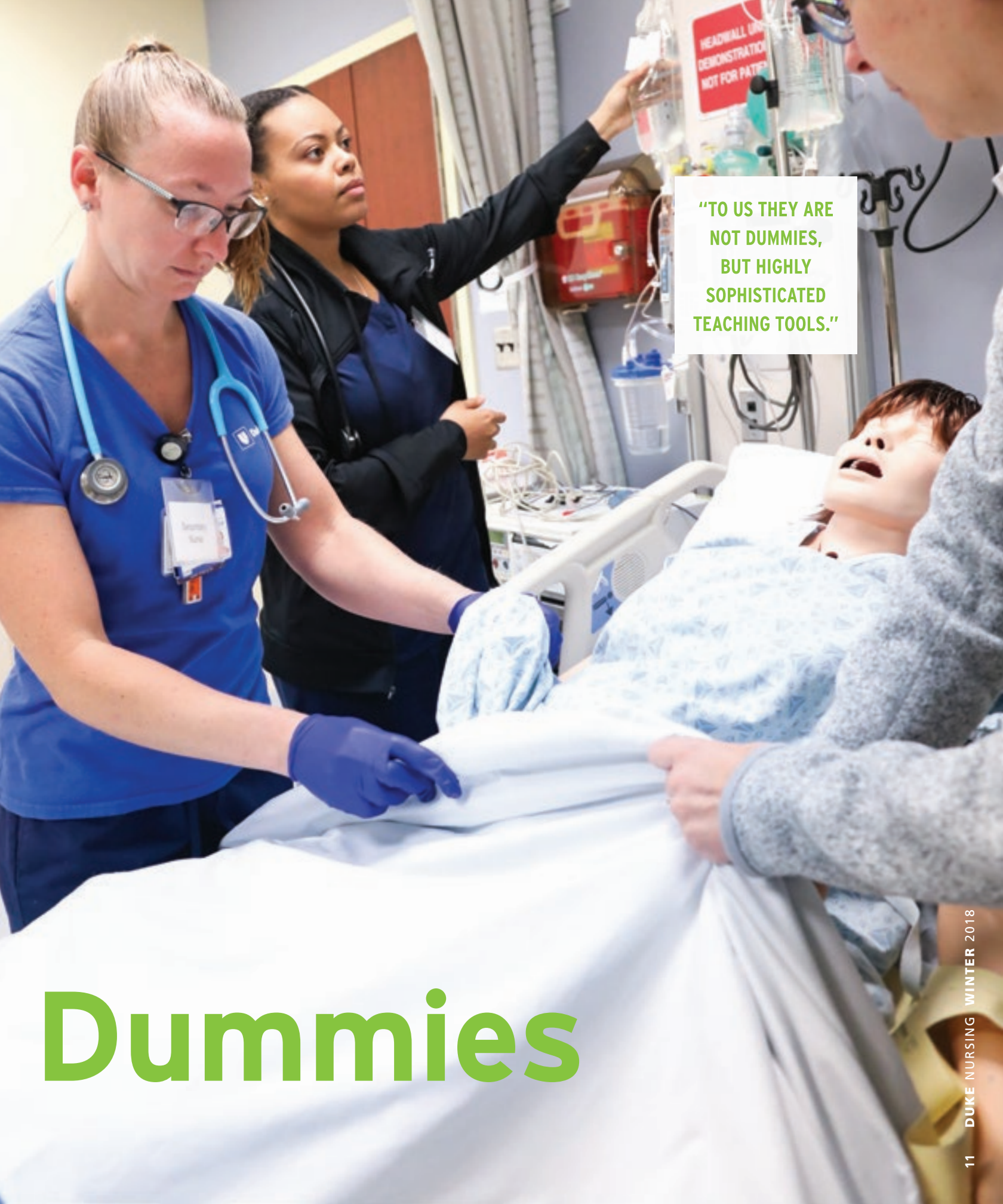
## *Education*



A

t one time or another, most nursing students at Duke will come in contact with a dummy. Her name could be Victoria, and she might be about to go into labor. If all goes well, and even if it doesn't, Victoria will live to see another day, and another, and another. Victoria is just one of our simulation manikins – part of our family, says Margie Molloy, DNP, RN, CNE, CHSE, assistant professor at Duke University School of Nursing (DUSON) and director of the Center for Nursing Discovery (CND).

*Isn't for*



"TO US THEY ARE  
NOT DUMMIES,  
BUT HIGHLY  
SOPHISTICATED  
TEACHING TOOLS."

# Dummies



**“THIS (SIMULATION EDUCATION) IS ESPECIALLY IMPORTANT FOR HELPING STUDENTS MASTER COMPETENCIES FOR HIGH-RISK, LOW FREQUENCY EVENTS.”**

“People are oftentimes very curious about what is going on and what we are doing,” Molloy says about the simulation lab, which will often display the manikins, like Victoria, around the School during open houses. “We want them to see this aspect of how we are educating our students.”

While most nursing schools today offer simulation as part of their education, DUSON is the only nursing school in North Carolina, and one of several in the country, to have received a five-year accreditation by the Society for Simulation in Healthcare and the Council for Accreditation of Healthcare Simulation Programs in the area of Teaching/Education. The CND received this special certification in January 2017.

“It (accreditation) gives you credibility in the field,” Molloy says. “It confirmed that we were on the right track with our

approach to simulation education, and the accreditation process encouraged us to examine our existing policies and procedures and identify areas where we were not strong. We then put into place changes to strengthen them.” One of those areas was facilitator training. Since the changes, the school now has nine Certified Health Care Simulation Educators (CHSE) and offers training to those interested in receiving those credentials. “From what we understand, we have the most CHSEs of any institution that we are aware of,” Molloy says.

Nursing students across the ABSN, MSN and Nurse Anesthesia programs use the simulation lab to augment their clinical and classroom education. A study done by the National Council of State Boards of Nursing provides substantial evidence that with well-trained facilitators, simulation experiences

can be effectively substituted for up to 50 percent of traditional clinical experiences.

The benefit of simulation labs is that instructors can replicate whatever health event they wish, and all students can have the same experiences. This is especially important for helping students master competencies for high-risk, low frequency events. For instance, if clinical instructors want to teach students about patients suffering a heart attack, or a mother in labor, they are at the mercy of the real world. “If there are no babies in the hospital to be delivered, you can’t deliver a baby,” Molloy says. The simulation lab allows education to happen regardless of what situation presents itself in a close to real-life clinical setting.

Realism is a main goal of simulation. “We as a staff were given the opportunity



to really design this space,” Molloy says of the school’s 2014 expansion. “We put our heart and soul into this place and we helped design a layout that really worked with the multiple programs we have here.” With a nurse’s station, two operating rooms, an obstetrics area and several general simulation rooms, the CND covers a gamut of realistic learning opportunities.

Molloy says making sure students feel comfortable and safe in the simulation labs is another goal. Especially for students who have never been in a simulation lab, or worked with a high-fidelity manikin, the experience can be quite daunting. So briefings before the simulation can be just as important as the debriefing afterward, Molloy says. “We give them a tour of the space. We tell them how they can contact a healthcare provider if

they need one during the simulation,” Molloy says. “We try to increase their comfort level when participating in the lab and emphasize that our universal goals of teamwork and communication are really very important.” Feeling secure in the lab over time translates to feeling secure in the real world. “We really promote psychological safety,” Molloy says. “Hopefully the mistakes, if you make them in the sim lab, won’t be the same mistakes made in the patient care area.”

The use of simulation has grown exponentially over the past decade, when only a handful of courses applied this technology as an education tool. Now simulation is a component of almost every clinical course. “It’s very deliberate,” Molloy says. “Our simulations match the content of what our students are receiving in the classroom

didactically; they bring what they are learning to the sim lab for practice.”

And using simulation for inter-professional education is one of the greatest benefits of the lab, Molloy says. Bringing multiple disciplines together in the same room to practice patient care is a win-win situation. One such example of this effort is the “Blending of the Blues Program” organized through Duke AHEAD, (Academy for Health Professions Education and Academic Development), which brings together health professions faculty from the University of North Carolina (UNC) at Chapel Hill with those from Duke. Because UNC offers programs Duke doesn’t in pharmacy and training of x-ray technicians and auditory speech therapists, for instance, it’s a unique opportunity for multi-disciplinary professional interaction.



**“FEELING SECURE  
IN THE LAB  
OVER TIME  
TRANSLATES TO  
FEELING SECURE  
IN THE  
REAL-WORLD.”**

“It gives us an opportunity to work with faculty who are outside of our traditional programs here at Duke,” Molloy says. “We have ongoing sessions with other educators and we get to know them and their programs.”

For DUSON students, simulation can also bring together students from the School of Medicine and other health professions programs here on campus. “Nurses hold onto a lot of myths about other disciplines,” Molloy says, noting that nursing students

may not be familiar with how medical students are trained. Bringing them together in a simulation is a great way to grow mutual understanding. “I think each discipline enjoys hearing and learning from each other.”

Molloy says as lifelong learners, she and her colleagues are always looking to adopt new and best practices. She is interested in understanding if, and how, simulation training positively

affects patient outcomes. “It’s almost a burning question for us sim educators now,” she says.

“We know the students are learning, and they engage with our simulation manikins in a very unique way. To us they are not dummies, but highly sophisticated teaching tools. Our students truly enjoy this style of hands-on learning, but the next step will be to know we are making a difference in patient outcomes.” ■



## Lead with us

## Support the Annual Fund

*"Nurses continue to be essential to the future of health care in America, and we are big believers in supporting the #1 graduate nursing school in the country. We are resolute to 'paying it forward,' and our membership in the Bessie Baker Society allows us to help develop the future nursing leaders America needs. As alumni, Duke University and Duke University School of Nursing have shaped our lives with opportunity and they will continue to receive our unwavering support. We hope our commitment will inspire others to consider becoming Bessie Baker Society members."*

**Brett Williams, T'81**

**Marianne Williams, BSN'81**



The Bessie Baker Society honors individuals who make an Annual Fund gift of \$1,000 or more to the School of Nursing. Your gift to the Duke University School of Nursing Annual Fund will make a substantial difference in the lives of future nurse leaders. Show your support today.

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 **Duke University School of Nursing**

# It's Not “BUSINESS AS USUAL” When Developing New Curriculum

**F**or the Spring 2018 semester, master's students at Duke University School of Nursing (DUSON) will have the opportunity to enroll in a new major: Psychiatric Mental Health. It's the eighth and latest major offered for nurse practitioner students, following closely on the heels of the Women's Health major, which was added three years ago. The Master of Science in Nursing (MSN) program has also recently added two new specialties: Endocrinology and HIV/AIDS, and a pediatric mental health specialty will be launched in the near future.

This uptick in new major and certificate offerings is no accident. Specialty nursing is more and more prevalent, and DUSON is “aiming to identify community health care needs and respond proactively to meet those needs,” said **Beth C. Phillips, PhD, MSN'93, RN, CNE**, associate professor and interim director of the Institute for Educational Excellence.

“To think about why we do a new program — it's not because we have a faculty member who would be great at it, so let's create a new program,” Phillips said. “We create a program based on community need — local, national or global.” The newest major, for example, was added after we recognized there was a scarcity of mental health providers in the state. Behavioral concerns and the addiction crisis in our country demanded a more advanced and skilled workforce in nursing.

The program emerged from tracking legislation, examining the literature and identifying other programs and providers to see what needs were being met by the health care community already, and what needs weren't. It can be a long process, Phillips said, with vetting by faculty



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and staff, hiring credentialed and experienced faculty and identifying appropriate clinical sites. Ultimately, the approval of the faculty is needed and financial resources must be provided by the Dean to support the program start-up.

“Any curriculum in place must evolve,” said Michael E. Zychowicz, DNP, ANP, ONP, FAAN, FAANP, professor and director of the MSN program. “It needs to be reflective not only of current societal needs, but future needs based upon trends we’re seeing,” such as the slow but steady movement of Advance Practice Registered Nurses (APRN) into specialty and even sub-specialty areas (i.e. HIV, Endocrinology, etc.) of practice, he said. “That trend really necessitates that we create these types of specialty education programs, so we can do our part to ensure that students who go into specialty areas have the formal training they need.”

While there has been a move nationally to standardize APRN education within broader defined population areas – family care, for instance – the specializations within those broader population areas are just as important. “When graduates are seeking specialty practice positions, these concentrations help them prepare, and when interviewing, it helps differentiate them from the competition,” Zychowicz said.

Practicing in primary care with a specialty can be very effective, he said. “For instance, maybe you’re a primary care pediatric nurse practitioner (NP) and you want to be educated and have additional preparation on how to take care of children with Attention Deficit Disorder or depression or anxiety.” Pediatric patients in need of mental health care might not make it to a psychiatric clinic, but having a primary care nurse practitioner with that specialty can help treat those patients in that setting. “We bring a niche area of knowledge into primary care,” he said.

A student enrolling in the MSN program has several opportunities to find his or her niche as a nurse practitioner. He or she first chooses one of the eight NP majors and then has the option of choosing a specialty. There are course requirements, and a formal clinical rotation requirement that must be met to earn the specialty certificate.

Veterans health care is an area of particular focus at DUSON. Through a unique partnership with the Durham Veterans Administration (VA), issues surrounding veterans care are woven through the MSN curriculum. The initiative, partially funded by a five-year grant, allows APRN students to access preceptored clinical experiences at the Durham VA to provide care to veterans. Additionally, new APRN graduates have a unique opportunity to further their veteran health care education through innovative psychiatric mental health and primary care nurse practitioner residency programs created in partnership between DUSON and the Durham VA.

“The VA helps to inform our curriculum in the master’s program with regard to veterans’ health care,” Zychowicz said. Because many veterans receive their health care from primary care providers in their community, it gives APRNs a leg up to have had cursory education on their specific veteran’s needs. “All of these things add to the uniqueness and signature of our school.”

Being aware of societal demands and health care trends as the school looks to the future is an ongoing challenge the MSN program continually strives to meet. “It’s very important to stay current and focused to address the health needs of our population,” Phillips said. “There’s always a new disease, new health problem, new treatments and new population needs. In addition, it is critical our graduates are

**“WE CREATE A PROGRAM BASED ON COMMUNITY NEED – LOCAL, NATIONAL OR GLOBAL.”**

prepared to promote wellness and disease prevention.”

“This is the evolution of nursing education, we are never really finished if we want the students who come to us for their education to be prepared not just for today, but for the future,” she said. ■



# NEW COURSE INFORMATION

## HIV/AIDS Specialty for Nurse Practitioners

First accepted students:  
Fall 2014

Lead Faculty:  
**James “Les” Harmon,**  
DNP’12, RN, ANP-BC, AAHIVS  
Associate Professor



The HIV/AIDS specialty is designed to prepare nurse practitioners to provide the full spectrum of primary care for people with HIV. In addition to the general NP curriculum, the HIV specialty students complete 392 clinical hours with a preceptor in an HIV clinical setting, along with course work in HIV clinical management; HIV psychosocial, political, legal and ethical issues; HIV epidemiology and pathogenesis; and HIV pharmacology.

According to Dr. Harmon,

*“The first generation of HIV health care providers is now aging and retiring, and over time HIV has evolved into a manageable chronic disease. This has resulted in a workforce need for more health care providers skilled in both HIV and general primary care. Our program at Duke, which is the only distance-based program of its kind in the United States, is designed to fill that need.”*



## Women’s Health Nurse Practitioner

First accepted students:  
Spring 2015

Lead Faculty:  
**Kathryn J. Trotter,**  
DNP’12, CNM, FNP-C,  
FAANP, FAAN  
Associate Professor

Already known to be comprehensive and rigorous, students remark how supportive it is at Duke with a mentorship program and fun on-campus group activities. The program’s coursework combines broad foundational and interdisciplinary knowledge with specialty knowledge essential for the unique

health needs of women. There are opportunities for adolescent population focus, infertility, high-risk pregnancy, lactation support and the women veteran population. This is the only program in the country which includes Centering Pregnancy® group facilitation training as part of the curriculum.

According to Dr. Trotter,

*“Women’s health is so important to the health of children and families. Since women have unique needs and healthcare issues, this program fulfills the real need to educate providers who can assist to provide exceptional women’s healthcare.*

*I was motivated to accept the challenge of creating the Women’s Health Nurse Practitioner program by both my own passion to provide women’s healthcare, as well as hearing from several nurses in North Carolina, and current and previous nurse practitioner students who wanted more training in the field.”*



## Endocrinology Specialty for Nurse Practitioners



First accepted students:  
**Fall 2016**

Lead Faculty:  
**Kathryn E. Kreider,**  
DNP'13, APRN, FNP-BC  
Assistant Professor

The Endocrinology Specialty for nurse practitioners is the first program of its kind in the world. This three-course specialty program is integrated within the Duke University School of Nursing graduate nursing programs and designed to provide theoretical and management skills for NPs to deliver care to adult patients with complex diabetes management and general endocrine conditions. This program includes distance-based didactic content coupled with interactive, hands-on training in the latest in diabetes technology and clinical care.

According to Dr. Kreider,

*“This innovative training program for NPs is in response to the increased demand for providers trained in endocrinology and addresses the need to prepare NPs to serve in communities with specialty provider shortages. As an endocrinology NP and educator myself, it has been a great privilege to launch this program and encourage the formal training of NPs in this field. This specialty was funded by a three-year grant from HRSA.”*



## Executive Leadership Specialty within the DNP Program



First accepted students:  
**Fall 2017**

Lead Faculty:  
**Marion E. Broome, PhD, RN, FAAN**  
Dean and Ruby Wilson Professor  
of Nursing, Duke University  
School of Nursing  
Vice Chancellor for Nursing Affairs,  
Duke University  
Associate Vice President for  
Academic Affairs for Nursing,  
Duke University Health System

**Barbara S. Turner, PhD, RN, FAAN**  
Elizabeth P. Hanes Professor  
of Nursing  
Chair, Health of Women, Children,  
& Families Division



The Executive Leadership Specialty provides seasoned nurse leaders (five to ten years of progressive leadership experience) with the knowledge and skills needed to lead complex and changing organizations and health care systems. The Executive Leadership Specialty is an eight credit specialty curriculum housed within the DNP Program.

According to DNP Program Director, Dr. Katherine Pereira,  
*“It is clear that nurse leaders are taking on increasingly complex roles and responsibilities in health care, yet there is an unmet need to provide advanced leadership skills beyond organizational operations. Our program will meet this need using an innovative educational approach that will consider the rapidly evolving health care arena.”*



## Psychiatric Mental Health Nurse Practitioner Program

First accepted students:  
Spring 2018

Lead Faculty:  
**Pamela Wall,**  
PhD, RN,  
PMHNP-BC, FAANP  
Assistant Professor



The Duke Psychiatric Mental Health Nurse Practitioner (PMHNP) MSN Program focuses on developing the knowledge and skills necessary to deliver psychiatric mental health advanced practice nursing to all ages, especially to those in rural and underserved areas. Intensive courses, state-of-the-art simulation techniques designed to prepare the PMHNP for telepsychiatry practices and immersion in clinical rotations maximize the learning experience and enable students to become active members of an inter professional mental health care team.

According to Dr. Wall,

*“Approximately one in five U.S. adults has a mental illness. In turn, mental disorders are significantly comorbid with other chronic diseases, such as cardiovascular disease, diabetes and obesity, adding to the complexity of caring for these individuals and the burden of illness on the patient. PMHNP are strategically capable of providing comprehensive, integrated mental health and social care services in community-based, rural and urban health care settings. This program is specifically designed to target knowledge and skills necessary to afford psychiatric nurse practitioners the competencies to deliver much needed mental health to patients in need.”*

## Pediatric Behavioral and Mental Health Care Specialty

First accepted students:  
Fall 2018

Lead Faculty:  
**Anne Derouin,**  
DNP, RN, CPNP, FAANP  
Associate Professor



The Pediatric Behavioral and Mental Health Care Specialty track at DUSON focuses on the development of primary care providers to improve the delivery of behavioral and mental health care for infants, children and adolescents.

Students who complete the specialty track program will have completed didactic coursework in behavioral and mental health management with learning areas focused on rural and underserved health topics. The specialty track culminates with an immersive clinical experience in a setting providing pediatric behavioral and mental health management. Following program completion, graduates will be prepared to confidently and skillfully deliver care and sit for the Pediatric Mental Health Specialist certification, after completing their post-graduate clinical hours.

According to Dr. Derouin,

*“One out of every four children living in the United States experience a mental disorder in a given year and only about 20 percent receive treatment. The situation in North Carolina is dire with families waiting for hours, sometimes days, in the emergency room seeking help for children with severe symptoms. Knowledgeable and skilled providers are in high demand here and across the nation. This program will begin to address the need for assessment, early intervention and effective management among the pediatric population. DUSON and our distance-based students are uniquely positioned to improve practice by serving as clinicians, role models and advocates for children and families struggling with mental health conditions; beginning to reduce these disparities.”*

## THREE DUKE CRNAs:

# A 113 YEAR

# Legacy of Service

If you were studying to become a Certified Registered Nurse Anesthetist (CRNA) at Duke University School of Nurse Anesthesia in the 1970s, your experience was totally different from the experience that students today are having.

Things like automatically inflating blood pressure cuffs, finger oxygen monitors and simulation labs were not yet readily available, and your cohort of about 16 students would have attended classes in a small building near the VA Hospital since, at the time, Duke North didn't exist.

During clinical training, you would have been one of only a few nurse anesthesia students on the floor. **Cindy Black, '79 CRNA; Russ Giesler, BSN, '77 CRNA; and Janet Goral, BSN '73, CRNA;** know all about that. They received their nurse anesthesia education at Duke in the late 1970s. All three retired over the past year after decades of work at Duke University Hospital.

Goral and Black were in the same graduating class of 1979. Giesler graduated in 1977. "When I was a student, it was an allied

health diploma you received for anesthesia," says Giesler, who retired Dec. 29, 2017, nine days short of 40 years. Now nurse anesthesia students graduate from DUSON, where its anesthesia program is ranked third in the nation, with a Doctor of Nursing Practice (DNP) degree. "It's a whole new ballgame," he says, not just in the classroom, but in practice, too. "It's like night and day with all the new equipment." But while some of the rules may have changed, the rigor and intensity of a nursing career in anesthesia has always required someone who can stand up to that stress.

"Do I miss the people? Absolutely," says Black, who retired Aug. 17, 2017. "Do I miss the excitement? Absolutely. Do I miss the stress? No." There is an ever-present weight that comes with the responsibility of delivering anesthetics to often a very ill patient, whose life may hang in the balance. But the rewards are clear. It's this payoff that has kept all three of these individuals going year after year, decade after decade. "When you have a patient who smiles and says thank you, there's no substitute for that," Black says.

For Goral, who spent her career in pediatrics, the rewards often came in multiples. "You get to know the parents, who appreciate pediatric anesthesia more than anyone on this earth," she says. "My biggest reward is an anesthetic well done and a child or baby doing well."

Giesler came to Duke first, following in the footsteps of his two older brothers, both of whom became CRNAs, the oldest of whom earned his degree from Duke. Growing up in Missouri with a very ill mother, the boys spent lots of time in hospitals and Giesler wanted to give back. He earned his nursing degree from the University of Missouri in Columbia in 1974 and then moved to Durham to take a job at Watts Hospital in 1975, starting the nurse anesthesia program the next year. "I fell in love with the area and never left."

After graduating, Giesler immediately went to work at Duke Hospital, which moved to the Duke North facility in 1980. Giesler says things are very different as a CRNA now than when he was in school. More regulation and advanced equipment make it more complicated in some ways, but it's all geared toward patient safety.

*"When you have a patient who smiles and says thank you, there's no substitute for that."* **Cindy Black**



**Cindy Black, '79, CRNA**

**Janet Goral, BSN '73, CRNA**

**Russ Giesler, BSN'77, CRNA**

"Drugs have changed in a major way since I started 40 years ago," says Giesler. And the equipment has advanced with things like fiber optics, ultrasound and laparoscopic and robotic surgeries. "I feel like I've grown up. It's continued learning that Duke promotes within the profession itself."

Looking back on his time in school, Giesler says classroom learning was also much different than it is now. There were no simulation labs, for instance. "There was nothing like that. It was hands-on; you learned from performing," he says. While they did have manikins on which to try things like IVs,

there was no way to practice some of the more complicated procedures such as inserting a neck line, or craniotomies during which the patient is awake, (Giesler did several of these procedures during his career). Many things are done by ultrasound now, but in the early days, it was done by touch.

"You felt the artery," Giesler says. "You learned how to judge what you were feeling by touch and experience. Now you see a picture of what you're doing and you put the needle in and you see the needle going into the artery using the ultrasound."

Giesler says one of the best things about working at Duke Hospital has been the people with whom he's been able to work. "I've been very lucky all these years to have been able to experience working with and around the talented individuals who have come through," he says. "It's been amazing."

Black and Goral started the nurse anesthesia program in 1977. Black had received a nursing diploma from Watts Hospital School of Nursing and was working in the ICU at the University of North Carolina at Chapel Hill Hospital when she started to hone in on something. "I was fascinated by the nurse anesthetists," she says. "They were so knowledgeable."

**"It was hands-on; you learned from performing."**

**Russ Giesler**

*continued on page 39*

# School of Nursing Exceeds Goal During Historic Campaign

Duke Forward, the largest campaign in Duke University's history, concluded in June 2017.

The University successfully raised \$3.85 billion during the comprehensive seven-year campaign, with Duke University School of Nursing raising more than \$43 million of that total, thanks to the support of generous alumni and friends.

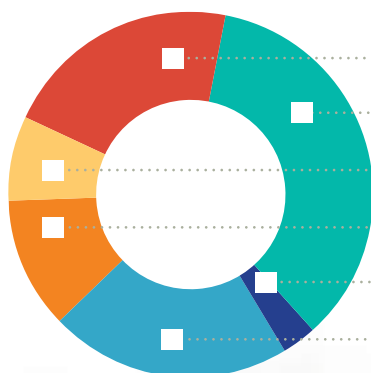
Because of its supporters, the School of Nursing was able to achieve a number of accomplishments over

the past seven years, including the addition of a new 45,000-square-foot wing and 17 endowed scholarships.

During this time, the School also witnessed an impressive rise in its national rankings, going from being named the #7 graduate school of nursing by *U.S. News & World Report* in 2012 to its current position as the #1 graduate nursing school in the country.

Thank you, alumni and friends, for partnering with the School of Nursing!

## Areas of Support



FINANCIAL AID	\$9,117,632
CAPITAL	\$15,107,472
ANNUAL FUND	\$3,306,235
RESEARCH	\$4,920,959
FACULTY SUPPORT	\$1,355,309
PROGRAMS	\$9,246,294
<b>DUSON TOTAL</b>	<b>\$43,053,901</b>



**Duke University  
School of Nursing**  
Goal: \$43 million  
**\$43,053,901**

Total raised for education, research and capital improvements during the campaign for the School of Nursing



**Duke Health**  
Goal: \$1.2 billion  
**\$1.4 billion**

Total raised during the campaign for Duke Health



**Duke University**  
Overall Campaign Goal: \$3.25 billion  
**\$3.85 billion**

Total raised during the campaign for Duke University



**162,000**  
Donors to the campaign



**3,747**  
School of Nursing donors

## Major Campaign Milestones

2010

2010

- The Duke Forward campaign begins.
- The School of Nursing is ranked **22nd** in NIH funding.
- The School wins the national **Campus Technology Innovators Award** for embracing technology to explore new ways of teaching and learning.

2011

2011

- The School ranks **15th** in NIH funding.
- The School of Nursing building is named the **Christine Siegler Pearson Building** in honor of the philanthropic commitment of J. Michael Pearson and **Christine Siegler Pearson, BSN'84**, who donated \$15 million to the School. The gift is the largest in the School's history.

2012

2012

- The Duke Forward campaign is officially announced to the public. The School of Nursing's goal is to raise \$43 million.
- The School ranks **7th** among the nation's top graduate schools of nursing according to *U.S. News & World Report* and ranks **10th** in NIH funding.
- School of Nursing researchers are awarded a **\$2.5 million** five-year grant from the NIH to fund the **ADAPT Center** for Cognitive/Affective Symptom Science. The center conducts research aimed at understanding cognitive and affective symptoms and symptom sequelae (pathology caused by long-term disease) in chronic illness and improving management of those symptoms.

2013

2013

- The School of Nursing receives its first designation as a **National Center of Excellence in Nursing Education** by the National League for Nursing in the category Promoting Pedagogical Expertise of Faculty.



2014

2014

■ New wing of the Pearson Building is dedicated, built with the needs of students in mind. The space gives students much-needed study space and access to the best learning technology available.



## The Pearson Building: Shaping the Future of Nursing

The Christine Siegler Pearson Building is a true home for the Duke University School of Nursing. Every day, the School's community uses the welcoming gathering spaces in the building for collaboration and celebrations, and the students find the state-of-the-art simulation labs invaluable.

"Before the Pearson Building, we had no gathering space to speak of, and classrooms and offices were split between three different buildings, one a mile and a half away," says Barbara Turner, PhD, RN, FAAN, Elizabeth P. Hanes Professor of Nursing and chair of the Health of Women, Children, and Families Division of the Duke University School of Nursing.

"The Pearson Building brought everyone together for the first time in decades, in collaborative learning environments. The atrium with the fireplace says it all—this is home," says Turner, who is also director of the Population Care Coordination Program.

The second floor of the new wing of the Pearson Building is dedicated to the Center for Nursing Discovery, where students hone their patient care skills in one of the most sophisticated nursing education simulation centers in the country. The facility includes an obstetrics lab and three replicas of operating rooms. Students can access the labs 24 hours a day to practice techniques such as IV or catheter insertion and wound assessment. Nurse

anesthesia students use the simulation labs while gaining skills in anesthetic delivery during surgery.

Thanks to the innovative use of a robotic iPad, which enables students and faculty to participate in nursing simulations remotely, even students in the distance-based Master of Science in Nursing Program can benefit from the Pearson Building's simulation facilities.



## 2015

■ The School of Nursing ranks **9th in the nation** in NIH funding.

■ The School receives a second designation as a **National Center of Excellence in Nursing Education** by the National League for Nursing in the category Enhancing Student Learning and Professional Development.



## Scholarships Critical to Excellence in Education By Bernadette Gillis

Tedrick L. Vernon III and Kirsten Leite are pursuing careers in nurse anesthesia, not only so they can eventually administer anesthetics to patients during surgery, but also to one day make meaningful changes to health care and significantly improve the lives of patients.

As students in the Doctor of Nursing Practice (DNP) Program with specialization in Nurse Anesthesia, Vernon and Leite already have a head start on these goals, and they credit scholarships and financial aid with playing a major role.

The two have each taken on research projects to find better ways to improve the patient experience before and after surgery. They are conducting the research at Nash General Hospital, a rural hospital located in Rocky Mount, North Carolina.

Vernon is focused on incorporating a tool called Vulnerable Elders Survey Tool, or the VES13 Tool, into the pre-operative assessment that is already in place at Nash. Aimed at geriatric patients, VES13 is a questionnaire that assesses the patients' functional ability and how it correlates to post-operative morbidity, mortality and complications.

The tool will help nurse anesthetists determine whether it's necessary to alter the patient's anesthesia plan before surgery, and allow for better planning for what is needed after, from physical therapy to adjustments in medication.

"That's really when life starts—when surgery is over," Vernon says. "We do the best we can for patients in the hospital, and hopefully the survey can help us cater our care to their needs after surgery."

Leite learned that Nash Hospital was experiencing a high number of cancellations on the day of surgery. So she is testing a standardized pre-operative protocol that she hopes will help reduce cancellations, reduce costs and better educate pre-operative nurses on how best to prepare patients for surgery. Leite says ultimately the goal is to improve the surgery experience for patients and their families.

"For patients that live in a rural community, anything we can do to reduce costs for them and so that the hospital can provide better care is huge," Leite says.

Vernon and Leite say the research experience they are gaining in the nurse anesthesia program is invaluable,

but it's an experience they likely wouldn't have had without help from financial aid and scholarships.

A native of Massachusetts, Leite received a rural scholarship training grant, which is awarded to students with an interest in working with rural communities. "The grant was really helpful and took the burden off during my second semester," she says.

After spending a few years as an emergency room nurse both at Duke and elsewhere, Vernon decided to return to Duke, but this time as a student. Initially he was waitlisted after applying, but once he was admitted, he only had a few weeks to make preparations which included figuring how to pay tuition. A scholarship from the class of 1954 and a William Randolph Hearst Nursing Scholarship made a big difference.

"Duke was my dream school," Vernon says. "Duke is a great institution, but it also comes with a financial responsibility you have to fulfill as well, and every little bit helps."

More than \$8.5 million in contributions were designated for scholarship support during the Duke Forward campaign.

## 2016

- The Duke Endowment awards the School of Nursing a **\$1.5 million**, three-year grant to create the **Duke Elder Family/Caregiver Training (DEFT) Center**. The center offers the first academic-medical-community model for assisting caregivers following hospital discharge.
- The School ranks **4th** in the country in NIH funding.
- Duke launches the **Access and Opportunity Challenge** to increase support for need-based financial aid for undergraduates, including accelerated bachelor of science in nursing (ABSN) students.

### School of Nursing Access and Opportunity Scholarships Endowed During Duke Forward

#### ENDOWMENT

The Willard C. and Maureen Anne Budzinski SON Scholarship Fund

The Elisabeth Burns Nimocks Scholarship Fund

The Dr. Betty Futrell Shepherd Scholarship Fund

The SON Duke Medical School Faculty Wives Scholarship Endowment

The Louise and Ernie Borden Scholarship Fund

The Griggs Class of 1980 Scholarship Fund

The Bobbie Ruth Scholarship Fund

The Cynthia Tuckerman Gay and Marion Casey Donahue Scholarship



### Doubling the Impact of Financial Aid By Aliza Inbari

Many grateful alumni and friends are eager to find ways to make a substantial impact in the lives of students. In January 2016, Duke University gave donors the opportunity to do just that through the Access and Opportunity Challenge.

Duke matched one dollar for every dollar contributed for need-based undergraduate financial aid by donors who made gifts of \$100,000 to \$500,000. The challenge allowed donors to compound the impact of their gift and made it possible for more students, including those in the School of Nursing, to benefit from financial aid and receive greater levels of financial assistance.

John and Marion Gay experienced the dedicated work of nurses firsthand throughout their lives. They felt the challenge offered a great opportunity to give back to the next generation of Duke-educated nurses, which happens to include Marion's grandniece, currently a student in the Accelerated Bachelor of Science in Nursing (ABSN) Program.

"Nurses do everything for everyone and so often are not remembered," says Marion. "They hold your hand and get you through the aftermath, and they made a real difference in our lives. We want to thank them and help them to continue to do that good work. We've been given so much, and we want others to have the same opportunity."

Their outright commitment endowed

the Cynthia Tuckerman Gay and Marion Casey Donahue Scholarship Fund, which they established earlier this year to support ABSN students. In addition, they made a bequest commitment that will be added to the fund.

The couple named the scholarship fund in honor of both of their mothers. Cynthia Tuckerman Gay, John's mother, volunteered as a nursing assistant with the Red Cross during War World II. Her work ethic and dedication made this gift a perfect way to honor her memory. Marion Casey Donahue, Marion's mother, was on the board of the St. Joseph Hospital in Stamford, Connecticut, and helped raise money for the hospital. This gift reflects her sincere love of learning and her generosity of spirit.

John and Marion have both been treated at Duke Neurosurgery and Duke Cancer Center, and they are grateful for the medical and nursing care they received over the years. John's daughter, Angela, was born at Duke University Hospital 26 years ago following a high-risk pregnancy. He is thankful for the nurses and medical staff who ensured her safe delivery and has been a loyal supporter of Duke Health since then.

Thanks to the Gays and other loyal supporters of the School who participated in the Access and Opportunity Challenge. The School raised more than \$1.8 million in new scholarship endowment funds for ABSN students.

## 2017

■ The School of Nursing establishes the Bessie Baker Society, which provides critical support for scholarships, research, and innovations that will shape the future of nursing. The society is named for Bessie Baker, BS, RN, the School's first dean, who laid the foundation for the School's success from the early 1930s. The society honors the generosity of donors who make an Annual Fund gift of \$1,000 or more to the School. **As of June 30, 2017, the Bessie Baker Society has raised \$328,654 from 121 members.**

■ The School receives third designation as a **National Center of Excellence in Nursing Education** by the National League for Nursing in the category Advancing the Science of Nursing Education. Duke is the only school in the nation to currently have three Center of Excellence in Nursing Education designations.

■ *U.S. News & World Report* announces that Duke is ranked the **#1 graduate nursing school** in the country for 2018.

■ The Duke Forward campaign ends, with the School of Nursing surpassing its \$43 million-dollar goal, thanks to a key gift.



BESSIE  
BAKER  
SOCIETY



## Key Donation Helps School of Nursing Reach Campaign Goal

By Jim Rogalski

The \$163,000 that **Sandra Davis, BSN'82**, as trustee of the Bronson/Knapp Foundation, gave to the Duke University School of Nursing wasn't the largest gift to the Duke Forward Campaign, but it certainly was one of the most significant.

That gift, made by the philanthropic foundation that Davis co-manages with her brother, Phillip Davis, put the School of Nursing over its Duke Forward Campaign goal of \$43 million in the closing week of the campaign. The school finished the campaign with \$43,053,901 raised for scholarships, research, faculty support, education programs and more.

Davis was inspired to make the gift to Duke after she was contacted by **Carole Klove, BSN'80**, an emeritus member of the Nursing Alumni Council. Klove told her that the campaign needed just \$163,000 to reach its goal, and asked if she could help.

Davis didn't hesitate because Klove and her sister **Karin, T'79** – friends of Davis' family – were the ones who encouraged her to come to Duke for nursing school in the first place.

"It was really nice to feel like we made a difference," says Davis of Newport Beach, California. "I have a lot of respect for the School of Nursing and like to track its activities. It has very impressive programs and faculty, and is consistently ranked in the top nationally."

Davis is co-trustee of the Harry Bronson and Edith Knapp Foundation in Los Angeles, established in 2006. Bronson and Knapp

were clients of Davis' attorney father, and upon their respective passing, designated a philanthropic foundation be established with their substantial assets. Providing educational scholarships is a large component of the foundation's mission, and is where the \$163,000 gift to Duke is to be used.

"It's nice to enable students to advance their education. This fully falls into the mission of our foundation," she says. "It was a no-brainer."

Davis's nursing career following her Duke graduation is notable. She worked in the vascular unit of the University of California-Los Angeles' Cedars Sinai Hospital in Beverly Hills; was assistant head nurse and cardiac unit nurse at the Los Angeles County-University of Southern California Medical Center; was director of nursing at the Estelle Doheny Eye Hospital in Los Angeles; and had several administrative roles at Huntington Memorial Hospital in Pasadena, California.

For the past six years, Davis has been with Beecher Carlson Insurance Broker, helping health care facilities manage their self-insured programs.

She says she's grateful for her Duke nursing education because "it taught us how to think. It taught us to approach nursing care from the patients' perspective, holistically."

Some of her fondest memories include sneaking her small pet dog Chauncy into Mudd Library inside her backpack, football games, basketball games at Cameron Indoor Stadium and riding horses in the nearby countryside.

"I made great friends that I still keep in touch with," she says. "I loved everything about Duke."

Davis' daughter Lauren Dietrich also attended Duke, graduating from Trinity in 2012, 30 years after her mother. ■

## New Faculty Appointments



Walton



Lewis



Johnson

**AnnMarie Walton, PhD, RN, MPH, OCN, CHES**, is an assistant professor. AnnMarie joined DUSON's faculty on August 1, 2017. She is a member of the Clinical Health Systems and Analytics Division. Dr. Walton earned a BS in Community Health Education with a concentration in Spanish at the University of Maryland at College Park, a Master's Degree in Health Behavior and Health Education at the UNC Gillings School of Global Public Health, an accelerated BSN at UNC-Chapel Hill, and a post-masters certificate in Nursing Education and a PhD in Nursing with an oncology cohort from the University of Utah. She is also a Certified Health Education Specialist and Oncology Certified Nurse. Dr. Walton's program of research examines minimizing occupational exposures to carcinogens. Her dissertation work combined her educational preparation and more than ten years of clinical experience caring for patients with acute leukemia to examine the pesticide protective behaviors of Latino migrant and seasonal farmworkers. This work was supported by a T32 Fellowship in Cancer, Aging and End of Life from the National Institutes of Nursing Research, an American Cancer Society Doctoral Scholarship in Oncology Nursing and a Jonas Nurse Leader Scholarship. Dr. Walton completed a postdoctoral fellowship at UNC-Chapel Hill's School of Nursing. She received support from a T32 Fellowship in Interventions to Prevent and Manage Chronic Illness from the National Institutes of Nursing Research and pilot funds from the NC Occupational Safety and Health

Education Research Center for work that focused on understanding the protective behaviors of nursing assistants handling antineoplastic drug contaminated excreta. Dr. Walton's service work centers on preparing and enabling nurses to lead change to advance health. She serves as a nurse consultant for the Center to Champion Nursing in America, the leadership co-chair for the NC Future of Nursing Action Coalition and the sustainability co-chair for the National Nurses on Boards Coalition.

**Lisa S. Lewis, EdD, MSN, RN, CNE**, is an assistant professor. Lisa joined DUSON on July 1, 2017 and is a member of the Healthcare in Adult Populations Division. Dr. Lewis has been part of the Duke community for twenty years, as a nursing instructor at Watts School of Nursing for nine of those years, and prior to that as a staff nurse in the Emergency Department and the Neuroscience ICU at Duke University Hospital. With a strong clinical background in neuroscience and emergency nursing, Dr. Lewis' research/scholarship interests have included clinical neuroscience topics. She is now primarily focused on educational research in the pre-licensure nursing education setting. Her doctoral dissertation was a qualitative study of nursing students who have to repeat courses and reflects her concern for helping and advising students who are struggling to succeed in nursing school. Her master's thesis focused on gaming as a classroom learning strategy, and demonstrates her desire for creativity and excellence in teaching didactic

content. Dr. Lewis earned an associate degree in nursing from Erie Community College in Buffalo, New York; her master's degree in nursing from the University of North Carolina at Chapel Hill; and her doctorate in education from North Carolina State University. She also maintains her certification as a nurse educator.

**Ragan N. Johnson, DNP, MSN, APRN-BC**, is an assistant professor. Ragan joined DUSON's faculty on July 1, 2017. Dr. Johnson is a faculty member for DUSON's VA Nursing Academic Partnerships in Graduate Education Program and supports the development of veteran centric content and clinical education in the Adult-Gerontology Primary Care Nurse Practitioner Master's program, and in a new residency program being developed with the VA for newly certified Adult-Gero primary care nurse practitioners. She is a member of the Healthcare in Adult Populations Division. Dr. Johnson has been a registered nurse since 2001, a nurse practitioner since 2006 and a nurse educator since 2012. Her clinical experiences include working as an RN in the Emergency Department and as a family nurse practitioner. She has experience in gastrointestinal, internal medicine and family practice. At the VA hospital in Memphis, Tennessee, Dr. Johnson served a panel of over 700 veterans and was the MOVE coordinator at the VA, a group health promotion program developed to reduce obesity among veterans. As an educator, she has taught both didactic and clinical courses at the undergraduate and

## New Faculty Appointments



Felsman



Kim

graduate levels. In a previous role, she taught in the DNP program and served as course lead for Epidemiology and two advanced family nursing courses for the FNP program. Dr. Johnson earned her Doctor of Nursing Practice degree with an emphasis in Public Health Nursing and MSN (FNP) from The University of Tennessee Health Science Center in Memphis and her BSN from Tennessee State University. She is a member of Sigma Theta Tau International, Tennessee Public Health Association, National Organization for Nurse Practitioner Faculties, American Academy of Nurse Practitioners and the American Nurses Association. Her research interests include sexual health promotion among youth and young adults and health disparities. She is also the founder of “Imagine Me”, a local nonprofit whose mission is to provide sexual health education and prevention messages to youth and young adults.

**Irene Felsman, DNP, MPH, BSN’76, RN, C-GH**, is an assistant professor. Irene became a member of DUSON’s faculty on July 1, 2017. She is a member of the Clinical Health Systems & Analytics Division. Throughout her career, Dr. Felsman has worked with immigrants, refugees, displaced and low-income populations in the U.S. and globally. She has gained extensive experience in community engagement methods and the development of culturally aligned community interventions to improve health and access to care for women and children in diverse settings. She is known to DUSON through her work as a Clinical Nurse Educator/Instructor in the ABSN program where she co-taught the Wellness and Health Promotion course and guest lectured in community health and health promotion courses. She has also led global clinical immersion experiences to Tanzania, Nicaragua, Barbados and Guatemala. Dr. Felsman served on the strategic planning committee, is the lead for Global Health Strategy 2.1 (Integrating global health concepts into educational programs) and is a member of the Community Health strategy team. Dr. Irene Felsman received her BSN from Duke University, her MPH and Certificate of Health Care in Developing Countries from Boston University School of Public Health, and her DNP from Duquesne University.

**Hyeoneui Kim, PhD, MPH, RN**, joined DUSON’s faculty on August 1, 2017, as an associate professor in the Clinical Health Systems & Analytics Division. Dr. Kim came to Duke from University of California San Diego (UCSD) School of Medicine, Division of Biomedical Informatics where she was an associate professor. She was also associate director of the T15 training program on biomedical informatics funded through the National Library of Medicine. Her research interests in data standardization, consumer informatics, and nursing decision support complement DUSON’s research areas of excellence. Dr. Kim’s current work is with a data-indexing project, bioCADDIE, a multi-institutional collaboration supported through the NIH’s BD2K (Big Data to Knowledge) program, where she leads one of three teams evaluating bioCADDIE’s capability to index healthcare datasets. She is also PI on the NIH funded project iCONCUR (informed CONsent for Clinical data and biosample Use for Research) that aims to develop an online-tiered informed consent management system. Another of Dr. Kim’s projects is a pilot study funded through UCSD’s CTRL to make genetic test results available in UCSD’s clinical data warehouse to support translational research. She is a member of the American Medical Informatics Association where she has been recognized for her work developing new health text specific readability metrics and for a study on building an ontology for pressure ulcer risk assessment to support data interoperability in this domain. Dr. Kim received a PhD in Health Informatics from the University of Minnesota at Twin Cities and completed a post-doctoral fellowship in the Decision Systems Group at the Brigham and Women’s Hospital in Boston.

## Recent Grant Awards

### NIH R01

*"SER Hispano: Salud/Health, Estres/Stress, and Resiliencia/Resilience Among Young Adult Hispanic Immigrants in the U.S."*

**PI Rosa Gonzalez-Guarda**

\$3,477,372 (September 26, 2017 – May 31, 2022)

### Kimberly-Clark Global Sales LLC

*"Very Low Birth Weight Preterm Baby Health Outcomes with Bundled Care in the Neonatal Intensive Care Unit"*

**PI Debra Brandon**

\$230,388 (October 1, 2017 – August 30, 2018)

### Center for Nursing Research Clinical Innovation/Precision Health Pilot Program

*"PLEDGE: Preparing Lifestyle and Living Environment Data to Guide Precision Health"*

**PI Hyeoneui Kim**

\$17,947 (October 1, 2017 – September 30, 2018)

### Center for Nursing Research Networking in Research Development Pilot Program

*"Network-Level Outcome Measures that Matter for People Living with Dementia"*

**PI Eleanor McConnell**

\$4,000 (October 1, 2017 – September 30, 2018)

### Center for Nursing Research Networking in Research Development Pilot Program

*"Collaboration with Mismo to develop a texting platform for tobacco cessation research"*

**PI Devon Noonan**

\$5,400 (June 28, 2017 – June 27, 2018)

## Promotions and Transitions



Tanabe



Bush



Stevenson



Yap



Gilliss



Utley-Smith



Valiga

## Promotions

**Paula J. Tanabe**

*promoted to Professor, Track I*

**Margaret A. Bush**

*promoted to Associate Professor, Track II*

**Eleanor L. Stevenson**

*promoted to Associate Professor, Track II*

**Tracey Lee-Ann Yap**

*awarded Tenure, Track I*

## Transitions

**Catherine L. Gilliss**

*Helene Fuld Trust Professor Emeritus*

**Queen Utley-Smith**

*Associate Professor Emeritus*

**Theresa M. Valiga**

*Professor Emeritus*



Carter



Starr

## ■ Carter Wins 2017 Duke University Blue Ribbon Diversity Award

Brigit Carter, PhD, MSN, RN, CCRN recently received the 2017 Duke University Blue Ribbon Diversity Award. This annual award is one of Duke's highest employee honors for faculty and staff who consistently demonstrate respect and value for differing backgrounds and points of view.

As Accelerated Bachelor of Science in Nursing (ABSN) program director, Brigit is a powerful role model and change agent related to the recruitment and retention of under-represented minority students. She has created opportunities and experiences that shape our students as dynamic leaders for the future of nursing. Her work as director of the Health Equity Academy each summer has inspired and supported more than 100 pre-nursing students to be successful in their chosen program. She leads by example and influence. Her recently funded HRSA grant "The Academy for Academic and Social Enrichment & Leadership Development for Health Equity" builds on, expands, and elevates the work with the Health Equity Academy, but also deepens our faculties' knowledge and expertise in admitting and supporting unrepresented minority students.

## ■ University Scholarship Awarded

Accelerated Bachelor of Science in Nursing (ABSN) student Kathryn Starr was selected as the 2017 Duke University Scholar. Starr was selected by the Associate Dean for Academic Affairs with input from ABSN, Master of Science in Nursing and Doctor of Nursing Practice program directors. Starr will receive a full-tuition scholarship for the 2017-2018 academic year.



Toomey



Smith



Hartman



Nandwani

## ■ Inaugural BDO Scholarships Awarded by Stephanie Scheller

The DUSON Business Development Office (BDO) has awarded four one-time \$10,000 merit based scholarships to students in the Accelerated Bachelor of Science in Nursing (ABSN), Master of Science in Nursing (MSN), Doctor of Nursing Practice (DNP) and DNP-Nurse Anesthesia programs. The BDO was created in late 2015 to identify and facilitate partnership opportunities for DUSON with private, public and academic organizations, as well as expand scholarship support and program development.

These scholarships are named in honor of faculty and staff members whose entrepreneurial spirit, support of business development activities and success have helped make the BDO successful. The honored staff and faculty members are Charles "Chuck" Vacchiano, PhD, CRNA, FAAN, professor for the DNP-Nurse Anesthesia Program; Barbara Turner, PhD, RN, FAAN, Elizabeth P. Hanes Professor of Nursing and chair for the Health of Women, Children & Families Division; Michael Relf, PhD, RN, ACNS-BC, AACRN, CNE, FAAN, associate professor and associate dean for Global and Community Health Affairs; and Tina Leiter, director of Facility Operations.

The recipients of this year's scholarships are: Nicole Toomey, Taylor Brooke Smith, Emily Hartman and Monica Christine Nandwani.

Toomey is the recipient of the Michael Relf scholarship. She entered the ABSN program this fall and is a graduate of Duke University, earning a Master in Science in Global Health at the Duke Global Health Institute.

Smith is the recipient of the Tina Leiter scholarship. Smith enrolled in DUSON because of its record of academic excellence, focus on community health and positive feedback she's received from co-workers who are currently enrolled in DUSON's MSN programs.

Hartman is the recipient of the Charles Vacchiano scholarship. Hartman entered the Nurse Anesthesia program this fall and chose DUSON because it's one of the top certified registered nurse (CRNA) programs in the nation.

Nandwani is the recipient of the Barbara Turner scholarship. She looks forward to learning from Duke faculty and aspires to one day be as accomplished and influential to the nursing profession as they are.



Utley-Smith

Valiga

## ■ Utley-Smith and Valiga Retire, Leave Their Mark on Nursing Education

Congratulations to Queen Utley-Smith, EdD, RN, CNE, ANEF and Theresa Valiga, EdD, RN, CNE, ANEF, FAAN on their retirement from the Duke University School of Nursing (DUSON).

Utley-Smith joined DUSON in 2002 and held the positions of assistant professor, chair of the Master's Program and associate professor. With a career spanning more than 30 years, she implemented a number of educational innovations including developing a clinical education site in an environmentally at-risk minority community and a clinical practicum site for graduate students, developing and launching online courses on aging and women's health.

Utley-Smith centered her research efforts in the areas of health care workforce competency and health promotion and aging. She is a member of the American Public Health Association, the Gerontological Society of America, the National League for Nursing and the Association for Prevention, Teaching and Research.

Valiga joined DUSON in 2008 and held the position of professor, director of the Institute for Educational Excellence (IEE) and chair of the Clinical Health Systems & Analytics Division. She and the faculty and staff of the IEE were instrumental in leading the efforts in DUSON being named the only nursing school to hold three Centers of Excellence in Nursing Education designation from the National League for Nursing in 2017.

Valiga is a member of Sigma Theta Tau International and Phi Kappa Phi. Some of her areas of research interest include: innovative teaching strategies, educator competencies, faculty development and cognitive/intellectual development of students and faculty.

On behalf of DUSON and the many students whose lives you've touched, thank you for your service and commitment to excellence at DUSON.



Data Powered Teaching Assignments

## TAMS: A New Teaching Assignment Software

by Stephanie Scheller

For universities and colleges across the country, scheduling courses and teaching assignments has been difficult. Balancing needs of students and the courses they require, with the faculty who are available and experienced to teach them, was a cumbersome task until DUSON created a way to make the process easy and headache free.

TAMS is an integrated software platform that engages faculty, taking advantage of their experience and history in teaching specific courses, while automating the course scheduling process for one, or multiple semesters. In addition, TAMS creates real-time administrative reports to ensure faculty were not over, or under booked in teaching assignments.

TAMS manages faculty teaching preferences, course offerings and master schedules, and teaching workloads. Through algorithms developed specifically for higher education, TAMS adjusts to the complicated and complex processes associated with managing academic programs and teaching requirements.

Administrators can take advantage of TAMS to make decision making easy and accurate, while building either a single semester, or an entire academic year. TAMS helps manage every aspect of the teaching assignment and course scheduling process as well as orchestrates the data, the workflow and the communication.

School leaders can be assured that TAMS is safe and secure. By establishing varying levels of access during the process, those who need access to data can have it while administrators retain overall control. The TAMS system also integrates all academic data systems. A school's data is loaded into TAMS and then used to create totally customized teaching assignment plans and reports. TAMS also increases accountability by preventing under scheduling or over scheduling of faculty and ensures that resources are being effectively and efficiently managed.

TAMS is easily adapted to any school's academic planning process. The onboarding process is supported by a team that will ensure clients are ready to start using TAMS as soon as possible. Our technical team works with the client school's IT staff to make sure the appropriate data is properly loaded into TAMS while the operations team assists the client's administrative staff to ensure they are fully-trained and ready to use the software.

Visit [teachingassignments.org](http://teachingassignments.org) to learn more.



Gonzalez-Guarda



Randolph



Shaw



Sabol

### ■ Gonzalez-Guarda, Randolph and Shaw Complete LEADERS Program

Rosa Gonzalez-Guarda, PhD, MPH, RN, CPH, FAAN, associate professor, Schenita Randolph, PhD, MPH, RN, CNE, assistant professor and **Ryan Shaw, PhD '12, RN**, associate professor, recently completed the Duke University School of Medicine LEADERS program. The interactive workshop

is designed for junior faculty who are leading a research group. It provides insight into leadership and team building, as well as direction on how to develop and manage a scientific laboratory or research program, how to improve productivity and how to harness creativity and innovation.

### ■ Sabol Receives GAPNA Excellence in Research Award

Valerie Sabol, PhD, ACNP-BC, GNP-BC, ANEF, FAANP, professor and chair, Healthcare in Adult Populations Division, was recently awarded the Gerontological Advanced Practice Nurses Association (GAPNA) Award for Excellence in Research. This award for research is given to individuals who demonstrate a commitment to research in nursing that benefits the geriatric community.

## Faculty Members Named Fellows of American Academy of Nursing



Batchelor-Murphy



De Gagne



Short



Trotter

Duke University School of Nursing (DUSON) is proud to celebrate the accomplishments of four faculty members who were inducted as Fellows of the American Academy of Nursing (FAAN): Melissa Batchelor-Murphy, PhD, RN-BC, FNP-BC, FAAN; **Jennie De Gagne, PhD, DNP '14, RN-BC, CNE, ANEF, FAAN**; **Nancy Short, DrPH, MBA '91, BSN '76, RN, FAAN**; and **Kathryn Trotter, DNP '12, CNM, FNP-C, FAANP, FAAN**. They were selected for their evidence of significant contributions to nursing and health care.



Oermann



Vacchiano

### ■ Oermann Assumes Lead Faculty Role of Nurse Education Program

Marilyn Oermann, PhD, RN, ANEF, FAAN, Thelma M. Ingles Professor of Nursing and director of Evaluation and Educational Research for Duke University School of Nursing (DUSON), is now the lead faculty of the Master of Science in Nursing (MSN) Program's Nurse Education major.

Oermann's scholarship focuses on nursing education, with an emphasis on both teaching and evaluation in nursing. With funding from the National League for Nursing (NLN) and Laerdal Medical, she is completing a multisite study on maintaining competence in CPR among nursing students. She is the author or co-author of 19 books, several of which won national awards, more than 160 articles in peer-reviewed journals and a wide variety of other publications. Oermann lectures widely on writing for publication and nursing education topics. She is a member of the American Academy of Nursing and National League for Nursing Academy of Nursing Education. She received the NLN Award for Excellence in Nursing Education Research, the Sigma Theta Tau International Elizabeth Russell Belford Award for Excellence in Education and the American Association of Colleges of Nursing Scholarship of Teaching and Learning Excellence Award.

### ■ Vacchiano Receives Funding for Enhancement of Military Surgical Settings

Charles "Chuck" Vacchiano, PhD, CRNA, FAAN, professor and site principal investigator, received funding from the TriService Nursing Research Program to evaluate a mathematical method to calculate a patient's total blood volume during a surgical procedure in the battle field surgical setting.

Vacchiano's calculation requires measurement of a patient's red blood cell concentration with a device that can be used in the field before and after giving a small volume of intravenous fluid. The dilution of

the red blood cell concentration is a fundamental factor in the calculation method.

Vacchiano and his team will complete the comparison of methods in a group of volunteer subjects to determine its usefulness in the battle field setting.

The TriService Nursing Research Program's mission is to facilitate nursing research to optimize the health of military members and their beneficiaries. The funding is for more than \$350,000, and the study will continue until June 30, 2018.

### DUSON Earns Third NLN Center of Excellence Designation

Duke University School of Nursing (DUSON) is the only school in the nation to currently have three Center of Excellence in Nursing Education designations from the National League for Nursing (NLN). DUSON was recognized at the NLN's 2017 Education Summit in the categories "Advancing the Science of Nursing Education" (2017-2021), and "Promoting the Pedagogical Expertise of Faculty" (renewed 2017-2022). In 2015, DUSON was one of only two schools to receive two consecutive designations adding the category "Creating Environments that Enhance Student Learning and Professional Development (2015-2019)."

The NLN Center of Excellence in Nursing Education designations are for schools of nursing and health care organizations that have achieved a level of excellence in a specific area. The program acknowledges the outstanding innovations, commitment and sustainability of excellence that organizations convey.



**Center of Excellence  
in Nursing Education**

*Promoting Pedagogical Expertise of Faculty  
2017 – 2022*

*Advancing the Science of Nursing Education  
2017 – 2021*

*Enhancing Student Learning and  
Professional Development 2015 – 2019*



Arsenault



Brown



Burton



Ferguson

## DUSON Announces New Scholarship Challenge

Duke University School of Nursing is excited to announce the establishment of a \$500,000 challenge fund that will be used to match new gifts for endowed scholarships through 2018.

The Nursing Leaders Scholarship Challenge is open to donors who make a commitment of \$100,000 or more to establish new or add to existing scholarship endowments in the school. The challenge fund will match 50 percent of every dollar contributed for merit- or need-based support for students pursuing any degree in the School of Nursing. If successful, the challenge fund will leverage another \$1 million or more in scholarship support.

"This challenge will mean a great deal to our students," says Dean Marion E. Broome, PhD, RN, FAAN. "The School aims to attract and prepare the best and brightest students who will go on to become influential leaders in nursing and transform lives. We can't do this without scholarship support. Support from this

challenge will help ensure that our students have valuable educational experiences, regardless of their ability to pay."

Many of the School's students choose Duke because they believe it will provide them the resources and support to further strengthen their abilities. However, the choice to attend Duke comes with a steep price. Once they graduate, many of them face an overwhelming amount of debt.

Reducing debt and making high quality nursing education accessible for students is one of the school's highest priorities. Philanthropy can make a significant difference in the lives of students and in the ability of the School to attract talented future nursing leaders. The challenge will run through Dec. 31, 2018.

For additional information about matching eligibility and ways of giving, contact Anita Stallings at [anita.stallings@duke.edu](mailto:anita.stallings@duke.edu) or Diana Staples at [diana.staples@duke.edu](mailto:diana.staples@duke.edu) in the Office of Development and Alumni Affairs.

## Graduate Students Receive More Than \$50,000 in Oncology Scholarships

Students Melissa Arsenault, Casey Brown, Lacie Burton and Kristin Ferguson were recently awarded more than \$50,000 in scholarships from the Oncology Nursing Society and the American Cancer Society.

Arsenault, BSN, RN, OCN, was awarded the Oncology Nursing Society Foundation Master's Scholarship for \$5,000. The scholarship is given to registered nurses who are interested in and committed to oncology nursing to continue their education by pursuing a master's degree in nursing.

Brown, MSN, RN, AGPCNP-BC, a Doctor of Nursing Practice (DNP) student, was awarded the American Cancer Society Graduate Scholarship in Cancer Nursing Practice with a stipend of \$10,000 per year. This award supports graduate students pursuing a master's degree in cancer nursing or doctorate of nursing practice.

Burton, BSN, RN, a student in the MSN program, received the Oncology Nursing Society Foundation Master's Scholarship for \$5,000. She said the scholarship will assist her in continuing her full-time educational efforts to strengthen her contribution to the field of oncology nursing.

Ferguson, MSN, RN, OCN, a student in the DNP program, received the Oncology Nursing Society Foundation Clinical Doctoral Scholarship for up to \$7,500. This scholarship is provided to registered nurses who are interested in and committed to oncology nursing to continue their education by pursuing a research doctoral degree or clinical doctoral degree. She also received the American Cancer Society Graduate Scholarship in Cancer Nursing Practice with a stipend of \$10,000 per year.

All of the awardees are expected to complete their programs in 2018.





Biederman



Zychowicz



Morgan

## ■ Biederman Leads Community Health Initiative

Donna Biederman, DrPH, MN, RN, associate professor, has been appointed as the acting director of the DUSON Community Health Improvement Partnership Program (DCHIPP) effective July 1, 2017 for a two-year term through June 30, 2019.

In this role she will provide strategic, administrative and operational support, and oversee the successful development and execution of the School's community health improvement initiatives and collaborations. The program is one of several goals in the DUSON strategic plan.

## ■ Zychowicz Receives Outstanding Ortho NP Award

Michael Zychowicz, DNP, ANP, ONP, FAAN, FAANP, professor, received the National Association of Orthopaedic Nurses (NAON) Outstanding Orthopaedic Nurse Practice Award at its 37th annual Congress in San Juan, Puerto Rico. The award recognizes a NAON member who has provided high quality healthcare to the orthopaedic patient and has made outstanding contributions over his or her career to the field of orthopaedic nursing.

## ■ Morgan Named to Lead #3 Anesthesia Program

Brett Morgan, DNP, CRNA, assistant professor, has been appointed Director of the #3 ranked Duke University School of Nursing (DUSON) Nurse Anesthesia Doctor of Nursing Practice (DNP) Program.

The Nurse Anesthesia Program prepares nurse anesthesia clinical scholars who are skilled in anesthetic administration in a wide array of clinical settings to patients across the lifespan. Graduates of the program have a CRNA certification pass rate of 100 percent with many being politically active in state and national organizations.

## DANCE Receives STTI Award

The Duke Advancement of Nursing, Center of Excellence (DANCE) was selected to receive the Practice Academe Innovation Collaboration Award from Sigma Theta Tau International Society of Nursing. This practice-academe innovation collaboration award demonstrates that Duke is a preeminent leader among nursing academic-practice partnerships and allows the DANCE partnership to share their model with others around the world in an effort to empower and influence the nursing profession.





### Three Duke CRNAs, *continued from page 23*

Black says she remembers her CRNA education emphasizing pharmacology and physics. Understanding gas laws and how certain drugs moved through the vascular system were critical to mastering anesthesia, Black says. And again, those many years ago, it was hands-on learning, very different than what students experience today. “I went to a simulation lab six or seven years ago,” Black says. “I was like, ‘Wow. Wouldn’t this have been something to get ahold of?’ To see the flow — you knew it in your mind, but to actually practice and see it is a totally different situation.”

Like Giesler and Goral, Black went to work at Duke Hospital immediately after graduating in 1979, then left in April 1982 to spend six years in Greenville, South Carolina, as a nurse anesthetist. She came back to Duke in 1988 and worked there until she retired on Aug. 17, 2017.

Growing up on a farm in Burlington, NC, Black was the first person in her family to go to college. Her father really wanted her to pursue a life outside of farming. She went to a college fair, thinking she wanted to study English at the University of North Carolina at Greensboro (UNCG). “I was going to head to the UNCG booth to talk to them,” she says, and she happened to walk past the booth for Watts Hospital. The enthusiastic hospital recruiter may never know the impact she had. “I started talking to her and I never made it to the UNCG booth,” Black says. “Some things are just meant to be.”

Black says she has loved her career in nursing, but it’s a career that demands a lot, and nurses considering it need to know what

they’re getting into. “Search your soul that you want to commit,” she says. “If you want to be a good nurse anesthetist, you have to be committed to the profession.” Involvement with the national and state associations has been an integral part of Black’s career. And as she looks to the future, she knows there are things CRNAs can do to improve the profession and tackle big problems. “Now the focus is on opioid-free or reduced anesthesia because of the opioid crisis,” Black says. “They are finding all sorts of ways that we can still provide excellent anesthesia with great results but using minimal opioids. We’re trying to be part of the solution.”

Unlike Black, who happened upon the career as a young adult, Goral grew up in Connecticut always wanting to be a nurse. She enrolled in Duke’s nursing program and earned her bachelor’s in 1973, then went straight to work at Duke Hospital in the surgical intensive care unit. After a couple of years, she headed back north and got a job at Massachusetts General Hospital in the post-cardiac unit and started looking into anesthesia. She knew whatever specialty she pursued, she wanted to work with children. Goral moved back to Durham and started nurse anesthesia school in 1978.

Goral remembers that after graduating, some students wanted to head off, out of the academic environment. “There are people who train and really don’t want to work in

those main ORs, however a lot of us did. Cindy did, Russ did. I did. We chose that. The only way to get good at it is to work at it and be there and learn it.” While Black and Geisler remained adult care CRNAs, Goral became the pediatric anesthetics clinical lead, a position she held until 2013.

“It’s a demanding specialty,” she says. “Kids can get very sick very quickly, and they can recover quickly. I did it because I was drawn to children and I wanted to make a difference.”

Goral says she’s happy to see that CRNAs have received much more exposure over the years. “I think CRNAs were never really known about for years and years, and people simply didn’t know what we did,” she says. CRNAs are not assistants, but highly autonomous health care professionals, who care for patients from pre-op to post-op, make dosage decisions, administering anesthesia and monitoring the patient’s physiological status throughout surgery. “We’re a team, is what we are — the anesthesiologist and the nurse anesthetists who are in that room.” It’s a great career, Gorals says, but tough.

“Expect to work hard because you will,” Goral says. “It’s a grueling program even when we did it back then, as different as it was. It’s a great field and we truly make a difference in people’s lives, but expect to work hard. It’s a career where you have to be on your toes.” ■

“My biggest reward is an anesthetic well done and a child or baby doing well.” **Janet Goral**

## 1940s

**Jane Davis Swan, BSN'45**, is 94 now and still driving and traveling. She takes short trips to the Outer Banks, North Carolina, and Austin, Texas, to spend time with her family, which includes eight great-grandchildren. Since Andrews, North Carolina, had the total eclipse this year, she hosted many visitors this summer and also two family reunions.

**Joanne Bouton Dunwoody, RN'47**, recently celebrated her 92nd birthday. She remains active in her church and with her 11 grandchildren.

**Jean Bundy, RN'47**, is about to celebrate her 94th birthday and says she is proud that she does not require any medicine. She also says her hearing, vision, and brain are still sharp and she usually beats young people on television quiz programs.

## 1950s

**Argyle King Clarke, RN'52**, has three children: Wes, Elaine, Elin; seven grandchildren; and four great-grandchildren. She worked as a nurse in a hospital in the early years of her career and volunteered a lot in hospice care, the Red Cross and camps.

**Shirley Ezzell Owen, RN'53**, says that her granddaughter, Madeline Salter, majors in dance at Oklahoma City University and has an excellent chance of dancing on Broadway as a student next year.

**Phyllis Punshon, RN'52, BSN'53**, turned 90 in July and says she feels blessed to still be around and perking. Her sister, **Joanne Mertz, MD'51**, moved from Michigan two years ago to live with her in Denver, Colorado.

**Margaret "Peggy" Pruitt Taylor, RN'53**, volunteers every week at her local hospital in Tarboro, North Carolina, where she retired after more than 30 years. She also is a water aerobics instructor.

**Sylvia Conant Chesson, RN'54**, has five children, 11 grandchildren and five great grandchildren.

**Christene Haynie Emory, RN'56**, works occasionally in electric shock treatment at Central Regional Psychiatric Hospital in Butner, North Carolina. She has served on the town council since 2007 and enjoys the correspondence from Duke.

**Jane Lawhon Duvoisin, BSN'57**, took a voyage on the Crystal Cruise Ship, "Serenity," to the Northwest Passage in August and September 2016. She says it was a great adventure in the Arctic region and enjoyed connecting to the Inuit people and seeing the impact of global warming. She and her husband **Peter, MD'60**, have four children and nine grandchildren.

**Linda Conant Gardner, BSN'57**, has been married to her husband Mike for 60 years. They have five children and eleven grandchildren. Four of their grandchildren are in college, three have graduated and one is a first-year medical student at the University of Alabama at Birmingham. The family is filled with teachers.

**Margaret Schreiner Parish, BSN'57**, is retired but continues to work on the health care team at her church. She and her husband Bill live in a retirement community, where she is known as the "magazine lady" who visits all the health care units once a week with her magazine cart. She says it's a great opportunity to talk with people and learn if anyone is having any health problems.

**Nancy Yost, BSN'57**, has been retired since 2004 and stays active by swimming laps and helping with condo and church activities.



Nancy Yost

**Shirley Hensley Peden-Lee, RN'58**, served as vice president and then president of the Pierce Co. Mental Health Board.

**Patricia Broadway Culp, BSN'59**, continues to work part time as a certified addiction registered nurse at the Charlotte Treatment Center. She has been there 15-and-a-half years after "retiring" as a nursing instructor. She plans to move to Richmond, Virginia, to be near son, Charlie.

**Joy Crowder Cowan, RN'59**, is an 83-year-old graduate of the School. Over the years, she has worked as a nurse in several capacities and her last position was at an urgent care facility, where she worked until she retired at age 76. She was always proud to be a graduate of Duke University School of Nursing, and she is happy to see that it continues to excel. She is thankful for Duke Nursing for being such a special part her life.

**Lyda Sue Cunningham, BSN'59**, lives in Colorado with her husband, Neil, and they are healthy and play golf. She enjoys knitting and meeting friends. Her children live close to her in Colorado, and she and her husband hope to visit Oregon.

**Ellen Fleming Wells, BSN'59**, and her husband Herb have moved to a retirement community in Greensboro, North Carolina. She currently is working on a genealogy project.

## Duke Bass Connections Project Aims

to Improve Medicaid in North Carolina by Stephanie Scheller

It was in 2016 when **Deanna Befus, PhD '17**, had her first phone call with Duke University faculty concerning a project that could help shape the opinions and ultimately decisions of North Carolina policymakers.

The Bass Connections: NC Medicaid Reform Project comprised an interdisciplinary team that included faculty, staff and students from the Duke Schools of Nursing, Medicine, Law, Business and Public Policy. The team met to develop a Medicaid reform proposal to fit the constraints and demands of North Carolina politics. The team members considered how North Carolina could use its limited Medicaid dollars more effectively to reduce the incidence of poor health, improve access to healthcare and reduce budgetary pressures on the state's tax payers.

The North Carolina Medicaid program provides insurance to over two million residents, constituting 32 percent of the state budget.

"Medicaid is one of the most important and least understood parts of healthcare in North Carolina," said Befus. "Clinical experience is rarely represented when legislative recommendations are made, so it was important to me that nursing have a seat at the table and participate in conversations."

North Carolina has been part of the Medicaid program since 1970, but has not yet accepted the Medicaid program expansion. This means that many families are left in the coverage gap—the distance between qualifying for Medicaid and qualifying for marketplace insurance subsidies.

"People receiving Medicaid are among the most vulnerable of our neighbors," said Befus. "These were my patients, as a public health nurse in a safety-net clinic, and my partners during my dissertation research."

Befus and her fellow team members investigated political and legal measures involved in Medicaid reform and potential health coverage models and business opportunities to meet the needs of North Carolina's Medicaid beneficiaries. They worked directly with representatives from North Carolina advocacy organizations and community health institutions to create a proposal that would ensure concerns of stakeholders were addressed in the reform proposal.

The team produced a report entitled "NC Medicaid Reform: A Bipartisan Path Forward" and presented it to NC General Assembly staffers and assistants, lobbyists, policy analysts and individuals from the non-profit sector.

The report assessed the current Medicaid landscape in North Carolina and offered recommendations to North Carolina policy makers concerning:

- The potential impact of federal block grants on North Carolina Medicaid;
- The construction of Medicaid Managed Care markets;
- Opportunities and risks associated with instituting consumer-driven financial incentives in Medicaid;
- Targeted "hotspotting" strategies to address the needs and escalating costs of Medicaid's high-utilizers and dual-eligibles; and
- The benefits of pursuing telemedicine and related reforms to reimbursement, regulation and Graduate Medical Education programs that could fuel telemedicine solutions to improved access and delivery.

"With the change in administrations at national and local levels, Medicaid's future was uncertain in North Carolina," said Befus. "That means the futures of two million North Carolinians were uncertain. This is much more than a policy exercise: it's a health and social justice issue." ■

*"People receiving Medicaid are among the most vulnerable of our neighbors."*

## 1960s

**Ann Brigstocke, BSN'60**, retired from nursing in 2003 and spent four years studying fine art at the Schuler School of Fine Art. Her major interest is in oil painting, and most recently she has been working on portraiture. Finding art has been a special gift for her. She also sings with the Encore Chorale — a chorus for seniors and will sing at the Kennedy Center in December. She has six grandchildren ages 12 – 20, all living in the Baltimore area. Her husband Dick died in 2014. She is in touch with classmates Audrey Hollifield and Carol Berlin and would love to hear from others.



**Carol Seaton Dolan, BSN'61**, has worked for the past five years with the New Mexico Department of Health, Cancer Prevention Program. She collaborated with federally funded clinics to improve breast and cervical cancer screening rates in the state. She is also the health ministries facilitator in her church and a member of a faith community nursing group in Albuquerque, New Mexico. She has been active in the Conversation Project, a national organization which focuses on health care decision making and end-of-life planning. She has three children and nine grandchildren, ages 13 – 25, and continues to enjoy singing in a madrigal group, playing clarinet in a woodwind quintet, and playing piano.

**Betty Shackleford, BSN'61**, received a Nurse of Distinction honor from the North Carolina Nurses Association, which recognizes nurses for providing outstanding care. A celebrating nurses' luncheon was held to honor the award recipients at the Paul J. Ciener Botanical Garden in Kernersville, North Carolina.

**Rosemary Finkbeiner Bolt, BSN'62**, retired in 2011, after 17 years at Heritage Healthcare of Lilburn, Georgia. She and her husband served a two-year mission for the Church of Jesus Christ of Latter Day Saints. They now spend their time between their farm home in Laurens, South Carolina, and Lilburn, Georgia. They enjoy serving in the church and family activities with their three children, 10 grandchildren, and a great granddaughter.

**Virginia "Ginny" Lang BSN'67**, received the Charles A. Dukes Award for Outstanding Volunteer Service. The Award honors alumni volunteers who serve in leadership roles at the University and have devoted themselves to extraordinary, long-term efforts that help Duke further its mission.

Ginny is an emeritus member of the Nursing Alumni Council at DUSON and the former chairperson of the Nearly New Shoppe, the Duke thrift store founded by a group of Duke Health faculty spouses to fund student scholarships. Ginny is a tireless volunteer at the Nearly New Shoppe, helping customers and collecting donations.



**Bonnie Buff, BSN'62**, has been retired since 2012 but still keeps busy with water aerobics most days. Her granddaughter, Colby, just became a member of the Duke Class of 2021. She says Duke classmates Pat Agre, Sally Taylor, and Marty Hawley stayed with her for the reunion in April.

**Marianna Sherman Jaeger, BSN'62**, is a real bridge nut and obtained her "Life Master" in January 2017. She loves the North Carolina mountains and spends the warm weather months at her place in Spruce Pine, North Carolina.

**Louise Dise Borden, BSN'63**, continues to travel throughout the world in retirement. Her husband, **Ernest, MD'66**, retired from Cleveland Clinic about four years ago, and they have moved from Cleveland to Madison, Wisconsin, to be close to a daughter and son-in-law and three grandchildren.

**Pamela Yancy, BSN'63**, retired as nursing professor from Spalding University. Her son, Scott Yancy (Col. Ret.), just retired from the U.S. Air Force as a first officer for American Airlines. Her daughter, Tina, survived Hurricane Harvey. Pamela and her husband Try (Col., Ret.) enjoy their four grandchildren, ages 9 – 13.

**Diane McGovern Billings, BSN'64**, conducts workshops for faculty about best practices in teaching and evaluation, and a review course for the certified nurse educator exam. She writes the pie blog — [peopleplacespies.com](http://peopleplacespies.com).

**Brenda Hemphill Stone, BSN'66**, is retired from her nurse practitioner position in the Department of Neurology at Johns Hopkins Hospital. She volunteers as an end-of-life doula with Talbot Hospice. She also is a member of The Bumper "T" Caring Clowns volunteer organization dedicated to making a positive difference in the lives of hospitalized patients, their families, friends and caregivers. She says therapeutic clowning is a powerful tool in promoting the healing process. This is a photo of her in her character as clown Nurse Lily-Belle. Her clown partners are Dr. Goodwrench and Dr. Gesundheit.



**Judi Harlow-Huben, BSN'64**, says she is still "nursing" friends and family in Bluffton, South Carolina. She sings in the chorale, plays social tennis, walks dogs and paints for a dear friend when he needs her. She and her husband Steve have four children and seven grandchildren.

**Elizabeth "Betsy" Reeves Leverton, BSN'64**, has retired after working as nursing faculty for 47 years in medical-surgical nursing. She and her husband Roger moved to the Rocky Mountains in Colorado, where they both continue to volunteer in Rocky Mountain National Park.

**Rose Satterfield-Keller, BSN'64**, changed her career in 1975 and became a dentist. She still works in dental practice in Danville, Virginia. She has two children and four grandchildren.

**Robin Gunning, BSN'65**, is currently the longest serving member of the Rainbow Babies and Children's Hospital's Ethics Committee. She and David, her husband of 52 years, enjoy traveling, gardening and family gatherings.

**Martha Boland, BSN'66**, and her husband Jim recently celebrated their 47th wedding anniversary. They have two sons and five grandchildren. She and her husband are retired and spend their time between Florida and the mountains in North Georgia.

**Sheila Rice Evans, BSN'66**, continues to volunteer with the Orange County Department on Aging. She works with the Aging in Place committee (Neighborhood Connections) and the End-of-Life committee. She is also involved with care-taking issues, particularly with clients with dementia. Pilates, fitness and walking are part of her daily program as keeping healthy and exercising are top on her to do list. She has traveled a great deal this summer with many beach trips and lake visits as well as a fascinating trip to the Galapagos Islands.

**Judith Mayes, BSN'66**, continues with part-time psychotherapy practice and is active in local volunteer activities.

**Sandra Averitt, BSN'67**, and her husband, Dick, have almost completed the first part of the Great Loop on their 40-foot boat, *Amazing Grace III*. They have traveled from St. Petersburg, Florida, to Brewerton, New York, on the Erie Canal. They will put the boat in heated storage for the winter, returning in May or June depending on the winter thaw and plan to complete the loop, traveling to Montreal, Ottawa, across the Trent-Severn to Georgian Bay. They will continue through the Straits of Mackinaw, down Lake Michigan, through Chicago, down the Illinois to the Mississippi, connect with the Ten-Tom to Mobile, Alabama, and around the panhandle back to St. Petersburg. They hope to finish in late November or early December 2018. The couple is celebrating 50 years of marriage by engaging in this great adventure. Their blog is [averittsadventure.wordpress.com](http://averittsadventure.wordpress.com).

**Betty Griffeth Davis, BSN'67**, retired as professor emerita of nursing from the University of South Carolina Upstate in 2009, after 31 and a half years. Child health was her primary area of expertise. She developed curriculum, implemented distance education courses, and co-authored and directed a grant,

which provided genetic education to nurses in South Carolina and North Carolina. She completed a master's degree in family health nursing at Clemson University and was a visiting instructor there. Early in her career she worked at Egleston Children's Hospital, Atlanta, Georgia, and after she married her husband

Michael, they lived in southern Italy during his U.S. Air Force assignment. She has a daughter, Jennifer; a son, J. Michael; a dog; a grand-kitten; extended family; friends; and church. She is grateful for the impact of a Duke education and experience on her life.

**Barbara "Bonnie" Butt McLean, BSN'67**, has written a book titled, *Interpretive Medicine: The Return of the Soul to Healthcare*, which was published by Balboa Press/Hay House in 2017. Duke Integrative Medicine is featured. The book is available on Amazon and Barnes & Noble. Her author name is Bonnie McLean.



## Thanks to Our 2018 Reunion Class Representatives

### *For Making This Year's Event Such a Success*

Carol Clarke, BSN'68

Nancy Coll, BSN'68

Sam Stanley Alden, BSN'68

Sandra (Sindy) McCrystle, BSN'73

Carol Wynne, BSN'73

Constance Vaught, BSN'73

Kristen Keirse, BSN'73

Kathryn (Katie) Oppenheim, BSN'78

Nancy Parker Giguere, BSN'78, P'06, P'12

Susan Thomas, MSN'83

Rebecca Addison Jordan BSN '83

Chris Winkelman, MSN'83

Caryn Bowden, MSN'03

Linda Kim, BSN'08

Heather Endriss, MSN'08

Tammey Wilkerson, MSN'13

Donna Ryan, DNP'13

**Sarah Flinton Sparrow, BSN'67**, earned a law degree from UNC-Chapel Hill in 1982, and later earned certification in business and consumer bankruptcy law from the North Carolina Bar and American Board of Certification. In 2014, she became senior counsel with Tuggle Duggins, P.A. She and her husband Donnie have a son and daughter and four grandchildren. They live in Greensboro, North Carolina.

**Martha "Muff" Urbaniak, BSN'67**, had the mental health clinic at the Center for Child and Family Health-NC in Durham named in her honor in 2016 in recognition of her efforts to help raise funds to establish the Center for Child and Family Health and to spread awareness of the effects of trauma on children and their families.



Martha Urbaniak

**Diane Snow, BSN'67**, received the 2017 Living Legend Award from the International Society of Psychiatric Nurses.

**Kristen Wolfe Goff, BSN'67**, has retired, and she and her husband **Dave, MHA'67**, are dividing their time between Virginia and South Carolina to enjoy being close to children and grandchildren. She said she thoroughly enjoyed the class of 1967's 50th reunion in April.

**Kathryn Gould Anderson, BSN'68**, and her husband Jeff moved from Cincinnati, Ohio, to Florida in 2016. The couple built a retirement home on the Gulf Coast, which she said is a new beginning for them as they recover from the death of their son, Michael, a securities trader, who was killed during the September 11 World Trade Center attack.

**Carol Farmer Clarke, BSN'68**, is still involved in her real estate company, mostly enjoying a retirement lifestyle. She spends time at her farmhouse on the Potomac River and loves having both children close by in Charlottesville, Virginia. She has four grandchildren.

**Pat Ketcham, BSN'68**, got married last year after 12 years of widowhood, and she is joyous to have a second chance at happiness. Shortly before Hurricane Harvey, she moved from Hawaii to the Houston, Texas area to be closer to her family. Luckily she and her family were not flooded and did not lose power.

**Betsy Grier Yarborough, BSN'68**, loves her retirement. She volunteers and enjoys hobbies she did not have time for during her working years. She plays golf and bridge and participates in three book clubs. She and her husband Mike have traveled to six continents, and they enjoy visiting their grandkids in California, Texas and North Carolina. They have four children and two grandchildren, ages six months to 21 years.

**Christina Johns, BSN'69**, retired in July 2017 after nearly 50 years of active nursing and moved to her house on Hatteras Island, North Carolina. She plans to renew her hobbies of pottery and needlework, and volunteer in the community as well. She has four children and 11 grandchildren.

**Lucy Hendrick Kernodle, BSN'69**, enjoys her retirement and has more time to travel and spend time with her children and granddaughter. Her husband continues to work as an orthopaedic surgeon at Kernodle Clinic. Her older daughter, Cary Kernodle Anders, is an associate professor of medicine at the Lineberger Cancer Center at UNC-Chapel Hill. Her youngest daughter, Catherine Kernodle Bannon, has moved to Chapel Hill this summer and works in sales. Lucy and her husband enjoy time at the North Carolina coast and recently took a trip to Scotland, Wales, and Ireland.

**Kristina Meservey, BSN'69**, is engaged to be married to J. Ross MacLean Jr. in summer 2018. She was one of 98 certified pediatric nurse practitioners who took the initial certification exam in 1977 to successfully maintain her licensure and certification maintenance.

## 1970s

**Mary Emily Cameron, BSN'70**, has retired after spending years as a certified pediatric nurse practitioner and working in the academic setting. She continues to work with children as a preschool teacher at her church and in a Christian afterschool program in Camden, New Jersey. After becoming aware of the number of illiterate adults, she began working with them weekly. She enjoys spending time with her three great nieces on their farm in Oregon.

**Rebecca Yates, BSN'70**, returned to her hometown of Charlotte, North Carolina, in 2015, where she teaches maternal child and psychiatric nursing at ECPI University. She works for Carolinas Healthcare at Carolinas Medical Center Northeast as a lactation consultant. An international board certified lactation consultant, she provides community service by teaching breastfeeding classes at two BabiesRUs stores in the metro Charlotte area. In addition, she is a sales consultant for a medical device for pregnant and postpartum women called Mamastrut. When she is not working, she is clogging, square dancing and spending time with her nine-year-old grandson, who now lives in Charlotte.

**Jane Rohrbaugh, BSN'72**, retired from her work as a pediatric nurse practitioner two years ago and has been working as a temporary nurse in offices and clinics. She practiced for 40 years and was a preceptor for many nurse practitioner students through several universities in St. Louis, Missouri. She was awarded Preceptor of the Year from the University of Missouri in St. Louis in 2005. For the past two summers, she has spent time relaxing by her lake house in Ohio reading books. Both of her kids are film directors and film writers in Los Angeles and New York. Her daughter released her first full-length narrative film, *Beck's*, which won the Los Angeles Film Festival in June 2017. Her son has completed his first full-length documentary. She has two grandsons ages 6 and 4 years. Her husband is a child neurologist and is still practicing.

**Carolyn Ames Steuart, BSN'72**, is a lead nurse at Durham Connects, doing postpartum home visits for mothers and their newborns. She also trains nurses from communities around the country in the Family Connects model of care. She also works as a professional photographer. Her website is [lynsteuartphotography.com](http://lynsteuartphotography.com).

**Judy Heimann, BSN'73**, has taken a new position as chief compliance officer for Advantage Care Physicians in New York City.

**Gayle M. Kenny, BSN'73**, recently retired from the State of New Mexico; initially as Education Director for Public Health Emergency Management, then Bureau Chief for the Infectious Disease Bureau and the State Employee Benefits Bureau. She has always incorporated her bass playing throughout the years, but is now a 100 percent musician in Santa Fe jazz, blues, Latin, swing & pop groups, as well as classical orchestra.

**Katharyn May, BSN'73**, retired as dean of the School of Nursing at the University of Wisconsin last August and has spent the last year on sabbatical. She still writes and does senior faculty work part time. She plans to retire from her faculty position in early 2018 and travel with her husband Mike. She will stay involved at the University of Wisconsin as an emerita and plans to stay in Madison, Wisconsin.

**Barbara Davis Peacock, BSN'73, MSN'90**, and her husband are both retired and live at the beach in New Jersey. As a hobby, he fishes and she goes to the local shelter to cuddle cats.

**Susan Pickel, BSN'73**, no longer works at Broward Health Medical Center in Ft. Lauderdale, Florida, but remains an adjunct professor at Broward College teaching nurses basic arrhythmia analysis and other cardiology/heart failure/endocrinology concepts through the Department of Continuing Education. Her current hobbies are gardening (orchids especially), and learning about Bonsai plants and trees.

**Pamela Jackson Beeler, BSN'74**, is an editor and writer of patient education materials at Nationwide Children's Hospital. Her husband is a senior law partner at Porter Wright Morns and Arthur in Columbus, Ohio. Her son is an award-winning editorial cartoonist for the *Columbus Dispatch* newspaper. She has three grandchildren.

**Ann Kirk, BSN'74**, retired Oct. 16 from the city of Smyrna, Georgia, after serving for 23 years as the director of the Keep Smyrna Beautiful Department and executive director of Keep Smyrna Beautiful, Inc., a non-profit affiliate of Keep America Beautiful. She and husband **Dan Kirk, T'72**, celebrated their 45th wedding anniversary in May. They have two grown daughters and a 10-year-old granddaughter.

**Laurie Johnston Snead, BSN'74**, says that after 39 years of midwifery work and over 5,000 births, she has retired from a private practice in North Atlanta. She looks forward to spending more time with her husband John and their family of three children, partners, and five grandchildren.

**Mary Alice Classen Tinari, BSN'74**, is currently working two days a week in the ambulatory care department of the Fox Chase Cancer Center as a pool nurse. She has been an oncology nurse for 15 years at Fox Chase.

**Connie Bishop, BSN'75, DNP'12**, presented at the November North Carolina Nurses Association Doctor of Nursing Practice Annual Education Conference on "Retooling the DNP for Faculty" in Greensboro, North Carolina.

**Roberta Kaplan Schwane, BSN'75**, works a few hours a week as a nurse consultant for a local attorney. She and her husband are retired, enjoy life and travel a lot.

**Vedica Eastman, MSN'76**, is a faculty member in the Byrdine F. Lewis College of Nursing and Health Professions. She also serves as undergraduate clinical placement coordinator for nursing students. She has four granddaughters. Her daughter, who is also a Duke alumna, and her husband have two daughters and live in Prairie Village, Kansas. Her son, who is a Wichita State alumna, but a forever Duke fan, and his wife have two daughters and live in Windsor, Colorado. Her favorite thing to do is traveling to visit her granddaughters.

**Miriam Kaufman, BSN'76**, worked as a nurse in Kingston, Ontario, Canada, while attending medical school from 1976 to 1980. She completed a pediatric residency at McMaster Medical School in Hamilton, Canada, and a fellowship in adolescent medicine at the Hospital for Sick Children in Toronto.



**Leslie Ireland Prodonovich, BSN'76**, became an administrative house manager at a hospital in her community last fall. She is working part time, which allows her to spend more time with her family and friends.

**Elizabeth "Liz" Watson, BSN'76**, is a psychiatric nurse practitioner with Sandhills Pediatrics in Southern Pines, North Carolina.

**Brenda Ronk Martin, BSN'77**, retired in January 2017. She and her husband travel a lot, and she is also a literary tutor.

**Pamela Reis, BSN'77**, was inducted as a Fellow of the American College of Nurse-Midwives in May 2017. The fellowship is an honor bestowed upon those midwives whose demonstrated leadership, clinical excellence, outstanding scholarship, and professional achievement have merited special recognition both within and outside of the midwifery profession. She is also a commissioner of the Accreditation Commission for Midwifery Education Board of Commissioners and the

chair-elect of the American College of Nurse-Midwives National Program Committee.

**Eleanor Richards, BSN'77**, was recently featured in a *Washington Post* article on aging and growing.

**Mary Jane Stillwagon, BSN'77**, retired in August after 40 years working at Duke University Hospital. She had a great experience at Duke and many opportunities to both provide care and improve it. She is looking forward to travel, golf with her husband and fun times with her grandson.

**Cindy Lipton, BSN'78**, is a partner with her husband in their accounting firm and she uses her nursing skills for medical clients and forensic cases. The couple recently celebrated their 35th anniversary with all their children at the Jersey shore. Last year her oldest daughter gave birth to a girl, and Lipton is busy planning her other daughter's wedding for July 2018. Her son is pursuing a career in sports nutrition at the University of Georgia.

**Kristin Maloney Nesline, BSN'78**, has retired from labor and delivery nursing. She held a mini reunion of five School of Nursing friends last October to celebrate her 60th birthday.

**Karen Ward Scarborough, BSN'78**, is currently employed as shift nurse manager at Cardiothoracic Surgery at the Emory University Hospital inpatient operating room.

**Maureen Beck, BSN'79**, presented a poster at the Gerontological Advanced Practice Nurses Association conference in Nashville, Tennessee in October on education using tablets in a geriatric outpatient clinic.

**Cynthia Olsen Gates, BSN'79**, completed a year-long certificate in positive psychology in 2016. She now is shifting from the world of psychodynamic clinical work to train in integrative medicine health coaching. She is enrolled in the evidence-based Duke Integrative Medicine Health Coaching Program and hopes to be certified and licensed by next summer.

## 1980s

**Carole Klove, BSN'80**, recently assumed the role of general counsel and chief nursing officer for Elemeno Health, Inc., a digital technology company that provides a micro learning cloud-based platform to share best practices training to front-line health care teams. She lives in Reno, Nevada, and enjoys all activities, including golfing and fly-fishing.

**Elizabeth Adams Robison, BSN'80**, is director of the new four patient room simulated hospital at Northwest Florida State College, where she has been a professor of nursing for 11 years. For two years she chaired the financial committee for the International Nursing Association for Clinical Simulation and Learning. Robison and her husband Rob live in the panhandle of Florida, with one daughter living in Huntersville, North Carolina and the other in Charleston, South Carolina.

**Mary Fultz Spencer, BSN'80**, is a clinical nurse specialist and psychotherapist. She works at ZarZar Psychiatric Associates in Raleigh, North Carolina. She has been with the practice for 26 years. She lives in Raleigh with her husband David.

**Deborah Gharst Terry, BSN'80**, has recently married Dwayne Jackson. She continues to work as a pediatric nurse practitioner in the Epilepsy Center at Nationwide Children's Hospital in Columbus, Ohio.

**Kudos<sup>2</sup> for Catherine Gilliss, BSN'71**, former Duke University School of Nursing dean, who was named dean and vice chancellor at the University of California, San Francisco (UCSF). Gilliss earned her PhD at UCSF and was a member of their faculty from 1984-1998.

In addition, Catherine was honored with Duke's University Medal from President Vincent Price at this year's Founder's Day celebration (pictured here). The Founder's Medal is Duke University's highest award for service.



**Ellen Donaldson, BSN'81**, is enjoying early retirement after 27 years in the pharmaceutical and health care communications businesses. She is active in community philanthropy and local politics and is a power walker. She lives in Davidson, North Carolina, and enjoys travel, the ballet and seeing friends from her Hanes House days at Duke.

**Myreda Erickson-O'Brien, BSN'81**, moved back to Annapolis, Maryland, in 2010 after the loss of her husband in 2009, and began working at the University of Maryland Medical Center in Baltimore as a neonatal nurse practitioner in the neonatal intensive care unit. She started working on her doctor of nursing practice degree at the University of Maryland in 2014 and should be finished by spring 2019. Her older son, Michael, works as a physical therapist in the sports medicine division at Children's Hospital in Denver, Colorado, and got married last year. Her daughter, Kelly, and her son, Patrick, live in Annapolis as well. In her spare time she loves traveling, particularly to visit U.S. national parks. She also sings with the Annapolis Chorale.

**Jenny Troutman, BSN'81**, recently celebrated her fourth year as a nurse practitioner in employee health at the Kansas City Veterans Affairs Medical Center. Along with a newly hired licensed practical nurse, she oversees the occupational health of more than 1,900 employees.

**Laurie Sayers Jeffers, BSN'82, DNP'14**, earned a doctor of nursing practice degree at Duke in 2014. She is an assistant professor at the New York University College of Nursing and teaches undergraduate and graduate programs in family nurse practice and nurse midwifery.

**Sarah Mondano, BSN'82**, is director of musculoskeletal services at Indian River Medical Center in Vero Beach, Florida. She tries to spend as much time as possible at her second home in Western North Carolina.

**Kathleen Jacobson Allen, MSN'83, GNC'95**, moved to the Forest at Duke Life Care Community in late 2016, after the death of her husband David. She retired from full-time work as a nurse practitioner in oncology at FirstHealth Moore Regional Hospital in 2005. She answered behavioral consults in long-term care facilities part time until 2016.

**Margaret Gall, BSN'83**, started her own health coaching and personal training business in spring 2017 called Strategic Wellness. The website is [strategicwellnessllc.com](http://strategicwellnessllc.com). In August, she and her husband Stan took a bicycling vacation to Glacier National Park. They rode up the Going-to-the-Sun Road to Logan Pass and down the other side.

**Margaret Muir, MSN'92**, is in the second year of the Doctor of Nursing Practice Executive Nurse Leadership Program at UNC-Greensboro and is focusing on cultural competency of health care providers with transgender and gender non-conforming patients. She is an active member of the diversity team and this past year wrote the nomination to win the Health System Equity, Diversity, and Inclusion Award.



**Lynne Brophy, BSN'84**, is a breast oncology clinical nurse specialist at the Ohio State University James Cancer Hospital and Solove Research Institute. In 2017, she was appointed a mentor and teacher for Dr. Bern Melnyk's Evidence Based Practice Immersion Program. Brophy and her husband **Jon, BME, EE'82**, are brand new empty nesters, and they will celebrate by returning to Durham for a basketball game this winter.

**Susan Fleming Kistler, BSN'84, MSN'94**, co-authored "Practical Telemedicine for Veterans with Persistently Poor Diabetes Control" in *Telemedicine and e-health*, May 2016. Her son, Henry Kistler, is a Duke junior and is studying at the University of Glasgow, Scotland, for the fall 2017 semester and she hopes to visit him. He was also abroad this summer in Amman, Jordan, through Duke Engage.

**Susan Ruddle Whitehurst, MSN'87**, is a managing director of advisory services at Teletracking Technologies.

## 1990s

**Lisa Lee Archer, MSN'91**, continues working at Duke Health, where she has been since 1984. She is a program manager for the Duke special constituent patient program. She lives in Durham with her 9-year-old golden retriever Molson.

**Michael Boucher, MSN'91**, retired in Jan. 2017 from the Department of Veterans Affairs after 43 years of combined military and civil service experience as a registered nurse and emergency manager. He now has a consulting firm for health care emergency management.

**Cheryl Brewer, MSN'94**, delivered the keynote address for the 2017 North Carolina Central University nursing graduates at their annual pinning ceremony.



**Carole Edwards Gibson, MSN'94**, recently retired from Richmond Community College's nursing program as nursing department chair. This summer she enjoyed being a grandmother and recently traveled with her husband Ron to Alaska on a cruise.

**Jeffrey L. Derry, GNC'97**, retired on Aug. 1, 2017.

**Phyllis Coulter Everett, GNC'97**, is working in the Duke Cancer Institute breast clinic in medical oncology. Prior to Duke, she worked in a health services clinic in Huddleston, Virginia, and at a genetics practice in Wilmington, North Carolina.

**Lisa Ring, MSN'97**, has been named a Conway Research Nursing Scholar for 2017-2018 at Children's National Health System in Washington, D.C. She will be working with expert nurse researchers to continue to improve pain management with non-sedated painful procedures.

**Gwendolyn Hightowe Waddell-Schultz, GNC'97**, is a chief nurse at Durham Veterans Administration Medical Center. She is involved with the Veteran Affairs Nursing Academic Partnership and Duke University School of Nursing's adult-gerontology nurse practitioner – primary care program to offer a clinical curriculum of veteran-centric care.

**Laurie Saxon Szoka, GNC'98**, continues to work as a family nurse practitioner at Cape Fear Family Medical Care and recently started working at the emergency department at Cape Fear Valley Medical Center. She intends to get an emergency department family nurse practitioner certification in the future. She precepts six nurse practitioner students a year.



**Kathy Trotter, GNC'98, DNP'12**, is the lead faculty for the Duke University School of Nursing Women's Health Nurse Practitioner Program, which is entering its third year, and going strong with 13 new students entering the fall 2017 cohort.

## 2000s

**Anne Derouin, MSN'00, DNP'10**, says helping to lead the Duke Pediatric Nurse Practitioner Primary Care Program to its number two national ranking has been a tremendous honor. Her daughters are both grown: one teaches AP Biology in high school, the other is a naval officer at Herdy Medical School.

**Alice W. Munyua, MSN'00**, is teaching in the community on health and wellness, clean and healthy eating, reducing stress in our lives, in addition to her full-time job. She has a business called Total Health, and she published her first book in September last year. She is working now on her second book which was scheduled to be out by October 2017.

**Janet Villiotte, MSN'98**, traveled to Antarctica with her husband Philip and ran the Antarctica Marathon. She finished second in the ladies 40-49 division, and seventh for women overall. When she is not training for endurance events, she is a full-time mom to their 13-year old son, Tommy. They love the outdoors and are delighted to call Cape Elizabeth, Maine, home.

**Charlene Leonard, MSN'01, GNC'02**, is the chair-elect of the pediatric advanced practice registered nurse subcommittee for the Society of Critical Care Medicine. It is the largest nonprofit medical organization dedicated to promoting excellence and consistency in the practice of critical care. She coordinated and edited the development of the smartphone app "PICU Essentials," the first comprehensive bedside reference app for pediatric intensive care unit practitioners. It includes text content contributed by other nurse practitioners from children's hospitals nationwide, including two other Duke graduates: Kristen Kreps Morroni and Elizabeth Macari.

**Emily McClung, MSN'02**, a Jonas Scholar, completed her PhD at Saint Louis University and teaches at Hiram College in Hiram, Ohio.

**Kelly Thompson-Brazill, MSN'02, DNP'16**, is now an associate professor in the Adult-Gerontology Acute Care Nurse Practitioner Program at Georgetown University's School of Nursing and Health Studies. Her recent publications include chapters in *Critical Care Nursing Certification: Preparation, Review, and Practice Exams*, seventh edition, and an October article in *Critical Care Nurse*.

**Nancy Steiger Hassell, BSN'03**, is a registered nurse at the Cleveland Clinic Lakewood emergency department.

**Le-Lan Le Jorgensen, MSN'03**, is going on her 15th year as a certified registered nurse anesthetist for Kaiser Permanente's flagship hospital in Oakland, California. She has evolved into a primarily obstetrics anesthesia practice.

**Nancy Rosebaugh, MDiv'80, BSN'03, MSN'08**, has co-published a book of essays titled, *Talking Gender: Public Images, Personal Journeys, and Political Critiques*. The book assesses the state of women's studies in the 1990s. It offers a broad picture of women's studies and feminist scholarship, which emerge as a rich, if sometimes dissonant, chorus of voices. The introduction and conclusion place the collection within the context of historical debates in women's studies and suggest some new directions for the field.

**Cynthia Hales-Herndon, MSN'04**, welcomed her newest grandchild in February 2017. In 2014, she began a nurse consultant position with the North Carolina Breast and Cervical Cancer Control Program at the Department of Health. In 2015, she earned certification as a clinical breast exam instructor.

**Amie Koch, BSN'05, MSN'08**, graduated with a doctor of nursing practice degree from East Carolina University in July 2017. She and her husband welcomed their son, Mark, into the world on May 21, 2017.

**John Skinner Milner, MSN'05**, is the program coordinator for the master's level nursing informatics and nursing leadership tracks at the Byrdine F. Lewis School of Nursing at Georgia State University. She also is working on her PhD in nursing, with a focus in bioinformatics from Augusta University (formerly the Medical College of Georgia), which she expects to receive in December 2018. She and her husband have adopted two children, biological brothers, and are working on adopting a third child, their biological brother. They will have kids ranging in age from 10 to 19.

**Toki Smith, MSN'06**, works as a CAT scan quality manager at the Duke Heart Center. She has been accepted to Fayetteville State University in the MBA concentration in health care program, expecting to graduate in 2019.

**Jane Worrell, BSN'06, MSN'16**, and her husband recently relocated to Boston. She is the new director of nursing and clinical services at the Dana Farber Cancer Institute satellite cancer center in clinical collaboration with South Shore Hospital.

**Barbara Barry, MSN'07**, joins the ranks of the International Nurses Association with an upcoming publication in the Worldwide Leaders in Healthcare. She is a certified nurse educator with 21 years of experience and extensive expertise in all facets of nursing, especially critical care nursing. She currently is working at Cape Fear Community College in Wilmington, North Carolina. She also is affiliated with Rex Hospital in Raleigh, North Carolina, and New Hanover Regional Medical Center in Wilmington, North Carolina. When she is not working, she enjoys reading, spending time outdoors and being with her family and friends.

**Lester Manalo, BSN'08**, and his family moved to Prague, Czech Republic, in the summer of 2015. He and his wife work at the U.S. Embassy there, where Lester is a nurse practitioner providing primary care for staff and families, with a focus on health promotion and disease prevention. In addition, he helps implement policies on disaster management and response. In 2017, he received a Franklin Award in recognition of his services.

**Linda Kim, BSN'08**, recently opened a daycare service for seniors with dementia, frailty and chronic medical conditions. After five years of practice in the inpatient setting and three years of planning, she opened this new business and has five employees who are all certified nurse anesthetists, licensed practical nurses or registered nurses. The business serves nine participant families. Her husband continues to do well as an engineer and both of their daughters are doing well in high school.

**Monica McKitterick-Smith, MSN'08**, completed a post master's degree in nursing education in 2014 and currently is practicing in private family practice in Albuquerque, New Mexico. She and her husband have two sons.

**Pamela Peaks, MSN'08**, has accepted a new position as associate clinical director of the Duke Heart Network. She also is a clinical associate for the Duke University School of Nursing, collaborating on a new perioperative nursing course for fall 2017.

**Susan Sander, PMC'08**, recently graduated from the University of North Florida with a doctor of nursing practice degree.

**Shane Anderson, BSN'09**, graduated from UNC-Wilmington in December 2016 from the master of science in nursing family nurse practitioner program, where he received the Nursing Scholar Award Scholarship. He started a family nurse practitioner practice at Novant Health Ironwood Family Medicine in Greensboro, North Carolina, in March 2017.



**Zhao Ni, BSN'14**, is currently a PhD student at DUSON. Born in Xichang, China, Zhao has been a member of our Duke community since 2013.

*Special thanks to Kristin J. Wainwright, DUSON PhD student, for her assistance with translating this poetry.*

### 《杜克护理学院前大树》

作者: 倪钊

2017年2月24日创作于美国杜克大学  
护理学院阅览室

杜克有大木，一支立高台。  
春夏供绿荫，秋冬守墨土。  
四载皆如是，不曾引我目。  
斜窗见其干，泪水湿满珠。

.....

#### **The Towering Tree Before Duke University School of Nursing**

Author: Zhao Ni

Wrote on February 24, 2017 at Duke University  
School of Nursing Quiet Reading Room

*A tree, standing tall  
Spring and summer, shading  
Autumn and winter, protecting the earth  
Every season, always giving  
Windows see its dry trunk  
Although my eyes are full of tears*

.....

While studying in the quiet reading room I looked out the window to a tall tree. It was the first time in four years at Duke University School of Nursing I noticed this tree. I thought about how this tree shades faculty and students in the spring and summer, and protects and holds the earth in the autumn and winter. My eyes teared as I thought how this tree gives, year after year, expecting nothing, much like the nurses who walk beneath it every day, caring for, protecting and giving to others, expecting nothing in return.

### 《在DUSON碰见Margie Molloy》

作者: 倪钊

2017年3月25日创作于美国杜克大学  
护理学院博士生办公室

寥寥一习语，清新淡雅随。  
关爱若有量，重若泰山顶。

.....

#### **Meeting Margie Molloy at DUSON**

Author: Zhao Ni

Wrote on March 25, 2017 at Duke University  
School of Nursing PhD Suite

*A few words, kind and caring  
If measured, her caring would surpass  
the summit of Mount Tai*

.....

This poem describes the day I met Margie Molloy at Duke University School of Nursing. She made me feel welcome in a new place, which meant a lot for me as an international student. Her kindness and caring said much more than her words, inspiring me to write: "if measured, her caring would surpass the summit of Mount Tai." Mount Tai is a place of great historical and cultural significance in China, a revered place of inspiration, making it an appropriate metaphor for an influential, momentous, or significant feeling.

**Buffie Bludworth Buchanan, PMC'09**, currently works for Mountain View Pediatrics in Morganton, North Carolina. She is married with two boys and is active with their activities and with her church.

**Kathryn Duarte, BSN'09**, became a clinical lead in the intensive care nursery at Duke University Hospital in May 2017.

**Iris Warszawski Jackola, BSN'09, MSN'15**, is working as a family nurse practitioner at Carrboro Pediatrics & Internal Medicine in Carrboro, North Carolina. She and her family live in North Durham.

**Peggy Walters, MSN'09**, was named North Carolina Nurses Association Nurse of the Year for 2017. She is the director of nursing education at Watts School of Nursing and director of education services at Duke Regional Hospital. She currently serves as an elected member of the North Carolina Board of Nursing. She and her husband Stan have a daughter, Laura Baker.

**Claire Richards, BSN'09**, recently graduated with a PhD in nursing from the University of Washington and started a post-doc program in health services at the Department of Veterans Affairs at Puget Sound and the University of Washington School of Public Health. She and her husband Ryan are nearing their four-year anniversary and have an infant son Paxton.

**Felicia Ruffin, MSN'09**, has been promoted to a clinical research program leader in the Duke Department of Medicine, Division of Infectious Diseases.



## 2010s

**Valerie Lapham, BSN'10**, welcomed her second baby into the world, Olivia Maise. She currently is taking a break from nursing to raise her children and looks forward to re-entering the field when the time is right.

**Preston Taylor, MSN'10**, is practicing independently in the Austin, Texas, area. He and his wife Katie have a 2-year-old son Wesley.

**Nancy Kay West, MSN'10**, has retired after 40 years of nursing and moved to the Ozarks.

**Edwin Aroke, MSN'11**, graduated from the University of Massachusetts, Worcester Graduate School of Nursing with a PhD in 2016. He currently works as an assistant professor in the Nurse Anesthesia Program at the University of Alabama, Birmingham, School of Nursing.

**Jason Crockett, BSN'11**, graduated from the UNC-Chapel Hill School of Nursing with a master of science in nursing degree in May 2017 and began working as a family nurse practitioner for Duke Primary Care in October. He and his wife live in Durham with their three-year-old son, and they were expecting a second child in September 2017.

**Courtney Morris Gardner, MSN'11**, recently started a new position as the medical director at Victory Junction in Randleman, North Carolina. Victory Junction is a camp for children with serious and chronic illnesses and is a place where they can forget being ill and enjoy being a kid.

**Angela Sparrow McKeand, BSN'11**, was married in July 2016.

**Jen Earls, BSN'12**, is a nurse leader and nurse manager of the emergency department and intensive care unit of a community hospital in the Kaleida Health System in Buffalo, New York.

**Alison Theis Goltermann, BA'08, BSN'12**, graduated from the University of Southern California Keck School of Medicine with a master of science in anesthesiology degree. She works as a certified registered nurse anesthetist at the UCLA Health System.

**Linda LoMonaco Murray, PMC'12**, recently became an empty nester. Her two daughters recently graduated from college; one in Austin, Texas; and the other in Greensboro, North Carolina. She is a hospital specialist at Abbott Nutrition and enjoys traveling, cooking and being with family and friends.

**Marsha Porter, MSN'12**, is the system executive director of perioperative services at Northeast Georgia Health System in Gainesville, Georgia (NGHS). NGHS is a level two trauma center and was recognized as Georgia's number one hospital three years in a row, in addition to many other national quality accolades. NGHS is pursuing Magnet designation as well as establishing a new GME program beginning in 2019.

**Natalia Terreros, BSN'12, DNP**, recently passed the family nurse practitioner boards, finishing her doctoral project for her doctor of nursing practice degree at the University of North Florida.



*"To have a friend and be a friend  
is what makes life worthwhile."*

**Janet Villiotte, MSN'98** and **Leigh Kyle McGraw, MSN'98**, of Portsmouth, Rhode Island, got together with their families in Portsmouth over the summer. They marked more than 20 years of friendship.

**Deborah Correnti, PMC'13**, moved from New York to New Mexico in August 2015. She has been working for the Visiting Nurse Service of New York, while she took the Duke Population Care Coordinator Program. Currently, she works for a federally qualified health center in Albuquerque and helps build and implement the first case management/care coordination program in clinics throughout New Mexico.

**Jennifer Ervine Day, PhD'13**, was named director of nursing research at the University of Maryland Medical Center in February 2017. Prior to this, she was a nurse scientist at the Johns Hopkins Hospital.

**Carlie Felion, MSN'13**, is now living in Glendale, Arizona, and working as a family nurse practitioner at Mayo Clinic Primary Care-Phoenix. She enjoys living in the culturally diverse area and caring for patients from all over the country and around the world.

**Sarah Ledford, MSN'13**, just completed her 15th year of active duty service in the United States Navy. She currently is stationed at the Naval Shipyard in Portsmouth, New Hampshire, where she serves as the department head of clinical operations. She recently was selected for the rank of Commander.

**Jaytoya Manget, MSN'13, DNP'17**, completed a DNP degree at Duke in August 2017. She welcomed a baby boy into her family in May.

**Carson McCafferty, BSN'13**, recently moved to New Braunfels, Texas, for her husband's last military assignment as a pilot in the U.S. Air Force. She accepted a clinical director position at a new ophthalmic ambulatory surgery center that is currently being built in Schertz, Texas.

**Gail Richardson, DNP'13**, works as a nurse practitioner at Kaiser Permanente in Atlanta, Georgia, and as a visiting professor in the Family Nurse Practitioner Program at Chamberlain College of Nursing. Her daughter attends Kennesaw State University and her son attends the Aviation Institute of Maintenance in Georgia.

**Emily Scranton, MSN'13**, and her husband **Patrick, B'13**, welcomed the birth of their son William in May 2017. She works as a nurse practitioner with the multiple myeloma group at Dana-Farber Cancer Institute.

**Christina Weaver, MSN'13**, and her husband relocated from Raleigh to Bennett, North Carolina, in 2016. She works as a clinical nurse educator at Randolph Health. She says her Duke education has served her well and the executive leadership consistently complemented her team on the "excellent" educational offerings provided. The chief nursing officer said her department is "providing the highest quality programs I have seen in my 15 years here."

**Tammey Wilkerson, MSN'13**, is the nurse manager of the adult cardiac catheterization lab, electrophysiology lab and the cardiovascular step-down unit at Duke University Hospital. She began her career at Duke in 1988 as a staff nurse and then became a catheterization lab nurse and mobile catheterization lab staff nurse. In April 1994, she became nurse manager and then administrative director of the mobile catheterization program. Her son works at Duke Health Technology Solutions, her middle child is a Duke nurse, and her youngest child works for Duke Temporary Services while in college.

**Rebecca VanZandt Albertson, BSN'14**, has been hired as a school nurse in a Title 1 low-income school. She says her emergency room experience has served her well in triaging both physical and mental health situations. Soon she will sit for the National Certification Exam for School Nurses. She and her husband Winston have three children.

**Ryan Cedermark, BSN'14**, presented a case study at the International Association of Functional Neurology and Rehabilitation in Henderson, Nevada, in November. It was on the effects of concussion on the brain-gut axis.

**Yeshe Conn, MSN'14**, works as a medical oncology nurse practitioner at the Thoracic Oncology Group at the Duke Cancer Center. She completed the Duke Johnson & Johnson Nurse Leadership Fellow Program in May. She also completed the Huayhuash mountain circuit trekking this summer in Peru.

**Kayla Delk, MSN'14**, has been a hospitalist at Laughlin Memorial Hospital in Greeneville, Tennessee, for two-and-a-half years. She is married to Kevin, a radiologist at Laughlin. They have a dachshund named Oscar. In July, she finished running the Badwater 135-mile race for the second time with her husband. The race starts at Badwater in Death Valley, California, and goes to Mount Whitney, California.



Kayla and Kevin Delk

**Jocelyn Hoffman, MSN'14**, had a son, Henry Woudstra, on June 9, 2017.

**Melissa Marsh, PMC'14**, works at an OB/GYN office and completed a lactation consultation certification.

**Hillary Mennella, DNP'14**, continues to love her work as the Cerritos College associate dean of student health and wellness since graduating from the Duke Doctor of Nursing Practice Degree Program in 2014. She and her husband Jerami welcomed a baby girl, Francis Kech, in April 2017.

**Venice Maylea Bien, DNP'15**, is involved as a nurse practitioner leader in a growing program for Kaiser Permanente. The Regional Spine Center Program services the Southern region of all the company's members. She is expecting her first daughter.

**Danielle Clement, BSN'15**, and her husband welcomed a daughter, Gracie Skye, into the world in March 2017. Clement is finishing her last year in the Women's Health Nurse Practitioner and HIV Certificate Program at Duke, graduating May 2018.

**Laura Duff, BSN'15**, is a registered nurse on a medical surgical floor at Winchester Hospital in Winchester, Massachusetts. This summer she celebrated her marriage to Ethan Crockett.

**Ralph Mangusan, GNC'15**, took employment as a nurse practitioner at Western North Carolina Community Health Services immediately after graduation from the Duke Nurse Practitioner Program with an HIV/AIDS focus. The center provides primary care to over 17,000 patients in Western North Carolina. It is also a Ryan White Facility, which cares for over 700 people living with HIV/AIDS. He has been involved in the Transgender Care Program, and successfully launched the anal dysplasia screening program. He is actively assisting in initiating the hepatitis C and opioid abuse treatment programs and continues coordinating studies for the Cardiothoracic Surgical Trials Network. He was a co-author in a recently published article in the *Journal of the American Medical Association*.

**Brennan Parmelee, MSN'15**, moved to Houston in 2015 and began a job as a registered nurse stem cell transplant coordinator at Houston Methodist, the number one ranked hospital in Texas. She was recognized as the 2016 Rising Star Alum of the University of Texas, where she received her bachelor's degree in nursing.

**Amanda Woodhull, MSN'15**, works as an infectious disease nurse practitioner at North Memorial Health near Minneapolis, Minnesota. She has a special interest in HIV and viral hepatitis. She spent the summer buying her first house and renovating it. She also has been competing in Crossfit competitions, which has been extremely challenging both mentally and physically, but she loves every minute of it. She has a nine-month-old golden retriever puppy that is full of energy and snuggles.

**Sarah Baxt, MSN'16**, has accepted a new position as the orthopaedic/spine coordinator at Wake Med in Raleigh. She recently completed a fellowship at Colorado University Sports Medicine.

**Nancy Dias, PhD'16**, started a new job as an assistant professor. She submitted a manuscript for review and completed a one-year postdoctoral fellowship.

**Rebecca Buckley Donahue, DNP'16**, is working as a nurse practitioner in hospice and palliative care at a veteran's affairs hospital. She and her family have moved from Tucson, Arizona, to Dayton, Ohio, for her husband's military career.

**Sara Hubbell, DNP'16**, was awarded the American Academy of Nurse Practitioners State Advocate Award in June.

**Kina Jackson, MSN'16**, accepted her first nurse practitioner position at the W.G. Bill Hefner Veterans Affairs Medical Center in Salisbury, North Carolina, in the Department of Geriatrics and Extended Care, Community Living Center. She also is working on her doctor of nursing practice degree at Duke, which she plans to complete in fall 2018.

**Natalie Klein, BSN'16**, works in the neuroscience intensive care unit at Duke. She has started to become more involved with mentoring new graduate nurses and plans to take the critical care registered nurse certification this fall. She lives in Durham with her fur children—Lola, a black lab, and her horse, Belle. She loves checking out local events in the community.

**Lydia Nefedov, MSN'16**, says she recently started her dream job as a cardiothoracic surgery nurse practitioner. The job came along after she was six months into her first job as a nurse practitioner and was not satisfied with the position. She lives in North Las Vegas, Nevada.

**Andrew Setchko, BSN'16**, is in nurse residency in the cardiovascular intensive care unit at Legacy Emanuel Hospital in Portland, Oregon.

**Jennifer Stratman, MSN'16**, is a bar code medication administration and informatics coordinator at William Jennings Bryan Dorn Veterans Affairs Medical Center in Columbia, South Carolina.

**Tyler Terry, MSN'16**, is currently enrolled in the Post MSN Adult-Gerontology Acute Care Nurse Practitioner Program at Duke. She and her family recently moved from Hawaii to the Triangle and live in Mebane.

**Michael Turnington, MSN'16**, was recently commissioned as lieutenant in the U.S. Public Health Service and works for the Indian Health Service in the Inland Northwest in Washington. He works with underserved populations with limited resources, while maintaining deployment readiness for disaster response. He is also active as a medic with his county's SWAT team. His wife is a physical therapist in a local critical access hospital and they have three kids. They live near British Columbia, Canada, and love the variety of geographic features from arid to Alpine.



*Kim Wetherington*

**Kim Wetherington, MSN'16**, graduated from the Family Nurse Practitioner Program in August 2016 and passed boards the following October. She decided to take some time off during her pregnancy and welcomed her little girl to the family in January 2017. In April, she started working as a nurse practitioner at a private GI practice in Greenville, North Carolina. She recently attended a GI conference in Chicago sponsored by the American Gastroenterological Association. She was pleased to learn more about various GI related disorders, as well as meet other new nurse practitioners who are also specializing in the field of gastroenterology.

**Laura Harolds Miller, DNP'17**, and her husband welcomed their first baby, Savannah, in August 2017.

**Michael Leona, BSN'17**, is working on the pediatric floor at Carilion Roanoke Memorial Hospital in Roanoke, Virginia. He and his wife Stephanie enjoy the outdoors with their dog Pepper.

**Sandra "Sam" Richardson, MSN'14, DNP'17**, recently completed her doctor of nursing practice degree in health care administration at Duke.

**Elizabeth Hoffman Romance, MSN'17**, graduated with a master of science in nursing degree in May 2017. She got married in July, and in August she started her first job as a nurse practitioner at the Duke Cardiothoracic Surgery Step-Down Unit. She went on a mission trip to Haiti in October 2017.

**Regalado Valerio, DNP'17**, recently presented a poster of her doctoral project at the International Research Congress for the Sigma Theta Tau International Honor Society of Nursing in Dublin, Ireland.

**Brittney "Sullivan" van de Water, PhD'17, RN, CPNP**, graduated this spring from Duke University School of Nursing's PhD program. She began a postdoctoral fellowship at the Department of Global Health and Social Medicine at the Harvard Medical School. She recently married, and she and her husband look forward to welcoming a baby later this fall.

### 1940s

Marjorie V. Goff, BSN'48  
Myra Bland House, BSN'49  
Betty Burrow Osborne, BSN'47  
Chispah Freeman Ivey, RN'48

### 1950s

Betty Jane Larson Fischer, RN'53  
Janet Brunson Sublette, RN'53  
Laura Morrison Trivette, RN'54  
Virginia Tate Williams, BSN'56  
Jessie Propet Kiser, BSN'57  
Mary Jo Ingalls Purvis, BSN'57  
Elaine Mygrant Gleason, MSN'59

### 1960s

Margaret Weaver Boling, BSN'62  
Catherine T. Betz, MSN'62

### 1970s

Karen Hilbert Pandolfi, BSN'75

### 1990s

Annie R. Langley, MSN'09

### 2000s

Sandra Louise Terry, MSN'04

## In Memoriam

March 22, 1956 – September 7, 2017



We remember our colleague and alumnae Annie Ruffin Langley, MSN'09 for her 37 years of service to the Duke University Health System including the School of Nursing. Annie joined Duke as a Radiology File Clerk in 1980 and held a series of nursing and clinical research positions in the Health System after earning her BSN from the University of North Carolina Chapel Hill in 1994.

It was during her tenure with the Duke Oncology Network from 2000-2008 as a clinical trials coordinator, that Annie co-authored the first ever, comprehensive standard operating procedures manual for Duke Oncology Network. At the School of Nursing, Annie served as Manager, Clinical Placement Operations, where she and her team managed hundreds of student clinical placements each year through a network of more than a thousand clinical placement sites.

Annie's warm smile and quiet grace will be deeply missed.



## DANCE in the OR

Perioperative Nursing (NURS 462) is a three-credit elective designed, planned, and implemented through DANCE, an academic-practice partnership between DUSON and the Duke University Health System. Not only does this elective allow students to have an innovative experience, it also meets a growing need to recruit and retain nurses due to the imminent shortage of perioperative nurses.

Students receive course instruction and then apply this knowledge through hands-on experiences at several Duke Health perioperative facilities. Plans are for a second perioperative nursing elective to be offered to students who wish to continue this experience into their preceptorship.

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Durham, NC 27710

# Reunion 2018

**Save the Date**  
**April 12–13, 2018**

Reunite, Reminisce, Reconnect