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magazine

impact

CARING

INVESTIGATING

LEADING

ADVOCATING

Duke Nursing magazine

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Volume 9, No. 1

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Bringing Health to People at Home and Abroad



The critical role of nurses in caring for patients, families, and communities is apparent, not only to those of us who are practitioners but also to anyone who has spent time in a hospital or clinic. This issue of *Duke Nursing* magazine explores the notable impact our students, faculty, and alumni are making in the region and the world.

This past summer, U.S. Health and Human Services Secretary Kathleen Sebelius visited the School of Nursing to announce that Duke University Hospital and Health System is one of five hospitals in the country selected to participate in a \$200 million, four-year project to dramatically increase the number of advanced practice nurses providing primary care in underserved areas. This innovative program, which has slated approximately \$50 million a year to be divided among the five participating sites, will help prepare nurses to deliver care to millions of newly insured citizens seeking care under the Affordable Care Act.

This issue of the magazine also explores clinical work and research conducted by our faculty in the hope of bettering the lives of people with HIV/AIDS. For instance, Dr. Les Harmon, a former architect who came to nursing as a second career, helped start an HIV clinic in Henderson, N.C. Drs. Julie Barroso and Michael Relf are working to better understand the stigma experienced by people living with HIV or AIDS. The stigma surrounding these illnesses can interfere with a person's ability to seek care and follow health

regimens that drastically improve health and increase lifespan.

Stigmas are associated with a number of illnesses, and unfortunately some are perpetuated by well-meaning practitioners. Patients experiencing debilitating pain from sickle cell disease often receive poor treatment due to stereotypes, but Dr. Paula Tanabe hopes to change that with a new three-year research grant. She is developing evidence-based guidelines to improve emergency room care for people with sickle cell disease and put an end to the perception of these people as drug addicts.

Our school's service to society is not just focused regionally or nationally, but also stretches around the globe. Over the past several months, faculty members, researchers, and students have participated in cultural and educational exchanges with counterparts in Wuhan, China, a region known as the Silicon Valley of China and home to several top-tier universities and hospitals. These exchanges have opened dialogues that will benefit American and Chinese researchers and help both countries address the health care needs of many, particularly our growing elderly populations.

I hope you enjoy this issue of the magazine and see for yourself the impact our school is making in addressing the complex health care needs of our society and improving the lives of patients.

Catherine L. Gilliss, BSN'71, PhD, RN, FAAN
Dean and Helene Fuld Health Trust Professor
of Nursing
Vice Chancellor for Nursing Affairs

New Faculty Appointments



Virginia "Chris"
Muckler



Brett Morgan



Wei Pan

Virginia "Chris" Muckler, DNP, CRNA, is an assistant professor and clinical education coordinator (CEC) for the Nurse Anesthesia specialty in the MSN degree program, a post she held in an interim capacity since Fall 2011. As CEC, Muckler is responsible for the management of the nurse anesthesia specialty's clinical sites and preceptors as well as CRNA student clinical experiences. She will teach a number of nurse anesthesia specialty courses.

After serving on active duty in the United States Air Force, Muckler earned a BSN at Auburn University. She completed an MSN at the University of North Carolina at Greensboro (in conjunction with the Raleigh School of Nurse Anesthesia), achieved certification as a CRNA, and joined the staff of Durham Regional Hospital in 2002. Since then, she has held managerial and staff positions as a CRNA at Durham Regional, and in those capacities served as a clinical preceptor for Duke nurse anesthesia students long before coming to the Duke University School of Nursing.

Muckler earned a DNP degree from the School of Nursing in 2011 with "Focused Anesthesia Interview Resources (FAIR) to Improve Efficiency and Quality" as her capstone project. Her scholarly interests include the evaluation of educational preparation of registered nurses for preoperative anesthesia, day-of-surgery cancellations and delays, and the use and effect of intravenous acetaminophen in orthopaedic surgeries. She is a member of the American Association of Nurse Anesthetists, North Carolina American Association of Nurse

Anesthetists, *Sigma Theta Tau*, the American Nurses Association, and the North Carolina Nurses Association.

Brett Morgan, DNP, CRNA, is an assistant professor and assistant director of the Nurse Anesthesia specialty in the MSN degree program. In this role, he is responsible for on-campus and online didactic instruction, as well as student admissions and student evaluations for the CRNA program. He graduated from Virginia Tech with a BS in human nutrition, foods, and exercise and completed an undergraduate nursing education with a BSN at The Johns Hopkins University. In 2006, he completed an MSN at Georgetown University and achieved CRNA certification. He earned a DNP at Johns Hopkins in 2009.

Morgan comes to Duke from the Raleigh School of Nurse Anesthesia/ University of North Carolina at Greensboro, where he coordinated the graduate didactic curriculum and capstone project process. He also served as lead CRNA and instructor on UNC-G surgical/medical mission trips to the Dominican Republic in 2011 and 2012. Morgan has practiced anesthesia in Raleigh, N.C., since 2007 in a variety of clinical settings, including Level 1 trauma, cardiovascular surgery, pediatric and neonatal surgery, outpatient surgery, and obstetrical anesthesia. He has served on anesthesia practice committees within multiple departments of anesthesiology throughout Raleigh.

His clinical and scholarly interests include evaluation of the practice

of anesthesia (internationally and domestically) as well as effective practices in the preparation of CRNAs, quality improvement and safety in anesthesia care, and policy developments that guide the practice of anesthesia delivery by nurses. He is a member of the American Association of Nurse Anesthetists and has served on several committees of the North Carolina Association of Nurse Anesthetists.

Wei Pan, PhD, is an associate professor in the DNP and PhD degree programs. He came to Duke from the School of Education at the University of Cincinnati, where he was associate professor of quantitative research methodology. He received a PhD in measurement and quantitative methods from Michigan State University in 2001 and an MS in mathematical statistics from Fuzhou University, China, in 1989.

Pan is a highly regarded quantitative methodologist and applied statistician with solid experience teaching a broad range of statistical courses at both the master's and doctoral levels. He will teach research methods and statistics courses and serve as a consultant to faculty and doctoral students.

His research work focuses on causal inference, propensity score analysis, resampling, multilevel modeling, structural equation modeling, and meta-analysis, and their applications in the social, behavioral, and health sciences. He has been involved in many research grants and projects funded by federal agencies such as the NIH, the National Science Foundation, and the U.S. Department of Education.



Marilyn Hockenberry

Leigh Ann Simmons

Michael Cary

Marilyn Hockenberry, PhD, RN, PNP-BC, FAAN, is a professor of nursing. She is a distinguished leader in pediatric oncology and evidence-based practices and outcomes, is actively involved in the school's cancer-related research initiatives, and teaches in the DNP degree program. She also serves as one of the 11 chairs of the Duke Institutional Review Board.

Prior to her current position at Duke, she was professor of pediatrics at Baylor College of Medicine. She served as the nurse scientist for the hospital and director of the pediatric nurse practitioner program in the Texas Children's Cancer Center at Texas Children's Hospital (TCH) from 1994-2012. At TCH, she served as director of the Center for Research and Evidence-based Practice from 2002-2009 and director of the Evidence-based Outcomes Center from 2004-2009. Earlier in her career, she practiced as a hematology/oncology nurse practitioner at Duke University Medical Center and was a clinical associate in the School of Nursing.

Hockenberry earned a BSN from Capital University in Columbus, Ohio, an MSN from Texas Woman's University, and pediatric nurse practitioner certification through Children's Hospital in Philadelphia. She earned a PhD in nursing with distinction from the Medical College of Georgia. Her research focuses on treatment-related side effects experienced by children who have cancer. She has authored more than 80 publications and has served for the past 10 years as senior editor for the Wong's

pediatric nursing textbooks published by Elsevier. She is a Fellow of the American Academy of Nursing. She was appointed as a member of the Children's Oncology Group Scientific Council in February 2011. She received the 2011 Distinguished Nurse Researcher Award and the 2011 *Journal of Pediatric Oncology Nursing* Writing Award at the 35th national conference of the Association of Pediatric Hematology/Oncology Nurses.

Leigh Ann Simmons, PhD, MFT, is an associate professor in the DNP degree program. She is also a senior research fellow in the Duke Center for Research on Prospective Health Care and a senior faculty fellow for clinical and translational research at Duke Integrative Medicine. She earned a PhD in child and family development from the University of Georgia, a master's degree in marriage and family therapy from MCP Hahnemann University (now Drexel University), and a BA in literature/writing from the University of California at San Diego.

Simmons comes from the Division of General Internal Medicine in the Duke University School of Medicine. Prior to arriving at Duke, she held an appointment as an assistant professor of family studies and health services management at the University of Kentucky. She served as a congressional fellow for the U.S. Senate Committee on Health, Education, Labor, and Pensions in 2003.

She was designated a Health Disparities Scholar through the Center on Minority Health and Health Disparities

from 2005-2010. A former Building Interdisciplinary Research Careers in Women's Health Scholar, she has published and presented nationally and internationally in the areas of health care policy, women's health disparities, peripartum health behaviors and decision-making, and personalized health care.

Michael Cary, PhD, RN, is an assistant professor of nursing in the Accelerated BSN degree program. He has more than eight years of nursing experience in long-term care, rehabilitation, and community health settings. Cary earned a BS in health services administration with a double minor in business administration and health information systems from James Madison University, as well as BSN and MSN degrees (health systems management concentration) from the University of Virginia. He completed a PhD at the University of Virginia School of Nursing in 2012.

Cary's dissertation research project, "Inpatient Rehabilitation Outcomes among Medicare Hip Fracture Patients," was funded by the National Institute of Nursing Research and lays the foundation for future work focusing on quality measures for rehabilitation, coordinated care, and the comparative effectiveness of different post-acute care settings. While completing his doctoral studies, he gained experience in teaching both undergraduate and graduate students in the classroom as well as in online learning environments.

Nursing Rises to 10th in NIH Funding

The School of Nursing received \$4.3 million in National Institutes of Health (NIH) funding in fiscal year 2012, ranking it 10th in the nation. The school rose from 15th in 2011—the largest rise this year among any nursing schools receiving NIH funds.

Since 2010, the school has consistently increased its NIH funding ranking, rising from 22nd in 2010.

“This is a major accomplishment for our school and contributes to DUSON’s growing reputation as an institution dedicated to intellectually strenuous inquiry that directly impacts patient care,” says Dean Catherine L. Gilliss.

“Our robust research program is an essen-



Trajectory of Excellence

tial part of Duke’s overall excellence in nursing education,” Gilliss says. “Our innovative faculty is committed to training nurses and furthering the profession through research.”

The awards were made from October 1, 2011, through September 30, 2012, and some awards will be allocated over several years.

This ranking comes on the heels of a recent \$2.5 million, five-year grant from the NIH that funds the Center for Adaptive Leadership for Cognitive/Affective Symptom Science, awarded beginning September 26. [see *related news brief below*] Through this center, Duke nurse researchers will conduct 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.

\$2.5M Grant Funds Center for Cognitive/Affective Symptom Science

In September 2012, School of Nursing researchers were awarded a \$2.5 million, five-year grant from the National Institutes of Health (NIH) to fund the Adapt Center for Cognitive/Affective Symptom Science. The center is co-directed by Ruth Anderson, PhD, RN, FAAN, the Virginia Stone Professor of Nursing, and Sharron Docherty, PhD, CPNP-AC/PC, RN, associate professor of nursing. The award is a P30 Center Core Grant, which creates a multidisciplinary center with several research cores. Chip Bailey Jr., PhD, RN, FAAN, and Bei Wu, PhD, are core directors in the center.

Funded under the NIH Center of Excellence for Symptom Science Research program, the center will conduct 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. The research will yield tailored interventions to enhance care for people with chronic conditions such as dementia, traumatic brain injuries, stroke, and atrial fibrillation.

Much of the center’s research will focus on adaptive approaches. “That means starting where the patient is and working with them to identify



Ruth Anderson

what their strengths are and how to build on those so that they gain capacity to participate in their own care,” Anderson says. For instance, Melissa Aselage, PhD, RN-BC, FNP-BC, assistant professor of nursing, is working with older adults with dementia to study alternative feeding techniques, such as hand-under-hand

feeding, that make use of any remaining capacity the adults have to feed themselves, so they will resist the feeding less.

“People don’t always expect patients with cognitive and affective symptoms to have the capacity for adaptation and self-management,” Anderson says. “We’re working on ways to assess people and pull out any level of adaptive capacity they might have that gives us a basis for giving them some participation and control in their care.”

Other Duke nursing professors funded by the center include Janet Bettger, ScD, FAHA; Karin Reuter-Rice, PhD, CPNP-AC, FCCM; and Kathy Wood, PhD, RN.





Historic Campaign Seeks \$43M for Nursing

In September, Duke University launched Duke Forward, its most comprehensive campaign to date, with a goal of raising \$3.25 billion over the next five years. A large component of the campaign is \$1.2 billion for Duke Medicine. The School of Nursing's contribution to that is a goal of raising \$43 million.

The school seeks to raise \$15 million in endowments for professorships and financial aid; \$10 million for capital improvements; \$5 million each for research, global education, and innovation and technology; and \$3 million for the School of Nursing Annual Fund.

The three-part theme for the Duke Medicine campaign is: Leading Discovery. Leading Care. Leading Education.

The School of Nursing will achieve this by:

- » Transforming the preparation of clinicians and scientists to meet the rapidly changing needs of individuals and families with complex health problems;
- » Promoting the development of diverse and global perspectives in teaching, research, and professional service to prepare culturally capable clinicians to reduce health disparities;
- » Developing and advancing innovations that lead to consistent use of evidence and best practices in teaching, research, and clinical practice, locally and abroad.

Just over \$500 million has been raised so far toward Duke Medicine's \$1.2 billion goal, and the School of Nursing has raised \$26 million so far towards its \$43 million goal.

For more information on how to partner with the School of Nursing to advance nursing, contact Director of Development Sallie Ellinwood at 919-385-3151 or at sallie.ellinwood@duke.edu.

Duke Joins Global Effort to Train Rwandan Health Care Professionals

The schools of nursing and medicine are among 13 U.S. schools partnering with Rwanda's Ministry of Health to build a high-quality and sustainable health system in Rwanda.

The seven-year Rwanda Human Resources for Health (HRH) Program was announced by former U.S. President Bill Clinton in July to address the country's severe health care worker shortage. The program will increase the number of faculty available to train future health professionals to build the infrastructure and workforce needed to create a sustainable health care system.

Each school has committed to send full-time faculty members to Rwanda.

The School of Nursing-affiliated nurses who will participate in the program include:

- » Carole Bennett, Psychiatric and Mental Health
- » Marie Collins Donahue, Pediatrics
- » Pauline Hill, Neonatal Intensive Care
- » Tracy Kelly, Pediatrics
- » Patricia Moreland, Nursing Education
- » Linda Vanhook, Adult Health

The U.S. faculty mentors will work for up to one year at four teaching hospitals in Kigali and Butare, as well as with district hospitals associated with diploma nursing programs in rural communities.

"This is a natural extension of Duke's commitment to global health," said Nathan Thielman, MD, Duke professor of medicine and global health and co-principal investigator of the program. "This puts Duke and the other collaborating U.S. institutions at the forefront of a new model for strengthening human medical education in resource-limited settings. If successful, this will likely be duplicated in many other countries."

Dorothy Powell, EdD, RN, FAAN, Duke professor of nursing, associate dean for global and community health initiatives and co-principal investigator, said, "It is exciting and such a privilege to partner with the government of Rwanda in strengthening its educational system for nurses and physicians, which will ultimately assist Rwandans to achieve a top-notch health care system for their people."

RWANDA



11.7 million
population

58.4 years
life expectancy

2.9% of adults
have HIV/AIDS

More than 15,000 Enroll in Nursing's First MOOC

The thought of 15,000 students in one nursing course may seem a bit far-fetched, but it's now a reality at Duke University School of Nursing, thanks to a new university-wide partnership.

Duke has begun offering Massive Open Online Courses (MOOCs) on the Internet free of charge in partnership with the company Coursera. The nursing course, Healthcare Innovation and Entrepreneurship, is one of 10 Duke online courses open to anyone, anywhere in the world. No grades are given in Coursera courses, and students receive no credit.

The six-week course will be taught by Marilyn M. Lombardi, PhD, associate professor and director of Duke's Center of Nursing Collaboration, Entrepreneurship and Technology (CONCEPT), and Bob



Barnes, PhD, director of business development at the Pratt School of Engineering and an instructor in the biomedical engineering department at Duke.

Coursera is a California-based education company that provides a platform for universities to deliver the online courses. It was founded in 2011 with four partner universities, and Duke has joined a rapidly growing group of universities in the United States and abroad that have partnered with the company.

More than 15,000 students have enrolled in Lombardi and Barnes' course to date, which they hope to launch in spring 2013. The interdisciplinary course will consist of lecture videos between 10 and 15 minutes in length, embedded quizzes to keep students engaged, discussion boards, and peer-based assessment of homework assignments.

The course provides students with interdisciplinary strategies for identifying health care needs, analyzing the market forces at work in complex clinical environments, and designing novel, sustainable solutions that solve the highest priority problems.

The School of Nursing is currently one of two nursing schools, including the University of California, San Francisco, offering classes through Coursera.

Stay Connected on Facebook!

Did you know Duke University School of Nursing is on Facebook?

Check out our page for the latest news, events, research, and more! It's also a great way to interact with the hundreds of students, parents, alumni, and others who share your passion for Duke Nursing.

Like us on Facebook today!

[facebook.com/DukeUniversitySchoolofNursing](https://www.facebook.com/DukeUniversitySchoolofNursing)



Students Start First National Student Nurses Association Chapter

Duke University School of Nursing now has its first chapter of the National Student Nurses Association (NSNA). While nursing student groups have existed in the past, this chapter is the school's first to be affiliated with the national association.

A group of students created the chapter in spring 2012 to give their fellow Accelerated BSN students more opportunities to gather outside of class for



NSNA member students and faculty participate in The Nursing Games, a twist on the movie, *The Hunger Games*, to test each other's nursing knowledge and abilities.

professional and educational events and faculty mentorship.

NSNA events at Duke have included a Senior Skills Blitz and guest lectures on topics including transition to practice, leadership in nursing, and nursing in the emergency department.

In November, the chapter participated in a blood drive with the American Red Cross in an effort to help with the blood shortage created by Hurricane Sandy and its aftermath. The NSNA signed up 51 participants from the School of Nursing, collecting 36 units of blood.

"We were very proud of the turnout and the impact we were able to have," says current chapter president Meghan Presnell.



Lecture: Healing the Wounds of War

Linda Schwartz, DrPH, RN, USAF (Ret), FAAN, will deliver a lecture, Healing the Wounds of War, Wednesday, February 6, 2013, 4:00-6:00 p.m., Pearson Building Auditorium. Schwartz is commissioner of the Connecticut Department of Veterans Affairs and the first woman and first nurse to hold that position. She also is president of the National Association of State Directors of Veterans Affairs. In 1989, she testified to the chair of the House Veterans Affairs Committee about the inadequate and unjust treatment she received from the U.S. military and the U.S. Veterans Affairs system. She has since testified many times before Congress. A reception will follow in the Atrium. *To register, please contact Sherene Jenkins at 919-684-9444 or sherene.jenkins@duke.edu.*

Increasing Minority PhD Students is Goal of New Partnership

Duke University School of Nursing and Winston-Salem State University (WSSU) have received a \$1.245 million, five-year grant from the NIH to increase the number of under-represented WSSU minority nursing students who are prepared to transition to PhD programs in nursing and other related biomedical/behavioral science disciplines at Duke.

The Bridges to the Doctorate Program is only the second collaboration of its kind in the nation.

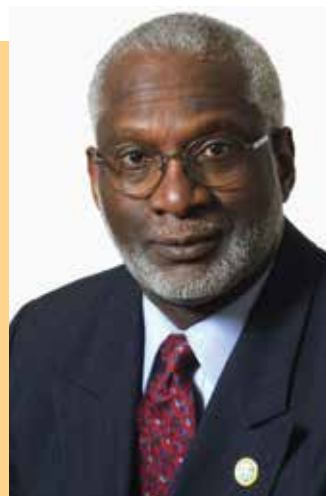
"Included in our strategic objectives in nursing is the goal to promote and develop a diverse group of nurse scientist faculty prepared to lead in the discovery of new knowledge to inform health care. This speaks to the essence of what is Duke University School of Nursing," said Debra Brandon, director of the PhD in nursing

degree program and an associate professor. "This is a wonderful opportunity to work with our colleagues at Winston-Salem State University to create a direct link between their master of nursing science (MSN) program and our PhD program," she said.

Duke and WSSU will work together to implement a 17-credit hour Research Honors Track within WSSU's MSN program. The enhanced program will consist of early and on-going mentored research experiences, new and strengthened research courses, and a year-long integrated intensive mentored research experience, including an intensive eight-week summer research internship at Duke University.

Health Disparities Focus of Global Health Lecture & Research Seminar

Former U.S. Surgeon General David Satcher, MD, PhD, will discuss methods to eliminate health disparities around the world at Duke University School of Nursing's **6th Annual Global Health Lecture and Research Seminar, 4:30 p.m., January 24, 2013, Room 1014**, Christine Siegler Pearson Building. Satcher's keynote address, "Defining the Path to Global Health Equity," will focus on the evolution of global health equity and illustrate examples of major strategies and programs that are improving science, policy, and practice around the world. The program will include two research seminars with discussions addressing health disparities locally and abroad.



David Satcher, MD, PhD

January 24
Room 1014
Pearson Building

Research Seminar I,
12:55-2:15 p.m.

Research Seminar II,
2:30-3:45 p.m.

Lecture
4:30-6:00 p.m.

Reception to follow
in the Atrium.



Charles McIlvaine is the Inspired Leader of Nursing's Board of Advisors

As chair of the School of Nursing's Board of Advisors, **Charles C. McIlvaine, T'87**, will be instrumental in helping Dean Catherine Gilliss plan and execute the goals of the school's \$43 million campaign. [see article on page 5.]



McIlvaine with Joan Stanley, PhD, CRNP, FAAN, FAANP, president, Nursing Alumni Association at the groundbreaking in October.

McIlvaine, who is serving his second three-year term on the Board of Advisors, was named chair for 2011-13. He also serves on the Duke Medicine Board of Visitors, the leadership volunteer advisory board for Duke Medicine.

He will serve as an external advisor in helping develop and achieve the school's long-range goals in the priority areas of research, education, and

practice to fulfill its mission and enhance its standing as one of the nation's leading schools of nursing.

McIlvaine is an industry expert with Avista Capital Partners, a firm specializing in private equity investments, primarily in growth-oriented energy, health care, media, industrial, and consumer companies. Before joining Avista, he was the global co-head of the consumer group and managing director for Deutsche Bank. He also serves as chairman of Coen Oil Company, a large petroleum distribution company, and is a partner and founder of Thomaston Land Company, a real estate management firm.

A 1987 graduate of Duke University with a degree in economics, McIlvaine also holds an MBA from the Wharton School of the University of Pennsylvania. While at Duke, he earned All Conference and Outstanding Athlete Awards as a member of the track team. In 1985, he studied politics and economics with other Duke students at Oxford University. He and his wife, Brooke, live in Darien, Conn., and have three children.



Nearly New Shoppe Provides Scholarships

The Nearly New Shoppe of Durham provided \$30,000 in scholarship support for the School of Nursing this year. Founded in 1968 by a group of medical faculty wives, the shop sells gently used clothing, shoes, books, and household goods. The profits are invested in an endowment managed by Duke University Management Company.

Anyone wishing to donate items or volunteer is encouraged to call the shop at 919-286-4597. It is open from 10:00 a.m.- 5:00 p.m. on Mondays and Fridays, and from 10:00 a.m.-2:00 p.m. on Tuesday, Wednesday, and Thursday.

San Francisco Alumni Gathering



Dean Catherine L. Gilliss and her husband Tom hosted a dinner party for nursing alumni and their guests at One Market in San Francisco in September. Twenty guests attended and heard an update on Duke University School of Nursing and a brief presentation on the importance of supporting nursing students through the annual fund.

Alumna Pays It Forward for Scholarships

Margaret Payne, N'56, remembers her time at the School of Nursing as some of the happiest days of her life.

She spent two years on Duke University's East Campus before transferring to the School of Nursing, where she lived and attended classes in Hanes House.

Payne grew up in tiny Varnville, S.C., where she was the valedictorian of her 12-member high school graduating class. She says coming from a small school with few resources, she struggled with anatomy, math, and chemistry at Duke Woman's College. But she was inspired to study hard because of her love of basketball.

"My roommate and I would study as hard as we could, because we just had to be there for basketball games," says Payne.

Payne left nursing school a year early, married, and had two children. Although she worked in her family's coal transport business instead of as a nurse, she felt her education provided her with a good foundation to nurture her family.

Payne decided to give back to the school that meant so much to her. She established a \$100,000 charitable gift annuity to create the Margaret Lightsey MacMillan Payne Scholarship Fund, an endowment that will provide scholarships to Duke nursing students.

"Duke is near and dear to my heart," says Payne. "I want to pay it forward so that somebody else can have the fabulous experience I had."

Payne has two grown children, Melanie M. Glenn, and Richard H. MacMillan III, and lives in West Columbia, S.C. She serves on the Board of Visitors for Charleston Southern College.



Margaret Payne

Save the Date Reunion 2013 April 12-13

Classes with years ending in 3 and 8, as well as members of the Half Century Club (classes 1933-1962), will celebrate reunions April 12-13 at Duke University School of Nursing. Reunion registration information will be mailed in early March.

For information, please contact Amelia Howle, director of alumni relations, at 919-385-3150 or amelia.howle@duke.edu.

Many exciting activities are planned for this special weekend.



REUNION 2013

APRIL 12-13

Educating a New Nursing Workforce

Five days a week, Duke MSN student Chan Wu travels to Goldsboro, N.C., to care for patients at the WATCH Mobile Medical Unit, where residents of Wayne County can get treatment free of charge. Rotating at the clinic for two months as part of her residency, Wu has diagnosed and treated people with hypertension, uncontrolled diabetes, asthma, HIV, hepatitis B. “I pretty much do everything,” Wu says. Wu and her preceptor, a nurse practitioner, provide nearly all the care and referrals. A physician visits only a few hours per month.

“Because the patients don’t have insurance, when they come, their disease is very severe,” Wu says. “This is good experience for a student to have.”



Chancellor Victor Dzau, Dean Catherine Gilliss, and Health and Human Services Secretary Kathleen Sebelius during her visit to the Duke University School of Nursing to announce a four-year, \$200 million project to increase the number of advanced practice nurses, particularly in underserved areas.

*Duke is
one of 5
hospitals
selected*

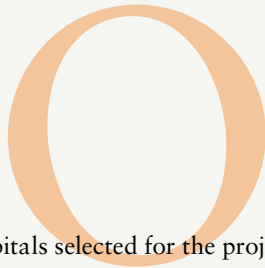
By Angela Spivey





Patient Dennis Godwin looks on as Duke MSN student Chan Wu (right) works with preceptor Ann King at the WATCH Mobile Medical Unit in Goldsboro. Thanks to a new federal project Duke will double the number of MSN students like Wu.

Advanced practice nurses such as Wu, who will become a nurse practitioner, will be in great demand as the population ages, and as the Affordable Care Act enables more people to gain health insurance. Nurse practitioners will especially be needed in rural and other underserved communities. The Duke University School of Nursing expects to double the number of advanced practice nurses (nurse practitioners, certified registered nurse anesthetists, and clinical nurse specialists) educated thanks to Duke University Hospital and Health System’s participation in a four-year, \$200 million demonstration project funded by the Centers for Medicare and Medicaid Services as part of the Affordable Care Act.



One of only five hospitals selected for the project, Duke will receive approximately \$10 million a year to cover the cost of precepting more advanced practice nurses in both acute and community settings, including some in underserved areas. The new clinical placement sites are in a 14-county area in North Carolina and Virginia that is experiencing a rapid rise in health care demand.

“Improving our region’s health care will take a skilled and responsive health care team that can support patients in their own environments,” says Mary Ann Fuchs, DNP, RN, vice president of patient care and Duke University Health System chief nurse executive. “We are honored to be selected for this important and transformative initiative.”

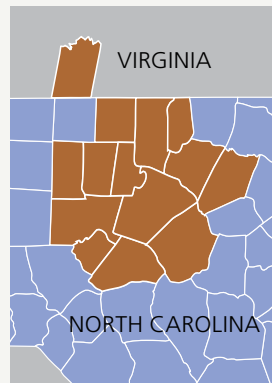
In 2011-2012, there were nearly five times as many qualified applicants as available places in Duke University School of Nursing’s adult nurse practitioner program. Meeting the demand for a larger nursing workforce requires the school to develop affiliation agreements with additional clinical settings where students can obtain quality learning experiences. “We have qualified applicants who want to be nurse practitioners, and we have faculty and classrooms for them, but we need additional clinical sites for their practice learning environments. To do this, we need to identify and develop additional clinical sites, and we



Dean Catherine Gilliss with Mary Ann Fuchs, vice president of patient care and Duke University Health System chief nurse executive.

“Improving our region’s health care will take a skilled and responsive health care team that can support patients in their own environments.”

MARY ANN FUCHS



Counties designated for the demonstration project funded by the Centers for Medicare and Medicaid Services as part of the Affordable Care Act

- Alamance
- Chatham
- Durham
- Franklin
- Granville
- Harnett
- Johnston
- Lee
- Nash
- Orange
- Person
- Pittsylvania, Va.
- Vance
- Wake

need to prepare the preceptors on what is expected of them,” says Barbara Turner, PhD, RN, FAAN, Elizabeth P. Hanes Distinguished Professor of Nursing, and one of the operational leads on the project. “As is done with graduate medical education, this project will reimburse the preceptors or their practices for educating our nurses.”

Also included is training for preceptors (physicians, physician assistants, and advanced practice nurses) who will teach the students at the new clinical sites. “Not only will the school be putting more of these wonderful students out into community practices, but we will take the time to make sure the practices have what they need to provide a superior learning experience,” says Pamela Edwards, EdD, MSN, RN-BC, CNE, associate chief nursing officer, DUHS and associate consulting professor at the School of Nursing and the other operational lead of the project.

Preceptors will receive training, in person and online, to prepare them to offer the kind of clinical experience that best supplements what the students have learned in the classroom. In addition, program coordinators will make rounds to ensure that all is well between the preceptors, the sites, and students. “The program coordinators will be our eyes and ears on the ground to support preceptors, students and faculty. The hope is that we strengthen these relationships so that all of these practices that are new to having students see how valuable the nurse practitioner student is to their setting and want to keep them coming back,” Edwards says.

The clinical experiences will have a special focus on caring for the growing elderly population, and on managing transitions of care—when patients move from one setting to another, such as from the hospital to home or a nursing home. These transitions are times when the risk for miscommunications and errors is high.

Half of all the new sites will be outside hospitals, which will help prepare advanced practice nurses for the increasingly bigger role they are playing in delivering care and making decisions about care. “The primary purpose of this innovative program is to provide the education to our advanced practice students, but we expect to learn how to improve this preparation and shape federal policy accordingly,” says Catherine L. Gilliss, PhD, RN, FAAN. “Ultimately, it brings together nursing education with clinical practice in the service of reforming our nation’s health care system.” ♦



Pam Edwards and Barbara Turner are the operational co-leads of the demonstration project.

“Not only will the school be putting more of these wonderful students out into community practices, but we will take the time to make sure the practices have what they need...”

PAMELA EDWARDS



During her clinical rotation at the WATCH Mobile Medical Unit, Duke MSN student Chan Wu diagnoses and treats people with diabetes, asthma, HIV, and more.

FEEL MY

PAIN

REMEMBER THE WORST HEADACHE YOU'VE EVER HAD. “Multiply that times 100, and you get an idea of sickle cell pain,” says **Darryl Smith, T’90**. If Smith visits the emergency department in a sickle cell pain crisis, he’s already spent at least an hour trying to control the stabbing pain with the prescriptions in his medicine cabinet. He will need a serious dose of intravenous pain medication.

Improving care for people with sickle cell disease in the emergency department

BY ANGELA SPIVEY

The most common inherited blood disorder in the United States, sickle cell is most prevalent among African Americans and is caused by a genetic defect in hemoglobin. The defect causes red blood cells to form an abnormal “c,” or sickle shape, which prevents those cells from easily passing through small blood vessels. When they accumulate and form a blockage, they can cause tissue damage and unbearable pain; some have described it as feeling like all their bones are breaking.

Guidelines from the American Pain Society recommend that patients in a sickle cell pain crisis get initial treatment with opioids within 20 minutes through an intravenous or subcutaneous injection or a self-administered pain pump. On the emergency department triage list, such patients are ranked just one position below people with an immediate life-threatening condition, such as a gunshot wound. But at times, Smith has sat in the emergency department for three hours or more, waiting. “You rock, you hum. If you can go to sleep, you do that.

You just stay there in pain until you get seen,” Smith says.

It’s a story that Paula Tanabe, PhD, MPH, RN, FAAN, FAEN, has heard over and over. She wants to change that. In 2011, Tanabe, associate professor of nursing, was awarded a three-year, \$865,365 grant from the U.S. Agency for Healthcare Research and Quality to apply evidence-based guidelines to improve emergency department care for people with sickle cell disease. Operating at Duke University Hospital and Wake Forest Baptist Medical Center in Winston Salem, N.C., Tanabe’s new project focuses its research and education efforts on improving four areas of care—triage upon arrival, pain management, follow-up medical care for high-risk patients, and referral of patients for support services. Those four elements are part of a decision-making tool to guide care for sickle cell patients in the emergency department that Tanabe



Oddly shaped or “sickled” cells cause painful blockages and impair oxygen transport to the entire body.



Darryl Smith serves as the patient voice on a committee led by Paula Tanabe to improve care for people with sickle cell disease in Duke's emergency department.

developed and published in 2010. In addition, she serves on an expert panel of the National Heart, Lung, and Blood Institute of the National Institutes of Health that is developing evidence-based guidelines for primary care providers in the care of patients with sickle cell disease.



A RELUCTANCE TO TREAT

For more than two decades, Tanabe has focused on helping patients in pain. Her 1995 PhD dissertation showed that pain was the main complaint of 70 percent of emergency department patients, but the only factor that was linked to getting treated was having chest pain. “We had a perception before that we couldn’t treat pain because we were going to make people addicted. I’ve always fought that myth and said that we need to listen to the patient, and we need to treat their pain,” Tanabe says. In the years since her dissertation, Tanabe saw big improvements in pain treatment in the emergency department—except for people with sickle cell. “To see pain management get better, but not for this population, that really frustrated me,” she says.

Tanabe points to a lot of reasons for the poor treatment that patients with sickle cell receive in the emergency department. Overcrowding is one. “Overcrowding is very real. Sometimes patients are going to have to wait,” she says. But racism and lack of education about the disease play a role too. Studies have shown that a high percentage of doctors and nurses have the perception that many patients with sickle cell are addicted to opioids (63 percent of nurses surveyed in one study believed this). But rates of addiction among sickle cell patients are no greater than the rates of addiction among the general population. “I see these patients being selected out, and they’re not getting care because we have a perception that they’re addicted,” Tanabe says. “Having been an emergency department nurse for over 25 years, I know that, if you want a bed for somebody, you go find one. Some of it has to start with, I *need* to find you a bed. And if I think that you’re just addicted, my effort isn’t going to be so good. I’m going to let you sit there.”

Health providers receive special education about caring for hypertension and diabetes, but not often about sickle cell disease. Yet sickle cell is life threatening. The average life expectancy for men with the disease is age 42; for women it’s 48. “The crux with this whole disease is a problem with the hemoglobin, and hemoglobin delivers oxygen to every part of your body. So in the end, every part of your body can have organ damage,” Tanabe

“I see these patients being selected out, and they’re not getting care because we have a perception that they’re addicted.”

PAULA TANABE

says. “It’s this really complicated disease that health providers don’t know too much about.”

“Sickle cell is the most prevalent genetic disease among African Americans in this country, but we don’t talk about it,” Tanabe says. “Why is that?”

Her new project educates care providers about sickle cell through a variety of means, including role-playing difficult situations in the emergency department, and talking with people who have sickle cell about their experiences. In addition, quality

improvement teams at Duke and Wake Forest are implementing emergency department policies that enable the best care. For instance Duke has in place a policy that patients with standing pain medication orders can receive a subcutaneous injection of pain medication right in the waiting room. But the policy wasn’t being followed. “We’re doing education now with nurses and physicians to get them to follow the order sheet and to help them understand why it’s important,” Tanabe says. Wake Forest is working to put such policies into place.

Though emergency department visits are focused on immediate needs, a small percentage of people with sickle cell disease who visit very frequently may need referral for support services. Tanabe remembers a patient who visited the emergency department 175 times in two years. “Some people have very complex psychosocial lives, and we haven’t done a good job in health care of assessing that,” she says. “We need to understand, is their disease getting worse and they’re having a lot of complications and they need to be in the hospital, or are there some kind of other problems, such as not having heat at home.”



THEY’RE JUST PEOPLE

For instance, in Chicago, Tanabe remembers trying to find out why a patient kept having pain crises. She asked him if he had been prescribed pain medication for home use. He said yes, but it didn’t do much good. Why?

Because he was homeless. “Being homeless in Chicago in the cold, the choices are, go to the shelter, where they immediately take your pain meds away, because you can’t have opioids in the shelter, or stay on the street and have your

pain meds but be cold,” she says.

In addition, Tanabe is using validated survey tools, patient interviews, and chart reviews to gauge patient satisfaction and caregiver attitudes and how they are affected by the education and policy changes. The team is also tracking efficiency outcomes, such as time to treatment and time between doses. Ultimately, the project will yield a toolbox of policies and educational materials that will be disseminated nationwide.

If emergency department providers learn more about sickle cell disease, and about the lives of people who suffer from it, they may be more likely to find creative ways to help. Smith, for instance, has a wife, a German shepherd, and a job as a pharmaceutical salesman that he wants to return to. But caregivers in the emergency department don't know any of that. All they see is that he's African American and is asking for a high dose of pain medication. Tanabe's final advice for caregivers is simple. "Just talk to these patients and hear their stories," she says. "They're just people."

To that end, Smith serves on Tanabe's quality-improvement committee at Duke, alongside emergency department doctors, nurses, and social workers. Truth be told, he would rather be working his travel-heavy job than spending so much time at Duke, thinking about sickle cell. "Not being able to work is the toughest thing for me. I've worked ever since I was 18 years old," he says. But since the disease right now prevents that, Smith counts his time with the quality improvement committee as one of his blessings. "It really has been a privilege to work with them," he says. "Everybody has had somebody in their family or a friend who has been affected by cancer. But a disease like sickle cell—most of the people in that room are white and have no connection to the disease, no family members with it. Yet, you can tell they are 100 percent committed to trying to make this process in the ER the best it can be for patients who come in with sickle cell pain."

Smith focuses on the good things in his life. He hasn't had a stroke, something that debilitates many people with sickle cell. The large doses of Epogen[®] he takes are enabling him to go for months at a time without a blood transfusion. Some days, he doesn't have to take any pain medication at all. "I live for those days," he says. "I think that's the way it is for most people with sickle cell. They're not drug seeking; all they want to do is get rid of the pain. If a punch to the face would do it, we'd come in saying, can you punch me in the face? You don't care about the method. You just want the pain to stop." ♦

Shedding Stereotypes

Accelerated BSN student Shedeline Charles has sickle cell disease that is well controlled by medication; she hasn't had a hospitalization in five years. But she has witnessed the stigma surrounding the disease even during her nursing training. Sometimes people with sickle

cell visit the emergency room often, so caregivers can become numb to these patients' pain; they may use nicknames such as "frequent flier," or "sickler." "Recently I met a nurse who was introducing a student to her patient, and the nurse described the patient by saying, 'She's not like some of those other sicklers; she isn't spoiled or needy.' The nurse had formed a stereotype

about that population," Charles says. She plans to work as a pediatric nurse. Outside of work, she wants to continue to raise awareness about the disease, as she did while hosting events for a Florida group called Stop the Sickle Cycle.

SO MUCH MORE THAN A PATIENT

A former city planner, Craigie Sanders, MPA, AICP, Esq., is a lawyer with one of the largest law firms in the world and serves as vice

chair of the board of directors of Raleigh Durham Airport Authority. He has accomplished this while being hospitalized two or three times per year and undergoing regular apheresis, which he compares to changing the oil in a car while the engine is running. "I'm a person who happens to have sickle cell. I'm not a patient who has sickle cell,"

Sanders says. He serves as a board member of the N.C. Council on Sickle Cell Syndrome and Related Genetic Disorders and often speaks at educational events, such as the workshops that Tanabe conducts to educate nurses.



Shedeline Charles



Craigie Sanders



DUSON meets WUHAN

STUDENTS WHO WANT A NEW PERSPECTIVE on health care can find a wealth of information in textbooks, journals, the Internet, and more—often without leaving home or campus. But a group of Duke nursing students ventured across the globe, to an Eastern medicine clinic in China, to experience another culture’s perspective on healing.

During a cultural immersion experience this summer, the group of accelerated bachelor of science in nursing (ABSN) students underwent acupuncture and other ancient Chinese medical practices. Student Marie “Clarke” Madden, who was experiencing pain in her knees, received cupping therapy, a treatment believed to remove toxins from the body. The practice involves dipping a cotton swab in alcohol, lighting it, and briefly putting it inside a glass cup, which is placed on a patient’s skin. A small vacuum is created by the combustion of oxygen, and the skin is drawn into the cup.

Madden says the pain in her knees vanished.

“There’s only so much you can learn from reading,” she says.



School of Nursing forges relationship with Wuhan University in China

By Bernadette Gillis



Near the end of an intense, five-week cultural immersion, the Wuhan students got a chance to let loose in Wilmington, N.C. Left, the Duke group on a tour of the Wuhan campus soon after arrival. L to R: Michelle Hartman, Sara Yusko, Angela Chisolm, Clarke Madden, Amber Mohling, and Kyle Atkins.

“Going to China and seeing what their medical system is like, that’s something I can take with me on the [hospital] floor. Whatever awareness I had of global health before, this trip opened it up so much more.”

In addition to the trip to the traditional Chinese and Eastern medicine clinic, the group, which also included Assistant Professor Michelle Hartman, DNP, RN, NP, packed in numerous learning experiences during an activity-filled, two-week visit to Wuhan University and surrounding areas. The trip also fulfilled the students’ community health clinical requirements.

The visit was organized in response to an exchange program under a three-year memorandum of understanding signed in 2011 by the School of Nursing, Duke Global Health Institute (DGHI), and the School of Public Health at Wuhan. Wuhan University also sent a group of their students—five undergraduate and two graduate students—to Duke from July 7 to Aug. 11 for a similar but more intense cultural immersion. Both trips were organized by Duke’s Office of Global and Community Health Initiatives (OGACHI).

The exchange program between the School of Nursing and Wuhan University comes at a time when Duke University as a whole has increased its engagement with China. In August, the



Clarke Madden underwent “cupping” at an Eastern medicine clinic in Wuhan and was pleasantly surprised that the ancient practice rid her of her knee pain.

Chinese Ministry of Education granted preliminary approval for the creation of Duke Kunshan University, which is a Duke partnership with the Municipality of Kunshan and Wuhan University. Operations at the Duke Kunshan University campus are expected to begin during the 2013-2014 academic year. And Dean Catherine L. Gilliss, BSN’71, PhD, RN, FAAN, and other nursing faculty members have made trips to Wuhan University,

most recently in June 2012.

Professor and associate dean for global and community health initiatives, Dorothy L. Powell, EdD, RN, FAAN, says as communities become more and more diverse, global health experience can be a valuable asset for future nurses.

“Anytime we can foster cultural understanding across borders is a good thing because we have become a global community,” Powell says. “That interaction broadens one’s perspective, career aspirations, and options.”

EAST MEETS WEST AND EAST (N.C.) AND EVERYWHERE IN BETWEEN

During their cultural exchange, the students from Wuhan University covered a lot of ground—both literally and academically. In five weeks, the Wuhan students traversed the Triangle region and the state, getting an overview of public health issues affecting the people of North Carolina.

Their experience included attending nursing and DGHI classes, listening to lectures from representatives from community-based agencies, going on weekly field trips to area health departments and other state-level agencies, and participating in agricultural activities at the North Carolina Cooperative Extension Service at N.C. State University.

Near the end of their stay, the Wuhan students took tours of the eastern and western parts of the state to learn about various industries, including meat processing, seafood, furniture manufacturing, and biotechnology, and their impact on health.

Powell says the Wuhan students were most impressed with learning of the local resources available to poor and indigent populations in North Carolina, especially during visits to local agencies such as the Durham Rescue Mission and rural health clinics. “That kind of support is not as evident in China,” she says.

Professor of nursing, Bei Wu, PhD, adds that the students were surprised to learn of the high rate of obesity in the U.S. and were especially struck by how freely students are able to interact with faculty here.

Wu had a hand in selecting the group of Wuhan students, which was made up of six public health students and one nursing student. In December 2011, she interviewed nearly 40 students at Wuhan University and made recommendations to Wuhan administrators on which students should be selected for the exchange program.

“We were looking for a high level of motivation and achievement,” Wu says of the selection process, and adds that selected students were “at the top of their class, had done community service work, and were leaders in student groups.”

One of the graduate students, Jingjing Li, has studied HIV/AIDS at the Wuhan Institute of Virology of the Chinese Academy of Sciences, and under Wu’s mentorship, she currently is

researching salvia as a potential screening for diabetes. The other graduate student, Huan Qin, previously participated in research on community-dwelling elders with mild cognitive impairment and now is working with Duke research mentor Isaac Lipkus, PhD, professor of nursing, to explore methods for disseminating smoking cessation messages in China.

“Overall, the students felt the experience was very informative, and they felt they learned things they could take back with them,” says Powell. “They became much more culturally adapted.”

The “cultural” part of their immersion included cheering on the Durham Bulls at a baseball game, sampling N.C. barbecue, and taking in a performance at the Durham Performing Arts Center. After staying in campus apartments for four weeks, each student stayed at the home of a faculty member during the last week, getting a taste of life in an American home.

A WORLD AWAY IN WUHAN

During their time in China, the Duke ABSN students, who were each paired with a student guide and translator from Wuhan University, accompanied doctors and nurses on home visits and visited rural and urban hospitals, clinics, and community health centers. They also toured the Chinese Center for Disease Control and Prevention in Hubei Province and the State Food and Drug Administration.

Such activities gave them unprecedented access to facilities and a unique look at medicine and public health from a Chinese perspective. “I’m amazed at the amount of time they gave us,” Sara Yusko says of the providers and public health officials who led tours and gave lectures during the Duke students’ stay.

“It would be almost impossible to have had this kind of access without the Duke relationship,” Madden adds.

Although the students’ clinical experiences in China were not as hands on as other global opportunities typically offered by the School of Nursing, Yusko says she’ll look back on the trip as a “defining moment in my nursing career at Duke” that left her both “exhausted and satiated.”

In the process of going on rounds with and shadowing nurses during home visits, Hartman says she and the students were intrigued by a number of aspects of the Chinese health care system, particularly the country’s efforts to deal with its large aging population.

Considering the country’s population of more than 1.3 billion people and its one-child policy, Hartman says during the trip, it became apparent to her that China could serve as an example for American providers.

“We’re just beginning to prepare to care for the aging Baby Boomer population,” she says. “(China is) already in the process of dealing with an elderly population. One way is through home



	WUHAN	DURHAM
population	10,020,000	233,252
	School of Public Health at Wuhan	Duke University School of Nursing
number of students	371	755
number of instructors	43	77
founded	1939	1931

visits. It’s amazing they can care for that many people.”

The Chinese approach to holistic care also stood out to the Duke students. Yusko says she imagines their experiences at the Eastern medicine clinic will prove useful when treating patients in the U.S.

The Duke students also were fascinated with the popular outdoor “playgrounds for adults” that could be found throughout the city of Wuhan. Created with the intent of encouraging physical fitness, the free and easily accessible outdoor gyms feature monkey bars, elliptical machines, and other playground-type equipment. “We talked to people who said they get up every morning to use the fitness centers,” Madden says.

The lessons learned by the group regarding elderly and holistic care demonstrate exactly what Powell and Wu say the relationship between Duke and Wuhan University is all about. They stress that the relationship is a two-way street, with both universities sharing and learning from one another.

“It’s not just that we’re giving to them. It also helps us,” Wu explains. “We can do demonstration projects there and learn a lot to help improve our health care system.”

Hartman, who previously had traveled to multiple countries but never China, is looking forward to attending future exchange programs with the country. With one China trip under her belt, she hopes to help students explore topics such as HIV/AIDS more deeply.

“We only scratched the surface,” Hartman says. ♦



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Les Harmon counsels a patient
at the clinic he helped to start
in Henderson, N.C.

Serving the Suffering— HIV/AIDS research and care

For Julie Barroso, it was watching a dietary aid cautiously push a food tray into an AIDS patient’s room with her foot.

For James “Les” Harmon, it was the compassion of caregivers he witnessed while volunteering at an AIDS hospice in San Francisco.

These dual epiphanies cemented the career choices of two Duke University School of Nursing faculty members.

In the early 1980s, during the peak of fear and anxiety about HIV/AIDS, they committed themselves to serving the suffering.

“There was such a need, and I knew I could actually make an impact,” says Harmon, NP’97, DNP’12, who left a career in architecture and graphic design for nursing.

Barroso, PhD, ANP, APRN, BC, FAAN, “saw how

people were being treated and decided I had to do something to help. I could not sit on the sidelines and watch,” she says.

The pair has established themselves as DUSON’s most active HIV/AIDS researchers and clinicians.

Barroso’s research in qualitative methods, HIV-related fatigue, and stigma reduction interventions for HIV-infected women, have led to more than 50 published articles and membership on the Board of Trustees of the International Association of Physicians in AIDS Care.

Harmon spent 10 years conducting HIV/AIDS drug research in the Duke Infectious Diseases Clinic before being named to the School of Nursing faculty in 2008. Since 1997, he has worked one day a week at an HIV/AIDS clinic in Henderson, N.C., that serves 250 patients from five counties. He is passionate about inspiring future nurse practitioners to work with the HIV/AIDS population.

Barroso and Harmon both say they are concerned that today the prevailing attitude in the United States, according to a recent national survey, is that HIV/AIDS no longer poses a significant health threat.

“HIV/AIDS is at the epicenter of so many things,” says Barroso. “HIV is about poverty, lack of access to care, stigma, and broken social structures. We can’t become complacent: New generations of people still need to be educated about it.”

STIGMA: NO EASY ANSWERS

Barroso recently completed data collection on a two-year NIH-funded project aimed at decreasing the level of stigmatization felt among HIV-infected women. Her co-principal investigator is Michael Relf, PhD, RN, ACNS-BC, AACRN, FAAN, associate professor and assistant dean of undergraduate education at the School of Nursing.

Stigmatization carries significant health implications. Women who fear being stigmatized if they disclose their condition to their families, employers, or sexual partners, are less likely to adhere to medication schedules for fear of being seen taking the medication. They suffer higher stress

Barroso aims to decrease stigma; Harmon is a godsend to clinic

By Jim Rogalski

levels. They also are less likely to ask their sexual partners to use condoms for fear of being abandoned if their condition is known.

Barroso’s project involved giving 100 HIV-infected women iPod Touch devices, half of which were loaded with a 45-minute video in which actresses portray women with HIV infection and discuss the many facets of stigma and how it affects so many areas of their lives. The video was developed as part of a qualitative metasynthesis project that Barroso worked on from 2000 to 2005. The video is a synthesis of findings from qualitative studies conducted with women with HIV infection and was a

way of trying to move the results of research directly into the hands of the people who need it most: the patients.

“This is not a prescriptive video,” Barroso says, “because there are no easy answers to how to deal with stigma. Above all, the women agonized about whether to tell their children their HIV status.”

The video shows how the women came to their respective decisions. They share their fears and life struggles—something Barroso said the viewers connected with on a personal level.

“There’s something about the notion that they are not alone that is comforting,” Barroso says. “One woman in the video talks about deciding to tell her mother and girlfriends but not her children because she doesn’t want her kids to worry or be stigmatized themselves. These are tough decisions. There is a calculus of disclosure that we talk about in the video to help women consider a number of different things prior to telling someone they are HIV-infected.”

The 50 women who received the video-loaded iPods were instructed when and how many times to watch the video. They were surveyed at the beginning of the project, after 30 days, and after 90 days when the project concluded. Data was collected on stigma, self-esteem and self-efficacy, how many people they disclosed their illness to, and how the video impacted them.

The qualitative data that has been analyzed thus far



Julie Barroso shows an iPod Touch displaying the HIV stigmatization video she helped to produce.

show that the project was positive for most of the women.

“Some of them disclosed to family members and said it felt like a weight had been lifted off them,” says Project Manager Megan Williams, MSW, MPH. “They said that a veil had been lifted and there are now people in their lives who can support them.”

Barroso says that for some of the women the video confirmed that it was time to come out and tell others about their diagnosis. “It was time to stop letting HIV define who they are. For others the video reinforced that they were right not to tell anyone, and the video helped them think this decision through, carefully and thoughtfully.”

Barroso currently is conducting deeper analyses of the results and considering ways to advance the project.

PERSONAL ATTENTION

Harmon is considered a godsend to the HIV/AIDS sufferers that he helps to treat at the clinic in Henderson.

“He saved my life,” says a young African American man who receives treatment at the clinic. “I was at the very bottom when I first came here in 2003, and he’s helped to lift me up. He’s a good person.”

Harmon was among the first Duke clinicians to staff the Northern Outreach Clinic in Henderson when it first launched in 1997 as a joint venture between the Maria Parham Hospital in Henderson and the Duke Infectious Diseases Clinic. He has been providing care at the clinic one day a week since then. In 2011, it became a fully independent non-profit entity. Since it began it has been funded by grants from HRSA’s Ryan White Program and other donations.

“We have had very good patient outcomes,” Harmon says. “We’re small enough to give patients a lot of personal attention.”

Harmon has been pivotal to the clinic’s growth and success, his fellow clinicians says.

“Les means a lot to this community,” says Kara McGee, a physician assistant at Duke who works two days a month at the clinic. “His dedication to this clinic is astounding. He’s built very strong relationships with the patients.”

The clinic has grown from seeing patients one half-day a week to four full days. Its staff includes a full-time physician, Harmon,

McGee, a registered nurse, a case manager, and a bridge counselor who follows up to make sure patients keep their appointments. The clinic also has adopted electronic medical records.

“Care is available to anyone with HIV infection, regardless of ability to pay,” Harmon says. “We’re able to access state-run programs for providing antiretroviral therapy.”

In addition to his clinical work, Harmon has worked with private practice physicians in Henderson and the North Carolina Rapid HIV Testing Program to expand routine HIV testing in the community.

“Working at the clinic has been very rewarding,” he says. “I’m still seeing some patients I saw the first year. It shows how far we’ve come.”

Harmon teaches full time in the School of Nursing’s nurse practitioner program. In the fall he teaches a basic course on HIV that gives a broad overview of the history of HIV, clinical management, and social issues.

And as both Harmon and Barroso point out, an HIV/AIDS population of about 1.2 million Americans exists, and 50,000 new infections occur each year.

“We’re an aging group of folks taking care of people with HIV/AIDS,” Harmon says. “I want to inspire the next generation to go into this work.” ♦

“Care is available to anyone with HIV infection, regardless of ability to pay.”

JAMES ‘LES’ HARMON



1940s

Alice Ward Letherman Short, BSN'42, spent her career in the U.S. Navy. Her duties took her to Europe, Midway Island, Japan, and North and South Korea. After retirement, she and her husband, who was also in the Navy, raised five children. They then traveled to every continent, including Antarctica. They have five grandchildren, one great-grandchild, and another on the way.

Ruth Ramsey Fletcher, BSN'44, is enjoying retirement by watching Duke sports, keeping up with Duke in Singapore and China, singing in a choir, and gardening. She lives in Charlotte.

Martha Watkins Wilhoit, BSN'44, and her husband **William Merrill Corry Wilhoit, MD'44, HS'44-'52**, live in Pensacola, Fla., where she worked for 18 years as a registered nurse on the orthopaedic floor. They have six children.

1950s

Ethel Romines Lee, BSN'50, retired since 1992, volunteers eight hours a week at a hospice home and is active in her church. She taught for 21 years in the nursing department at Florida Community College in Jacksonville, Fla., which now is named Florida State College. Her church honored her with two volunteer awards. She has two sons and two daughters and lives in Jacksonville.

Ann Hooker Cherny, N'53, is "loving the carefree life near family after 40 years in Phoenix, Ariz." She lives in Silver Spring, Md., and enjoys taking advanced

courses in theater at the local community college. Her daughter, who has two sons, lives in Silver Spring, and her son, who has four children, lives in Boise, Idaho.

Edith Moore Nichols, N'55, has become quite a knitter in retirement. Her work, including sweaters and a child's dress, has won several first place awards at the San Diego County Fair. She and her husband **Paul, PhD'58**, a retired professor of physics, have two sons. One is a private practice ophthalmologist, and the other is a dentist. The Nichols live in San Diego.

Christene Haynie Emory, N'56, is still working in nursing in an electro-convulsive therapy recovery room. She is mayor pro tem of the Butner, N.C., town council, and is active in her church. She has three daughters, one grandson, and two great-grandsons, and lives in Butner.

Joyce Peck Tewksbury, BSN'57, of Gloucester, Va., works as a nurse aide evaluator for Nurse Aid Competency Evaluation Services, under the auspices of the Virginia state board of nursing. She conducts written and skills testing of certified nurse assistant candidates and conducts quality assurance activities. She has been married for 55 years to **John Tewksbury, T'56**; they have four children and four grandchildren. She enjoys taking care of her two dogs, one cat, two pygmy goats, two alpacas, two miniature horses, and chickens.

1960s

Betty Schaefer Reynolds, BSN'61, has moved from Roxboro, N.C., to a retirement community in Carlsbad, Calif., where her son and his family live.

Carol Crane Gaffney, BSN'64, has been retired for the past nine years and is a board trustee for Shore Medical Center in Somers Point, N.J. She is also a member of the Southern New Jersey Perinatal Cooperative's board of directors. Outside of her board duties, she enjoys gardening, bird watching, playing bridge, traveling, and hiking. She lives in Egg Harbor Township, N.J. She has two daughters, four stepdaughters, and seven grandchildren. Her daughter, Laurie, is a media specialist for Mesa, Ariz., schools and lives in Mesa with her husband and two children. Her daughter Amy works in sales and as a metal specialist for Henry Schein, a health-care products distributor. Amy lives with her husband in Middletown, Conn.



Marie Meeker Hensley, BSN'62, of Mountain View, Calif., (pictured with her two children and grandson, Austin) has been enjoying retirement since 2005. She attends tap dancing classes, takes day trips, and is a photographer. Her son Kevin was named 2011 Realtor of the Year in Delaware. He has two children, Julia, 16, and Ryan, 12. Her daughter Kristina is a public

relations coordinator for an insurance company and has a son Austin, 13.

Marcia Steen Kotarski, BSN'64, of Palm Springs, Calif., retired in May 2011. She is writing a book for her five grandchildren about her travels through all 50 of the United States and 48 countries.

Rosalie Shaw Sziarto, BSN'64, is enjoying retirement by walking, reading, playing bridge, and serving as head floor captain at her retirement home in Jacksonville, Fla.

Mary Alyce Searles McCullough, BSN'65, and her husband Joe are both active in church activities. They also spend much of their time traveling and writing extensive journals of their travels. Joe is active on several boards. The couple lives in Atlanta, Ga., and has two children and two grandchildren. Their daughter Judith has a PhD and is a supervising psychologist at Jackson Memorial Hospital in Miami, Fla. Their son Eamonn lives in Asheville, N.C., where he works for a furniture company and is involved with club soccer.

Melinda Free Smyth, BSN'65, is retired but is a member of the American Heart Association Sciences Advisory Board titled, "Get with the Guidelines - Resuscitation." She also is a Red Cross volunteer. She and her husband **R. Douglas Smyth, E'63**, have two sons, two granddaughters, and two grandsons. They live in Pompano Beach, Fla.

Alice Kern Willard, BSN'65, lives in Farmington, Conn., and retired from clinical research nursing in 2001, 2005, and “finally in 2009.” She is involved in garden consulting and design for individual clients and serves as a volunteer and trustee of a museum. She gardens at home and at her church, where she helps oversee a garden that produces vegetables for the local food pantry. She and her husband Gordon recently celebrated their 41st anniversary and have two children and six grandchildren.

Judith Twomey Rogers, BSN'67, of Park City, Utah, is the employee health nurse and infection preventionist for Park City Medical Center and Heber Valley Medical Center, where she is working “more than full time.” In recent years she contributed two articles to the journal, *Diabetologia*. She volunteers with the Adopt a Native Elder Program and the National Ability Center. She has two children and enjoys babysitting her two grandchildren.

Linda Smith Beckett, BSN'69, and her husband **Tom, E'69**, are retired and split their time between Apex, N.C., and Warrenton, Va. They are committed to lifetime fitness and enjoy cycling. They have six grandchildren.

Linda Wagner Craig, BSN'69, continues her part-time practice of counseling and psychotherapy in Cooperstown, N.Y., and consulting at a rehab facility in Herkimer, N.Y. She and her husband **Peter, PhD'76**, have two children—**Anna, T'02**, a psychologist at Duke, and **John**—and three grandchildren. Linda says she had the joy of

helping her daughter deliver her son at Duke Hospital in October 2011. She said she looked out the window of the delivery room and saw the rear of Hanes House, which she said “was a trip!” The Craigs live in Hartwick, N.Y.

Mary Gustafson McConathy, BSN'69, is a manager of visiting physician clinics and outpatient infusion services at Heart of the Rockies Regional Medical Center in Salida, Colo. She continues to ski, hike, and enjoy the mountains. She and her husband **Robert M. McConathy III, D'71**, have two sons, a daughter, and four grandchildren.

Cynthia Starn Walters, BSN'69, and her husband **Ray, G'75**, have been married for 43 years. They love to travel, sail, play golf, and babysit their granddaughter. They live in Dataw Island, S.C.

Sheila Roe Weissenberger, BSN'69, is in her 32nd year of working at the Veterans Affairs Medical Center in Martinsburg, W.Va., in the outpatient psychosocial rehab program. She plays clarinet in a local band, and her husband John plays trumpet. They live in Winchester, Va.

1970s

Anne Roome Bavier, BSN'70, completed her time as dean of the School of Nursing at the University of Connecticut and is now working in the office of the provost on inter-professional issues such as clinical placements. She is a member of the Health Sciences Group Strategic Advisory Committee for Universitas 21—a global network of research universities. She is still learning to play golf and

enjoys the exercise and “friends who laugh a lot.” She lives in Tolland, Conn.

Donald W. Brown, BSN'70, of Fairhope, Ala., retired from anesthesia in 2008, after having spent 38 years in the field. He worked as a contract nurse anesthetist from 1981-2008, traveling and working in 15 different states. He spent 22 years in the U.S. Navy. He first joined in 1960 and was a hospital corpsman. He went to Duke through the Navy and was commissioned as a Navy nurse. He attended the Navy anesthesia program a year later and finished as a navy certified registered nurse anesthetist. In retirement, he enjoys playing golf, traveling, and volunteering. He and his wife have seven children, 18 grandchildren, and six great-granddaughters between them.

Pamela Compton Shea, BSN'70, has been retired for eight years and says she’s “finally focusing on myself and my own health.” She has collaborative relationships with her doctors, and she encourages others to find the same. She’s active with exercise and the outdoors and has a boyfriend of six years. Her son is 27 and lives in Seattle. Shea lives in Fremont, Calif., in the San Francisco Bay area.

Catherine Jenkins Semenoff, BSN'74, is a part-time registered nurse in the post-anesthesia care unit at Albany Medical Center in Albany, N.Y. Her husband David practices there. They have three children and two grandchildren, and live in Slingerlands, N.Y.

Karen Dyas Delgado, BSN'75, of Granbury, Texas, works as a women’s health-care nurse

practitioner in an emergency room setting in Dallas. In her free time, she enjoys biking, reading, walking, and sewing. She cares for her 89-year-old mother who lives with her. She has three adult children. Two live in Austin, and one lives in Chicago. Delgado was expecting her first grandchild in November.

Rebecca Warren Hardy, BSN'75, of Lewisville, N.C., is a senior diabetes clinical manager for Medtronic Diabetes in the Winston-Salem, High Point, and Greensboro, N.C., areas. She has found it especially rewarding to team up with physicians in rural areas to intensify insulin therapy for their patients through free education classes. Several of the patients have moved to insulin pump therapy, reducing their insulin by over half and bringing their hemoglobin A1C levels into target range. She describes the experience as “like helping these people and families get their lives back!” In her free time she enjoys gardening, needle working, bicycling, and watching college basketball. She has two grown daughters living in the Atlanta area and enjoys visiting them and attending Braves games.

Laura Dixon Parker, BSN'76, is a gastroenterology nurse practitioner with Albuquerque Health Partners. Her husband Andrew Parker is a geographical information system environmental analyst. They live in Corrales, N.M.

Linda Stephens Gipson, MSN'77, is chief clinical officer for Whidbey Island Hospital District in Coupeville, Wash. She recently completed her PhD in public health with a focus on health policy and management.



She enjoys traveling, kayaking, photography, hiking, and spending time with her rescued West Highland White Terrier.

Andrea Segura Smith, BSN'78, moved to San Francisco and is now director of nursing for the California Pacific Medical Center's Pacific Campus. She also is enrolled in the doctor of nursing program at the University of San Francisco. Outside of her professional responsibilities, she likes knitting and walking.

Barbara Wickenhaver Snyder, BSN'78, retired in 2011 after 15 years as a school nurse. She currently is serving a two-year term as president of her garden club. Her husband, R. Gordon Snyder, retired two years ago, and they are looking forward to traveling to exotic places and visiting their children. Their daughter Pam is in Washington, D.C., and their son Rob is in the PhD program in epidemiology at the University of California at Berkeley. The Snyders live in Columbus, Ohio.

Cynthia Matthews Wooten, BSN'78, teaches English as a second language to adults at Pitt Community College and teaches yoga at two different studios. She and her husband **Lamont, T'77, MD**, a semi-retired orthopaedic surgeon, have three children—**Kathryn, T'08**, Virginia, and John. The Wootens live in Greenville, S.C.

Elizabeth Whitmore Kelley, BSN'79, GNC'97, recently accepted a newly created position, clinical nurse specialist for stroke and vascular services, at Rex Healthcare in Raleigh. Outside of work, she is an active volunteer with the Triangle Flight of Honor, which flies

World War II veterans to the WWII memorial on the National Mall and other landmarks in Washington, D.C. Her son Whit, 24, lives in Raleigh, and her daughter Charlotte, 19, is a freshman at the University of Utah in Salt Lake City, where she is a ballet performance and exercise science double major. Kelley's husband, **Arthur Kelley, E'79, G'81, PhD'85**, is an independent consultant.

1980s

Nancy Sue Baker Dietrich, BSN'80, works as an employee occupational health nurse at Duke, where she's learning about travel medicine, since an increasing number of Duke employees travel overseas. She and her husband, Bob Dietrich, enjoy hiking, live music, contra dancing, and vegetable gardening.

Elizabeth Adams Robison, BSN'80, of Fort Walton Beach, Fla., has completed specialist in education degree requirements and is now in the candidacy phase of a doctor in education degree at the University of West Florida. At Northwest Florida State College, she is a professor of nursing and a clinical medical-surgical instructor and theory medical-surgical classroom presenter for second-semester students enrolled in the associate-level program. Her two daughters are in their last year of undergraduate studies at the University of North Florida.

Deborah Gharst Terry, BSN'80, is a pediatric nurse practitioner in the Comprehensive Epilepsy Program at Nationwide Children's Hospital in Columbus, Ohio. She recently received the Innovation in Clinical Practice

Award from the Association of Child Neurology Nurses for development of a psychogenic non-epileptic event clinic. She is a member and past chair of the Professional Advisory Board for the Epilepsy Foundation of Central Ohio. In 2011, she went on a mission trip to Nicaragua to help children with disabilities. Her hobbies include traveling, scrapbooking, and watching Duke basketball. She has three children. Kevin is a recent graduate of Ohio State University with a degree in finance. Kimberly attends the University of Toledo and plans to be an occupational therapist. Kendra is majoring in nursing at the University of Cincinnati.

Ellen Grey Donaldson, BSN'81, has retired after 28 years as an executive in the pharmaceutical and health care communications business. She most recently was CEO of Blue Spark Healthcare Communications. She now volunteers for a variety of community nonprofits. She says she's single and loving it, has lots of friends, and enjoys fitness activities and going to her beach house in Isle of Palms, S.C.

Elizabeth Pruitt Dunn, BSN'81, of Spartanburg, S.C., is the office manager of James Dunn Surgical Clinic. Outside of work, she enjoys gardening, sewing, and reading. Her husband James is a general and colorectal surgeon. Their three daughters, ages 19, 17, and 14, are involved with swimming, cooking, and church activities.

Margaret "Peggy" Sovey McGinnis, BSN'81 works as a certified registered nurse anesthetist in ambulatory surgery at Medical University of South Carolina in Charleston,

where she is chair of the patient satisfaction team. She enjoys reading, vacationing, and playing with her 7-year-old daughter.

Alexis Makris Sulyma, BSN'81, is director of CDC Programs for Northrop Grumman in Atlanta, Ga. She and her husband have an 8-year-old son named Luke. In her spare time, she enjoys going to the beach or for a bike ride and playing with her son.



Melinda Montgomery Yantch BSN'81, of Decatur, Ga., recently retired from Abbott Laboratories after 26 years of work. She now works for Mylan Pharmaceuticals. She competes in two or three triathlons per year, both Olympic distance and half ironman distance. Her husband has worked as an anesthetist at Atlanta Medical Center for 36 years.

Lynne Russell Brophy, BSN'84, received the 2012 Cincinnati Tri-State Chapter of Oncology Nursing Society's Excellence in Oncology Nursing Award. In addition to being an oncology clinical nurse specialist, she is codirector of a cancer exercise and wellness program for cancer survivors. She published three book chapters in 2012, one of which will be in the first surgical oncology nursing textbook. Her son Ned is a high school junior, and her daughter Erin is in seventh grade. The family lives in Loveland, Ohio.

Sandra Pettit Durgin, BSN'84, of Wilmington, Del., was recently hired as a performance improvement coordinator by Crozer Chester Hospital. She will work in the trauma department, which takes care of approximately 2,500 patients per year. In December 2011, she graduated *summa cum laude* from Drexel University with an MSN in nursing education.

1990s

Natalie Neal von Hilsheimer, MSN'96, recently stopped her part-time position as a pediatric nurse practitioner at Martin Army Community Hospital at Ft. Benning in Columbus, Ga. Her husband George retired from the U.S. Army after 26 years, and the family will be moving to Niceville, Fla. They have three children—Kirk, a Duke freshman; Alex, 16; and Andi, 13.

Ray Munholland, MSN'98, works for Presbyterian Healthcare Services Urgent Care in Albuquerque, N.M. Because he works half time, he has more time for hiking, skiing, and digital photography. He also has enjoyed motorcycle riding for six years and has participated in the Mount Taylor Quadrathlon in the team category for three. He's also toying with the idea of pursuing a doctorate degree from Duke University School of Nursing. He and his wife Ruby live in Albuquerque. His daughter lives in Portland, Ore., and his son lives in Mantua, N.J. Ruby's daughter lives in Dallas, Texas.



Sandy Blizzard Tripp, MSN'98, DNP'11, works as a family nurse practitioner at a rural clinic in Beulaville, N.C. She is also an active childhood obesity awareness advocate. In addition to completing a doctor of nursing practice degree, in the past year, she was responsible for getting the month of September proclaimed Childhood Obesity Awareness Month in Duplin and Lenoir counties. She also formed the Lenoir County Childhood Obesity Task Force and has given talks on childhood obesity, including serving as guest speaker for the Beulaville Recreation Association Opening Day (pictured above with Beulaville-area leaders). Tripp is writing a children's book on obesity and bullying. She and her husband Todd have been married for nearly 30 years and live in Kinston. Their son Drew is married and is working on a doctor of physical therapy degree at East Carolina University. Their daughter Kate completed a business degree at Wake Technical Community College and had plans to transfer to a four-year university.

2000s

Sharon West Haire, MSN'00, is working at Massachusetts General Hospital for Children as a pediatric nurse practitioner for pediatric neurology. In 2011, at the 40th annual meeting of the Pediatric Neurological Surgery Section of the American

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Association of Neurological Surgeons, she presented “Shared Medical Appointment Clinics Used for Common Pediatric Neurosurgical Conditions.” She has two college-aged sons and lives in Melrose, Mass.

Robin Calhoun Harmer, MSN'00, works in a cardiology practice, Halifax Heart Center, in South Boston, Va. She also is the music director at her church and teaches a youth Bible study and guest lectures for the nurses at the hospital with which her practice is affiliated. In her free time, she enjoys spending time with her 8-year-old grandson, playing Words with Friends, and practicing the piano, organ, and guitar.

Alice Diann Beane, MSN'01, is a family nurse practitioner at Pinehurst Family Care in Pinehurst, N.C. This year, she attended a continuing medical education course in Copper Mountain, Colo., and a state conference in Wilmington, N.C. In her free time, she likes to read.

Charles P. Cooley, MSN'01, DNP, earned a doctor of nursing practice degree from Case Western Reserve University. He is the chief of learning resources at the Asheville, N.C., Veterans Affairs Medical Center and chief of rural health outreach. He lives in Kingsport, Tenn.

Carrie L. Lewis, MSN'02, of Raleigh, N.C., is “working full time in the pediatric oncology clinic at UNC (unfortunately).” She recently passed the certified pediatric oncology nurse exam and serves as the social outing coordinator for patient and family outings for the clinic. She enjoys Carolina Hurricanes hockey and is training her golden retriever to serve as a therapy dog.

Mary Prevost Gilbert, MSN'04, is working full time at Greensboro Medical Associates, a multi-specialty private practice in Greensboro, N.C., mostly doing internal medicine but is learning more about rheumatology. She and her husband Shannon have a 5-year-old son. The family is very active at their local YMCA, and Gilbert is planning to run her first marathon.

Crystal Hayden, MSN'04, C'12, works as a certified nurse practitioner at Onslow Memorial Hospital in Jacksonville, N.C., and is a doctor of nursing practice student at Duke. She recently became board certified as a fellow of the American College of Healthcare Executives. She enjoys running and reading. Her son graduated from Campbell University in May 2012. Her husband is in the MBA program at Webster University, and her two daughters are in high school.



Amanda Winslow Yopp, ABSN'04, MSN'08, and her husband Doug welcomed their second child, Winslow, last year. She works at Duke in the Adult Bone Marrow Transplant Unit. The family lives in Raleigh.

Elizabeth Monahan Driscoll, ABSN'05, MSN'09, and her husband David and their two children have moved to Anchorage, Alaska. She works in a nurse practitioner-owned clinic with two other family nurse practitioners. She also teaches part time at the University of Alaska-Anchorage in the family nurse practitioner program.

Nykedra L. Martin, MSN'05, is a family nurse practitioner at Triad Adult and Pediatric Medicine in Greensboro, N.C., where she primarily sees underserved and uninsured patients. At Triad Adult and Pediatric Medicine, she is a member of the clinical management team, the electronic medical record committee, the quality improvement committee, and the business operations committee. Outside of work, she enjoys volunteering in her community and traveling. She is also active with *Sigma Gamma Rho* Sorority, Inc. She was married on May 26, 2012.

Audrey Keck Avitabile, MSN'06, of Cary, N.C., works in a private large group multispecialty practice. Her hobbies include golfing and traveling. She married her best friend, Steven, just after graduation, and the two were expecting their first child, Matthew, in May.

Erin Ralyea Carton, ABSN'08, of Carlton, Pa., is working on her master's degree in adult and geriatric nursing and training for a triathlon. She and her husband, **Drew Carton, PhD'11**, are moving to London in 2013 where he will join the faculty of the London Business School.

Lena R. Greene, MSN'08, of Hickory, N.C., has been writing clinical interactive medical and surgical scenarios for F.A. Davis as well as writing about pharmacology and pathophysiology for Pearson Publishing. In her spare time, she enjoys restoring antiques and knitting.

Sarah Marrone Derycke, ABSN'09, works as a clinical nurse II in the N.C. Jaycee Burn Center at the N.C. Memorial Hospital in Chapel Hill. She and her husband Kevin welcomed their first child, Olivia Nicole, in September 2011 and recently bought a new house. Kevin works for the U.S. Environmental Protection Agency. When not working or caring for Olivia, Derycke enjoys spending time with friends, traveling, running, reading, and doing outdoor activities. The family also has a cat, Grace.

Omar A. Hasan, ABSN'09, just finished his first year as a nurse, working on Duke University Hospital's pediatric blood and bone marrow transplant unit. He and his wife Heather welcomed their fourth child in December 2011.

Erin Boyd Hobgood, ABSN'09, lives in Cary, N.C., and works as a clinical nurse II at Duke University Medical Center. She is married to Taylor Hobgood. Their twins, Colby Preston Midyette and Nora Clare Cathleen Hobgood, were born in 2011.



Kelly Holland, ABSN'09, lives and works in Bozeman, Mont., as a full-time circulating nurse in the operating room at Bozeman Deaconess Hospital. In April, she and her father, a recently retired obstetrician-gynecologist (pictured), traveled to Peru, where they spent 10 days caring for patients at a small free clinic in Cuzco. When not helping her father or translating, Holland treated small wounds and administered antibiotic injections and other treatments in the clinic's emergency room. She describes the trip as wonderful, not only because of the lovely people she met but also because the trip gave her an opportunity to work closely with her father. She looks forward to more medical trips with him in the future. Holland recently had surgery to remove the "hardware"—a femoral rod, tibial plate, and screws—from her right leg, acquired after being injured during her days of professional and competitive skiing. She is happy to be back near her parents in her hometown of Bozeman and enjoys spending time with her dog and skiing with her "#1 ski buddy," her dad.

Lauren Jackson, ABSN'09, works at Duke in the Pediatric Intensive Care Unit (PICU) as a clinical nurse II. Her recent activities at work have included updating PICU nursing policies and organizing a bloodstream infection prevention blitz for the PICU and the Pediatric Cardiac Intensive Care Unit. She also is a member of the Pediatric Clinical Practice Council at Duke and is enrolled in the Duke Pediatric Nurse Practitioner Acute Care Program. Outside of work, Jackson enjoys running, making things from the sharing Web site Pinterest, reading, and spending time outdoors.

Chelsea Glessner Olson, ABSN'09, works at Seattle Children's Hospital in both the Ambulatory Infusion Center and the Hematology/Oncology Inpatient Unit. She earned certification in pediatric hematology and oncology nursing in 2011. In her free time, she enjoys running, reading, and relaxing with friends. Early in 2012, she trained for the Vancouver Half Marathon. She was married to Andrew Olson on May 7, 2011.

2010s



Annie Bobiak Kroes, ABSN'10, married John Kroes in 2011 in Pinehurst, N.C. She currently is working as a solutions architect for Cerner Corporation, assisting hospitals with implementation of electronic medical records. They live in Peoria, Ill.

Bradley Sherrod, DNP'10, lives in Greensboro, N.C., and works as a remote faculty member (assistant professor) for Chatham University in Pittsburgh, Pa., teaching in the master of science in nursing leadership and doctor of nursing programs. His article, "Round with Purpose," was published January 2012 in *Nursing Management*.



Sarah Parker Tarr, MSN'10, is teaching as a full-time adjunct faculty member in the Belmont University School of Nursing in Nashville, Tenn. She and her husband Chris recently welcomed their first child, Owen. She recently authored a textbook chapter and co-authored a second. The first is on the form and function of the renal urinary system and the second is a chapter on oncology-hematology. She lives in Nashville.

Lauren Wiseman, MSN'10, of Normal, Ill., works for a health information exchange (HIE) in Central Illinois, implementing software that will allow doctors' offices and hospitals in a 20-county region to exchange patient information. This HIE is the first in the state of Illinois. She also is studying for American Nurses Credentialing Center (ANCC) certification in nursing informatics and is a blogger for the Central Illinois Health Information Exchange. A "band mom" since her son Michael joined band in the fifth grade, Wiseman was a coordinator for the first annual Normal Community West Marching Band Invitational at Illinois Wesleyan University. She also enjoys reading, gardening, and bicycling. Her husband Scott works as an administrator for the State of Illinois' Division of Children and Families Services. Her stepdaughter Kalie graduated from Eureka College with a degree in communications. Michael has plans to study engineering at the University of Illinois.

Rebecca Bogenrief, ABSN'11, works on a transplant step-down floor at Ochsner Hospital in New Orleans. She helps to care for heart, lung, kidney, liver, and pancreas transplant patients. In her free time, she likes exploring New Orleans, running, and traveling.

Jill S. Kerr, DNP'11, is commuting between her home in Chapel Hill, N.C., and the College of the Albemarle in Elizabeth City, N.C., where she is teaching family and community health to pay back a nurse faculty loan. She introduced an audience response system and WebEx in the classroom at the College of the Albemarle. She published a doctor of nursing practice capstone paper in the *Journal of School Nursing*. When not working, she enjoys catching up with her family.

Elizabeth M. Manly, ABSN'11, is working as an emergency nurse at Durham Regional Hospital. She was elected secretary of the local chapter of the Emergency Nurses Association, received a promotion to clinical nurse II,

and was chosen by management to be the department champion of best practices during moderate sedation procedures. She and her partner Alison have been together for 11 years. Manly has a 4-year-old daughter and lives in Durham.

Jessica McElheny, MSN'11, is working in the Duke Neuroscience Critical Care Unit as an acute care nurse practitioner. She lives in Durham.

Brian L. Lupo, ABSN'11, is an emergency RN at Durham Regional Hospital. He and his partner live in Chapel Hill with their cat Liza. They enjoy watching British TV and comedies and are enjoying the local flavor of the Triangle area.

Rochel Shapiro, MSN'11, works at Saint Barnabas Medical Center in Livingston, N.J. She recently presented a poster for her project related to Infection Prevention Week in San Antonio, Texas. Of her four children, three are in college, while her "baby" is in high school. Her daughter is a registered nurse who is working on her BSN degree.



Waneta Umbel Holland, BSN'38, of Austin, Texas, died May 17, 2012. She was 97. During her career, she worked in several states, including Connecticut, Idaho, and California. In 1943, she met and married Joe Holland in Cartagena, Columbia, where she was working as a nurse for an American oil company and Joe was stationed there in the U.S. Navy. The couple lived in many places but eventually settled in Texas when Joe retired from the Navy in the 1960s. She became a nurse instructor at Breckenridge Hospital in Austin in 1965.

Frances Crossfield Bliss, N'34, BSN'39, died at her home in New Vineyard, Maine, on June 20, 2012. She was 99. For several years, she was fully occupied with starting a successful division of rural health service in N.C. She then entered the U.S. Army Nurse Corps as a 2nd lieutenant, where she met and married Francis Bliss in 1943. After World War II, they went to Colby College, where Francis taught. She lived in New Vineyard for 60 years. She is survived by her husband of 69 years, Francis; three children; a daughter-in-law; and two grandchildren.

Margaret Dulin Jackson, N'41, of Bowling Green, S.C., died June 23, 2012. She was 92. She was married to Thomas E. Jackson until his death in 1980. He served in the U.S. Army Air Corps during World War II, and she was a military wife until his retirement in 1963. After returning to Bowling Green, Jackson continued her nursing career, teaching nursing at Gaston Memorial Hospital School of Nursing and later teaching a health occupations course at Ashbrook High School in Gastonia, N.C., until she retired. She is survived by two children, a grandson, and two great-grandchildren.

Anna Lee Hinton Fetter, BSN'44, of Chapel Hill, N.C., died October 25, 2012, after an extended decline in health. She was 91. After graduating from Averett College and Duke, she married and shortly afterwards relocated to the Durham area. Her desire to care for others drew her back to a nursing career at Duke until her retirement. She is survived by a daughter, a son, five grandchildren, four great-grandchildren, and a sister. She was preceded in death by her husband, **Bernard F. Fetter, MD'44, HS'45, '51-'53**; a daughter; and a son.

Frances Bradsher Busby, BSN'47, died August 10, 2012, in Fort Lauderdale, Fla. She was 87. She was a pediatric nurse. She married Philip Fransoli Busby in 1946 upon his return from World War II and raised four children in Westfield, N.J., while her husband worked as general manager of Sea-Land Service. They moved to Fort Lauderdale in 1978. She was predeceased by her husband of 60 years. Busby is survived by four children, 10 grandchildren, and two great-grandsons.

Mary Carol Barr, N'48, of Westerville, Ohio, died September 20, 2012, at St. Ann's Hospital. She was 84. Barr worked as a registered nurse for more than 40 years before retiring from Riverside Methodist Hospital, where she worked evenings on the oncology floor. She was a

member of *Sigma Theta Tau* International Honor Society of Nursing and a founding member of the Westerville *Beta* Chapter of the Ohio Child Conservation League. She was preceded in death by her husband Gordon Barr, a daughter, and a grandson. She is survived by three daughters, a son, and eight grandchildren.

Elizabeth DeLoach Campbell, BSN'48, died August 4, 2012, in Montgomery, Ala. She was 86. She met her future husband while working at Grady Hospital in Atlanta, Ga., in 1950, and they were married that year. Following an overseas deployment to Germany, the couple resided in Atlanta, Ga., where her husband served as chief resident for the Veterans Affairs Hospital. Campbell moved to Montgomery in 1953 and became active with her church, the Alabama Shakespeare Festival, and the Montgomery Symphony board, on which she served for 15 years. She was preceded in death by her husband Ewell Frederick Campbell Jr. She is survived by four children, seven grandchildren, and three great-grandchildren.

Betty Barnhart Friedman, N'49, of Middletown, Conn., died at home on September 19, 2012. She was 86. Born in Roanoke, Va., she met her husband at Duke University Hospital, and the two were married in Durham in 1952. The couple moved to Middletown in 1956. She is survived by her husband of 60 years, **Edward L. Friedman, HS'55-'56, PhD'56**; four children; and four grandchildren.

Ruth "Pete" Ermine Davis Wilson, BSN'49, died September 8, 2012, at Moses Cone Memorial Hospital in Greensboro, N.C. She was 85. Nursing was her lifelong career until her retirement from Wesley Long Community Hospital. Raised in Durham, she and her husband lived in many places due to his job. They eventually settled in Greensboro. She is survived by her husband **Walt, E'50**; two daughters; two grandchildren; and a nephew. She was preceded in death by her parents and a daughter.

Betty Richardson Caperton, N'53, of Kingsport, Tenn., died July 3, 2012. She was 81. She worked for the Kingsport City School System for 25 years as a school nurse. She was preceded in death by a sister and a brother. Caperton is survived by three sons, six grandchildren, and three great-grandchildren.

Sarah Andrews Christian Alexander, N'56, of Tucson, Ariz., died October 12, 2012. She was 78. She met **Don Christian, PhD'56, MD'58**, at Duke, and the two were married in 1956. They relocated from Durham to Tucson in 1969 in conjunction with the founding of the University of Arizona Medical Center. Throughout her adult life, Sarah worked off and on in health care as a registered nurse and a patient advocate in both Tucson and Phoenix. She later married Scott Alexander in 1995 in Tucson. The two shared 12 years together until Scott's passing. She was preceded in death by three of her siblings. She is survived by a sister, three children, and four grandchildren.

Helen Suzanne Amann Diaz, BSN'61, of Corpus Christi, Texas, died August 4, 2012. She was 72. After graduating from Duke, she joined the U.S. Air Force and was stationed at Scott Air Force Base, where she met her husband, Ralph "Sonny" Diaz. They lived for many years in Milwaukee and moved to Corpus Christi in 1984. She is survived by her husband Ralph, three daughters, four grandchildren, and two sisters.

Wanda Jones Cecil, MSN'00, C'01, DNP'12, of Zebulon, N.C., died October 3, 2012, at Rex Hospital. She was 56. She is survived by her husband, Walt Cecil; two daughters; her parents; three brothers; and a granddaughter.

Marsha Ann Hanly, MSN'08, of Suffolk, Va., died May 16, 2012. She was 37. She was commissioned in the U.S. Navy in the Nurse Medical Corps in October 1996. During her 16 years in the Navy, she reached the rank of commander, serving at Naval Medical Center Portsmouth in Portsmouth, Va.; Naples, Italy; Kuwait during Operation Iraqi Freedom; and Sewell's Point Branch Medical Clinic in Norfolk, Va. She served six months on the hospital ship, *USNS Comfort*, providing care for people in nine Central and South American countries. Hanly is survived by her husband Scott; two children, Avery and Mason; her parents; two brothers; a sister; and many nieces and nephews.

Emily Lynn Beers, an ABSN student, died on August 22, 2012, in Durham as a result of complications from the disease gastroparesis. She was 27. A resident of Corsica, Pa., she earned a biology degree from Ohio Northern University in 2008. She was an accomplished pianist, accompanying many soloists, school choirs, and choral festivals. Following several years of severe health challenges, she enrolled in the ABSN degree program at Duke. She wanted to become a nurse because of her belief that nursing would give her the opportunity to become a caring and comprehensive clinician in service to others. She is survived by her parents, grandparents, and two brothers.

A Moment to Treasure

— an excerpt from a speech given by **Kristi Hendrix, ABSN'13**, at the December ABSN graduation ceremony

"...IT WAS THE MIDDLE OF THE NIGHT and I was halfway through a night shift of my final clinical rotation. My grandfather was staying in a hospital bed four floors below where I was working. I used my break to visit him and when I entered his room, I sat down by his bed and held his hand. He was awake and squeezed my hand. I told him I loved him and he said he was so

difference between pain and comfort, dismay and hope, being unseen and seen, and between hurt and healing.

"My hope is that we would continue to be present in people's lives...I am not saying that the role of the nurse, nurse practitioner, or nurse anesthetist is simply to be present. No, I believe our roles are so much greater than this. However, I do believe that this passion to

engage, this respect for a fellow man or woman, this love for humanity is a force that propels us to provide extraordinary care. It is this passion that compels us to go beyond what is sufficient and to provide care that is intellectual, innovative, individualized, holistic, and meaningful.

"Thanks to God, my grandfather is at home recovering with his beautiful wife and his tiny pal, Toby, their Yorkshire terrier...[He]is



glad to see me. I treasure my grandfather and I treasured this moment with him.

"As I left his room, I found myself staring directly at the nurse's station. I silently prayed and pleaded for God to provide kind nurses and physicians to take care of my grandfather. When I returned to the floor to continue my night shift, I could not help but think of the granddaughters, daughters, spouses, siblings, and friends that love these patients in the way I love my grandfather...I was reminded of the invaluable role nurses play in some of the most challenging times in people's lives — both for the patients and their families. We, as nurses, can enter in to make the

improving, and it is not because of the individual work of any one physician or nurse. Instead, it is because of the grace of God given to a family and health care team as they worked together. I am reminded of a Bible verse that says, 'The eye cannot say to the hand, "I have no need of you," nor again the head to the feet, "I have no need of you."' For each part is so valuable. May we never stop valuing the different parts of the medical team; the hands, the feet, even the toes..." ♦

Scholarships Put Student on Path to Helping His Hometown

Kevin Gullede easily could have given up when he discovered he couldn't afford to attend the School of Nursing after being accepted. Instead, he spent a year working two jobs in his hometown of Durant, Mississippi, determined to do whatever he could to make his Duke dreams come true.

In fall 2012, Gullede was able to attend his first classes in the accelerated BSN degree program, thanks not only to his own hard work but to the four scholarships he received. He now has his sights set on becoming a nurse and helping the people of Durant, who have seen a number of health clinics close over the years and have been left with few treatment options.

"I have one less thing to worry about now that I know my debt won't be as much of a burden when I graduate," he says. "I can fully focus on my dream of one day returning to Durant to open a health clinic."



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Leaders Dig In for a New Building

Duke University and School of Nursing leaders celebrated the ground breaking for a 45,000 square foot classroom addition in October.

The \$20.2 million building will help meet the needs of a growing faculty and student body.

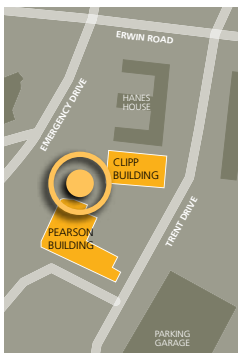
The new building, which will connect to the existing Christine Siegler Pearson Building, is expected to be completed by February 2014.

“The contribution and promise of academic nursing can be overshadowed by more established and socially prestigious academic disciplines—not so at Duke,” Dean Catherine Gilliss said. “Nursing is emerging on this campus as a leader in producing knowledge that serves society.”

Duke University President Richard Brodhead commended the School of Nursing for its growth, saying that when he arrived at Duke in 2004, the school had 40 faculty members and 400 students. Since then, those numbers have increased to 70 and 800, respectively.

He also acknowledged the school’s rise in the *U.S. News & World Report* rankings of top graduate schools, from 15th in 2007 to seventh in 2012. The school has also received \$4.3 million in NIH funding for research, ranking it 10th in NIH funding among nursing schools.

“If I were one of the six schools ahead of you, I would just get out of the way,” Brodhead said.



From left, Susan Schneider, PhD, RN, AOCN, ACNS-BC, FAAN, chair, Nursing Faculty Governance Association; Charlie McIlvaine, chair, Nursing Board of Advisors; Richard Brodhead, PhD, president, Duke University; Dean Catherine Gilliss; Mary Champagne, PhD, RN, FAAN, former Dean; Joan Stanley, BSN'71, PhD, CRNP, FAAN, FAANP, president, Nursing Alumni Association; and Jenni Day, PhD candidate and president, Nursing Student Council.