Yale Nursing Matters

Yale school of nursing



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Dear Friends,

In the last issue of Yale Nursing Matters, we introduced Yale Nursing: Strategic Vision for a Resilient Future. This blueprint document for Yale Nursing outlines one mission (working for better health for all people), two foundational principles (a positive culture and operational resilience), and four areas where the school has committed to prioritize its efforts over the next five years—Education, Science, Health Systems, and Partnerships. In this issue of the magazine, we focus on the first of these areas, examining some of the innovating teaching and learning that is underway here at Yale School of Nursing.



Faculty, both present and past, continue to distinguish Yale School of Nursing through their expertise and accomplishments. Dr. Ruth McCorkle, who retired from YSN in June after a distinguished career as a pioneering hospice, palliative care, and oncology nurse, was honored in November with the highly prestigious *Living Legend* award by the American Academy of Nursing in tribute to her extraordinary contributions to the nursing profession. Special recognition also goes to Marjorie Funk, who retired in June after 34 years at Yale, for her unfailing commitment to the education of Yale nursing students. It is faculty like Ruth and Marge that have shaped YSN into the outstanding institution that it is today.

One of the ways the school is able to advance its education goals is through the generous support of our donors. I am delighted to report several significant gifts that will have an impact on the lives of many of our students. Patricia Gruber has established the Gruber Fund, which will support three Gruber Fellows annually to focus on leadership. I'm also thrilled to share that Thomas '83 and Wendy '83 Naratil have created an endowment to fund a Yale Nursing faculty member each year to undertake a cutting-edge project or pursue a new research idea or creative pedagogy. Tom and Wendy's gift will provide critical faculty support for innovation at YSN.

Grant and Carole Ann Davies are generously supporting the school's global health efforts with a vital current-use gift; Anne McDermott established a scholarship fund in honor of her nursing mentor, Meredith Goff, to financially support a student in any specialty; and the Marcia Granucci Memorial Scholarship Fund, established by Marcia's husband Michael, will support students specializing in psychiatricmental health. Because many of our graduates go on to work in underserved communities, endowed funds help ensure that our students can focus on their education and career commitments while reducing the pressure of burdensome debt. I'm so grateful to all our donors for their vision and commitment.

Ann Kurth, PHD, CNM, MPH, FAAN Dean and Linda Koch Lorimer Professor of Nursing



Spotlight News

Alternative pedagogical approaches to inspire learning

Professor Linda Honan '89 MSN, PHD. APRN. FAAN, has taught in Yale School of Nursing's Graduate Entry Prespecialty in Nursing (GEPN) program since 1989, and has been regularly and widely recognized for her innovative teaching techniques. Believing that diagnostic observations can be significantly improved when integrating art, music, and writing, she developed several programs at YSN that are now firmly established as part of the curriculum. These important collaborations with the Yale Center for British Art, Yale School of Music, and the Yale Center for Engineering, Innovation, and Design underscore the value of an interdisciplinary approach, while also recognizing the breadth of resources available to nursing students at the university.



Students taking part in Looking is Not Seeing at the Yale Center for British Art.

Looking is Not Seeing

Looking is Not Seeing gives students the opportunity to put their observational skills to the test by studying works of art at the Yale Center for British Art. Working with Linda Friedlaender, the curator of education at the Yale Center for British Art, students engage in an active, experi-



Linda Honan '89 MSN introduces GEPN students to the range of alternative pedagogical methods offered at YSN.

ential process that requires close-looking at the art. They objectively inventory a painting in the most detailed way possible, and then these visual clues are used to draw conclusions and make interpretations about the painting's meaning and narrative. Research and experience amongst faculty and students at YSN have shown that this interaction with art translates significantly into a clinical setting, where nurses can use their heightened visual awareness to better diagnose patients' symptoms.

Listening is Not Hearing

Listening is Not Hearing developed out of Professor Honan's research findings that aural training with music improves

auscultative abilities. Since listening is such an essential skill for healthcare providers, Professor Honan partnered with Professor Thomas Duffy at the Yale School of Music to establish a program in which YSN students undertake music auditory training that helps to improve their competence in detecting heart, lung, and bowel sounds. The sessions focus on elements such as pitch, timbre, rhythm, and masking. Results showed that students who participated in music intervention-versus students who received just traditional trainingshowed a significant improvement in hearing bowel, heart, and lung sounds. The ability to label normal and abnormal heart sounds doubled; interpretation of normal and abnormal lung sounds improved by fifty percent; and bowel sounds interpretation improved threefold.

Touching is Not Feeling

A more recent adaptation of the looking and listening programs is Touching is Not Feeling where YSN works in collaboration with the



A beatbox which varies pulsation strength and temperature, allows students to practice their tactile clinical skill of palpation.

Yale Center for Engineering Innovation and Design. A "beatbox" was created that varies pulsation strength and temperature, allowing nursing students to practice and improve their tactile clinical skill of palpation.

The Hands Project



During their first year, students cast their own hands, using a mixture of bandages, lubrications, and water. Led by Melinda Bridgman, an artist who incorporates a theme of healing into her art, the students are encouraged to ponder the importance of their hands in nursing-not just through the multitude of daily tasks they're likely to perform, such as giving injections or checking a pulse—but also in a more profound way in which a nurse's hands might come into contact with birth, death, and pain.

Have Bones, Will Travel

Interactive teaching methods extend beyond Yale in programs such as Have Bones, Will Travel which introduces elementary, middle, and high school children to human anatomy while emphasizing health and safety. Taught by YSN faculty, it has developed into a Connecticut-wide public education program.

Interprofessional Longitudinal Clinical Experience

Professor Honan is also the associate director for the Interprofessional Longitudinal Clinical Experience (ILCE)—a collaborative program spanning the Yale School of Nursing, Yale School of Medicine, and the Yale Physician Associate Program. Designed to prepare first-year health professional students to function effectively together in the clinical environment, it follows a curriculum based on the needs of the current healthcare and academic environment. Faculty from each school/program guide groups of students in interprofessional clinical experiences that help students build a working knowledge of the clinical environment, and healthcare organizations and work effectively as part of a healthcare team. Professor Honan believes that "providing outstanding care for future patients requires learning with, from, and about other healthcare professional students early in the students' training. So much can be accomplished by working together to develop clinical skills, knowledge, and attitudes."



YSN faculty Phil Martinez introduces human anatomy to elementary, middle and high school children in Have Bones, Will Travel.



Mariah Baril-Dore





Moya Anne Meckel



Lisa Rich

2018 Creative Writing Awards One of the assignments for students during their first clinical experience is to keep a journal, where daily experiences and learning can be assimilated and processed. These writings often provide a fascinating and "real life" glimpse into the world of contemporary nursing and midwifery through the eyes, hands, and feelings of the students and soon-to-be APRNs. Each year, students are encouraged to submit entries for consideration in the Creative Writing Awards, where outstanding writers are recognized at a dinner and ceremony. This year's event, held at the New Haven Lawn Club, honored four nursing students: Lisa Rich, Mova Anne Meckel, Rachel Blatt, and Mariah Baril-Dore. Following a keynote address by bestselling author Dr. Gina Barecca, the students then took the stage to share their writing. In each of their narratives, they described experiences with patients that evoked a wide array of emotions, from sadness and grief to humor and the importance of listening. The students' stories can be found on the on the Creative Writing Awards page.

Yale Nursing students create menu for better community health

"Sam is a 15-year-old with type II diabetes. He eats a whole pizza every day, so we made him a smaller portion, with healthier ingredients." Just one of the hypothetical patient scenarios and a possible solution—concocted by faculty and students recently as they took to the farm at West Campus.

As part of the *Community Health Nursing and Public Health* course for students in the first year of the Graduate Entry Prespecialty in Nursing (GEPN) program, the students set to harvesting vegetables and creating their own healthy meals to better understand how to recommend a healthier diet.

The practicum is a partnership with the Yale Landscape Lab, which provides opportunities on the West Campus for numerous workshops on the importance of food systems and access to healthy foods, among other sustainability-related research topics.

"Being able to come out of the classroom and onto the farm adds so much to the class. We discussed nutrition counseling and practiced motivational interviews based on certain case scenarios. The opportunity to then plan and cook a meal



Justin Freiberg, director of the Yale Landscape Lab, and GEPN student, harvesting vegetables to use in the class.



GEPN students prepare polenta pizzas using freshly picked ingredients from the community garden at the Yale Landscape Lab.

for hypothetical patients, while considering budget and food availability, as well as culture, family, and taste preferences, really creates a powerful lesson," said Michelle Kennedy, '05 APRN, who leads the GEPN Community Health Nursing course.

The class occurs twice a year, once in late winter when students learn about food availability across the different seasons, and again in early summer when the first harvests are on offer at the farm.

The outdoor sessions combine hands-on harvesting and cooking exercises with discussions and a lecture session designed to help the students explore their personal connections with food as a way to empower them to promote healthy lifestyles. In small groups, the students devise menus for different hypothetical patients with health challenges such as diabetes, hypertension, and high cholesterol. Fifteen-year-old Sam's mini pizza, for instance, used polenta as a base, topped with freshly picked vegetables sautéed in olive oil and garlic. Other groups used rainbow chard, kale, radishes, edible flowers, and a variety of herbs to create colorful salads and nutritious tacos.

"Our partnership with nursing is a great example of how we can use the landscape for the benefit of scholarship at Yale, and ultimately, with these future practitioners and change makers, for real-world impact," said Justin Freiberg, who directs efforts at the West Campus Urban Farm, one of a number of initiatives within the Yale Landscape Lab.

A five-minute walk from the School of Nursing, the Landscape Lab provides access to 136 acres of mixed urban and natural environment for synergistic projects in health science, food systems, ecology, energy systems, entrepreneurship, and land use, which now connect more than 20 professional schools, departments, organizations, and student groups across Yale.

Vanessa Correia, RN, CLC, a second-year MSN student and teaching assistant to Michelle Kennedy, commented, "As someone advocating for plant-based nutrition in the YSN curriculum, I started leading the lecture portion of this class last spring. Michelle and Justin have opened doors for curriculum change, and I've seen with my own eyes the impact on students' understanding of holistic wellness, both for their patients and for themselves. It's outstanding." Using her certification in plant-based nutrition, Vanessa has worked at the Landscape Lab as an intern and now oversees the Nutrition That Heals event series, sponsored by YSN. (Read more about Vanessa's passion for nutrition in the Student Matters section.)

Dr. Margaret Hamburg featured speaker at annual Bellos lecture

Former commissioner of the U.S. Food and Drug Administration and internationally recognized leader in public health and medicine, Dr. Margaret Hamburg, gave the annual Bellos lecture in April, where she addressed "New Imperatives for Nursing: Making a Difference in a Changing World."

Dr. Hamburg's remarks focused on some of today's global health challenges, including combatting disease, creating greater health equity, and caring for the planet, and offered a call to action to the nursing profession, remarking that "now more than ever, humanity needs nurses and now is the time to act on that knowledge."

Established in 1964, the Bellos lecture honors 1927 Yale School of Nursing graduate Sybil Palmer



Former commissioner of the FDA and internationally recognized leader in public health and medicine Dr. Margaret Hamburg (left), chatting with Joan Combellick '91.

"Now more than ever, humanity needs nurses and now is the time to act on that knowledge." Bellos, who led an exemplary nursing career, working with immigrant families in New York and holding several leadership positions in New York and Connecticut. Each year, the Bellos lecture features a remarkable individual who epitomizes Bellos' dedication to expanding the frontiers of healthcare.

New concentration explores Gender and Sexuality Health Justice

Under the inspiring leadership of Dr. Ronica Mukerjee '17 DNP, Yale School of Nursing has developed a new concentration in Gender and Sexuality Healthcare Justice to help provide students with important insights into the social, racial, and economic disparities of lesbian, gay, bisexual, trans, queer, intersex, and asexual (LGBTQIA) patients, and their clinical care. Students are encouraged to view patient care through the lens of addressing potential barriers-whether they be systems, institutional, or knowledge-related—while emphasizing the value of working together as a team.

The concentration comprises three courses, the first of which— *Introduction to Health Disparities in LGBTQIA People*—was offered this past summer. Nineteen students were enrolled, along with one teaching fellow. The upcoming semester will address HIV, substance use disorders, pelvic and anal health, and transgender care. The spring term will focus on mental health issues and special topics in specialized primary care through the focus of sexual orientation and gender identity.

Dr. Mukerjee described her enthusiasm for the course, noting, "Although racial and economic disparities are poorly understood by many clinicians, conscientious, culturally safe care for LGBTQIA+ patients is even more poorly understood. The compounding barriers that occur due to the intersections of identity are not often addressed in clinical education. This is a course that seeks to combine clinical knowledge with understanding of racial, economic, gender, and sexuality based barriers to increase access to safe, healthy lives for underserved patients."

As part of the course, students are required to complete a project while working alongside a community organization that works with marginalized populations.

Mixed Methods Symposium a resounding success

The Conducting Rigorous Mixed Methods Research in the Health Sciences Symposium held in early May at Yale School of Nursing was a resounding success with a packed auditorium of attendees from the faculty of YSN, Yale School of Medicine, and Yale School of Public Health, as well as many students and outside participants.

Dr. Tish Knobf, professor of nursing at YSN and co-organizer of the event with Dr. Lois Sadler '79 MSN, remarked, "We were thrilled with the diversity of attendees and the vibrant interactions throughout the day. It provided a great opportunity to foster interdisciplinary collaboration in research."

Dr. Vicki Plano Clark, a professor in the School of Education at the University of Cincinnati, gave an overview of *Mixed Methods Research in Health Care*, which outlined the methodology, including the philosophical underpinnings, rationale, and dominant mixed methods designs for the social and health sciences.



From left to right: Michael Fetters; Leslie Curry; Vicki Plano Clark; M. Tish Knobf; Lois S. Sadler.

Dr. Michael Fetters, family medicine researcher and professor at the University of Michigan, spoke about the Integration Procedures during Data Collection and Data Analysis, which explored challenges and strategies for sampling, data analysis, and data integration within mixed methods research.

Breakout sessions covered topics such as *Creating and Managing Teams in Mixed Methods*, led by Dr. Leslie Curry, senior research scientist and lecturer at Yale School of Public Health, which examined challenges and strategies for managing teams, using representational group theory as a guiding framework. Dr. Plano Clark spoke to a group of doctoral students and post-doctoral fellows on *Consid*-



Dr. Vicki Plano Clark teaching a breakout session addressing some of the common challenges associated with mixed methods dissertations.

erations for Emerging Scholars Using Mixed Methods, which offered advice about common challenges associated with mixed methods dissertations, such as working with advisors, managing tension, and wearing many "hats."

Dr. Peg Weeks, a socio-cultural anthropologist and executive director of The Institute for Community Research in Hartford, talked about Using Mixed Research Methods in Community Participatory System Dynamics Modeling of the HIV Care Continu*um*, describing a community participatory project to "map" and simulate the HIV test-andtreat healthcare delivery system in Greater Hartford, Connecticut. The resulting systems simulation model is designed as a learning and decision-making tool for the community to understand and improve services.

Additional sessions highlighted challenges involved in publishing mixed methods research and discussed different venues and strategies for reporting the quantitative, qualitative, and integration components of mixed methods studies.

Dr. Lois Sadler commented, "This symposium provided all participants with an outstanding first-hand opportunity to learn about basic and advanced mixed methods research from true pioneers in the field."

Yale School of Nursing hosts annual Sleep Symposium

In April, the fourth annual Sleep Symposium was held at Yale School of Nursing. The speakers were Dr. Janet Mullington, professor of Neurology at Harvard University, and Dr. Naresh Punjabi, professor at Johns Hopkins University. Dr. Nancy Redeker, the Beatrice Renfield Term Professor of Nursing at YSN, gave an update on sleep research at Yale. Participants from all over the northeast heard talks spanning a wide range of research, including sleep apnea, physiological effects of insuffi-



Dr. Klar Yaggi, associate professor at the Yale University School of Medicine and Director of the Yale Program in Sleep Medicine, and Dr. Nancy Redeker, YSN's Beatrice Renfield Term Professor of Nursing, at the poster session of the Yale Sleep Symposium.

cient sleep, and the effects of cardiovascular disease on sleep. A poster presentation explored multiple topics related to sleep and symptom research and chronobiology. The symposium was sponsored by the Yale Center for Sleep Disturbance in Acute and Chronic Conditions, Yale School of Nursing Center for Biobehavioral Health Research, and the Yale Program in Sleep Medicine.



Prospective Open Studios artists visit the School of Nursing.

West Campus hosts City-Wide Open Studios

During the last weekend in October, Yale's West Campus was abuzz with activity as hundreds of artists and art lovers gathered in the building adjacent to the School of Nursing for the annual City-Wide Open Studios. With a theme of wellbeing, the location of the event provided a perfect synchronicity with the work underway at the nursing school and across the health sciences and cultural heritage interests on West Campus. In addition to the hundreds of exhibits, there were interactive performances, artists' talks and conversations, food trucks, and musical events.



Long-distance students join a class in real time through the use of a Double Robot.

Teaching Using Technology

The way students learn has evolved due to rapid innovations in technology, which have changed the way information is delivered, shared, and used. In academia, it is essential to integrate these advances

To support long-distance students in the Doctor of Nursing Practice hybrid program, the school makes use of Double Robot which enable students to join the classroom in real time. in emerging technology into teaching. Overarching bodies at the university, such as the Yale Center for Teaching and Learning, have been instituted to address these realities and to maximize teaching excellence. Here at Yale School of Nursing, the Office of Academic Support provides expertise in instructional design, teaching and learning theories, curriculum assessment, and emerging technologies for teaching, learning, and research.

iPad program

In the Fall of 2017, YSN piloted the integration of iPad technology, with each GEPN student and faculty member being given an iPad mini, loaded with a range of useful apps, including a gateway to EPIC, the electronic health record tool. Students use their iPads both at the school and during their clinical rotations at the hospital. In the fall 2018 semester, the program will be extended to the first-year specialty students and faculty.

The use of robots

To support long-distance students in the Doctor of Nursing Practice hybrid program, the school makes use of Double Robot which enable students to join the classroom in real time, where they can interact with other students and participate in group discussions. This movable unit can be positioned anywhere in the classroom. Professor Geraldine Marrocco is also investigating the use of robots for use in telehealth initiatives.

The Learning Studio

Located on the third floor of YSN, the Learning Studio is widely used by faculty and students to create innovative, alternative ways of delivering information to their audiences. Equipped with screen capture technology, audio and video recording options, a tripod camera with three-point lighting, and green screen backdrops for interview or lecture recordings, it supports both realtime and asynchronous online teaching, and can accommodate webcasting and the creation of Windows-based content such as screen capture, voice, and video recording.

Collaboration

YSN collaborates with Yale's Center for Teaching and Learning to offer a range of training and development opportunities for faculty and students on topics such as program and course assessment, academic computing and technology, Virtual Reality, and 3D printing explorations. Yale Nursing faculty also engage in offerings from the School of Medicine's Teaching and Learning Center, directed by Janet Hafler RN, EDD.



Dean Kurth and President Salovey cutting the ribbon at the opening ceremony.

Celebrating YSN's new Simulation Lab and classroom space

On August 30, Yale School of Nursing celebrated the completion of the Simulation Lab and classroom expansion project at a ribbon cutting ceremony. Faculty, staff, students, community partners, and the many individuals who contributed to the project were present. Dean Ann Kurth '90 MSN cut the ribbon, accompanied by President Peter Salovey '86 PHD.

"The expansion of our Simulation Lab plays a critical role in meeting one of our key strategic blueprint objectives—to expand curricular offerings by utilizing comprehensive teaching modalities. The state-of-the-art space will help prepare future Yale nurses to address where health



Celebrating the new simulation space.

care is going, such as outpatient, disaster, and telehealth care. This expanded Sim Lab and teaching space, along with the support of our superb faculty, will help us continue to produce some of the very best APRNs and healthcare leaders around the world," commented Dean Kurth.

The \$4.5 million project involved over 8,000 square feet of renovated space and was completed in less than one year in order to be ready for the fall 2018 incoming class of students. The architects for the project, Svigals + Partners, designed an innovative space for state-of-theart nursing education. The design includes two new classrooms, a primary care assessment lab, six standardized patient exam rooms, a one-bedroom apartment for home care simulation, and updates to the Center for Biobehavioral Health Research and first floor café. Shawmut Design and Construction oversaw the construction. Associate Dean for Finance and Administration Marcia Thomas guided the entire project to its successful completion.

Faculty member and director of the Simulation Lab, Ginger Sherrick, played an integral role throughout the entire project. "The new simulation area will allow the students to have immersive patient encounters in a realistic primary care setting using standardized patients (live actors). This will provide the students with opportunities to gain confidence and competence as providers during their education at Yale."



Simulation director, Virginia Sherrick, giving a tour of the new space.

In June, students at YSN engaged in a disaster simulation in which a tornado destroyed a grocery store. Filmmakers from Yale's Office of Public Affairs and Communications created a video at <u>nursing.yale.edu/disastersim</u> which captures both how a simulation is executed, as well as its value in bridging learning from the classroom to clinical settings.

A Salute to Dean Annie W. Goodrich on the 100th anniversary of the end of World War I

As America and most of Europe prepare to commemorate the end of World War I. much attention is focused on the immense bravery, patriotic fervor, and unimaginable carnage that mark the history of that long and destructive "War to End All Wars." With visions of doafights in the skies over Europe, dread of trench warfare, and brutal and indiscriminate attacks on American shipping by enemy submarines, we pause to remember YSN founding Dean, Annie Warburton Goodrich, and the important role she played in the efforts to assure the best care of the casualties during the war years.

She was born in New Jersey but grew up in Hartford, Connecticut. Her father was an insurance executive; her grandfather, John S. Butler, was a psychiatrist and founder of the Institute of Living. When her father died, the family fell on hard times and she decided to become selfsufficient, choosing nursing as a profession. She entered the New York Hospital Training School for Nurses in 1890, and went on to hold positions in several educational institutions, rising to become the New York State Inspector of Schools of Nursing.

When World War I was declared in Europe in July, 1914, Goodrich was president of the International Council of Nurses (ICN). Although she was an avowed pacifist, as ICN president she recognized the importance of being prepared for war (Werminghaus, p. 32). In June, 1917, she met with nursing leaders M. Adelaide Nutting and Lillian Wald to form the National Emergency Committee on Nursing to "explore strategies to meet the urgent patient and nursing education needs facing the nation" (Holm, p. 10).

This work and her stature as president of the American Nurses Association (ANA) resulted in her appointment by the United States Army Surgeon General to be the "Chief Inspecting Nurse of Army Hospitals at Home and Abroad." She noted deficiencies in the preparation of army nurses, which eventually led to a recommendation to the Surgeon General that an Army School of Nursing be established to help meet this critical need.

In May 1918, when the ANA convention met in Cleveland, Ohio, America's soldiers had been heavily involved in the fighting for several months. Goodrich addressed the meeting, "We have come together in the most momentous period—not in the history of the country but in the history of the world to consecrate ourselves to the service of humanity through our chosen profession" (Kalisch and Kalisch, p.3).

While the war was indeed the greatest concern, equally important was the proposal for the establishment of the Army School of Nursing, still pending approval in Washington. A battle ensued when the American Red Cross made a counterproposal for use of nurse's aides instead of educated, prepared, professional nurses. With two diametri-



cally opposing views from the National Emergency Committee on Nursing and the American Red Cross, diplomacy and grit were the order of the day. The proposal for the Army School of Nursing was approved by the delegates with additional approval for a shortened nurses training course for college graduates (Sarnecky, p. 83). However, the Army School of Nursing was almost derailed because the Surgeon General did not approve the proposal. Determined, Goodrich and a group of influential nurses, including Francis Payne Boltona champion of nursing-prevailed and approval was granted.

That August saw the admission of the first class into the school, with Goodrich as its first dean. In addition to nursing courses, students also studied military organization, occupational therapy, and applied psychology. She was an advocate for student government, believing that "student nurses are citizens, just like everybody else, and are certainly entitled to democratic representation" (Koch, p. 109).

Nurses from the school served the war effort and also contributed significantly to caring for victims of the devastating 1918–19 Spanish Influenza pandemic. Goodrich's service to the school was recognized with the Distinguished Service medal. It also laid the foundation for her next role in founding the Yale School of Nursing in 1923—the first graduate, professional school of nursing in the world while also becoming the first female dean at Yale University.

Goodrich was a woman of strong convictions who was known at Yale as wanting the best for her students. By the time she retired in 1934, following eleven years of service to the university, Yale's entrance requirements were raised to a bachelor's degree, and the first Master of Nursing degree was underway, being conferred shortly thereafter in 1937.

Her legacy is unending and we salute her vision for nursing, as relevant now as ever, in a world with strife, displaced populations, and the risk of infectious disease pandemics among other, newer stresses such as climate change.

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A birth simulation with clinical faculty Michelle Telfer.

National Student Leadership Conference: exploring potential careers in nursing at YSN

This summer YSN hosted several groups of high school students from the National Student Leadership Conference (NSLC), who spent a week at the school taking classes and attending simulation events in order to explore nursing as a possible career path.

NSLC nursing began in the summer of 2016 through a mutual desire between NSLC, Yale Conferences and Events, and Yale School of Nursing to expand summer offerings at Yale. Programs were first implemented at the university in the summer of 2014, with a goal of providing high school students with the academic and leadership tools to help them decide if they would like to pursue a career in nursing.

Amy Bronick, a second year Family Nurse Practitioner student at YSN who will graduate in 2019, is the current nursing program director and assistant site director of the programs at YSN. As a former student of the NSLC, she commented, "I am honored to have had the opportunity to help organize and implement the nursing program at YSN. Since Yale is such a prestigious university, the administration of the NSLC is privileged to be able to implement the nursing program at a desirable location that fosters such wonderful academic growth and achievement."

Through the close partnership with YSN, the NSLC hopes to emulate the school's mission by helping to promote self-discovery and empowerment in the students as they develop as leaders in the field of nursing.



Some of the NSLC students in the Simulation Lab with Yale faculty members Phil Martinez and Sarah Korpak.

Faculty Focus

Honoring Dr. Ruth McCorkle: pioneering hospice, palliative care, and oncology nurse

Yale School of Nursing hosted a symposium and reception in May to honor pioneering hospice, palliative care, and oncology nurse, Dr. Ruth McCorkle, the Florence Schorske Wald Professor of Nursing and Professor of Epidemiology, who retired after a distinguished career, the last twenty years of which have been spent at Yale. Attendees came from far and wide, and included many students whose lives she had influenced, as



Left to right, Judith Krauss, former dean of YSN, Dr. Ruth McCorkle, and Dean Ann Kurth.

well as several of Ruth's family members. Speakers hailed from healthcare institutions all over the country, including the Dana Farber Cancer Institute, the University of Pennsylvania, and Michigan State University, as well as from multiple sectors of Yale. The afternoon was moderated by Judith Krauss '70 MSN, former dean of YSN and professor emerita, and the person who recruited Ruth in 1998. She described Ruth's life work as having made an "immeasurable and sustained impact on so many lives."

In her remarks, Brenda Nevidjon, chief executive officer of the Oncology Nursing Society, spoke of Ruth's impact on oncology nursing science throughout the United States and around the world, including in countries as



Attendees at the symposium included students, family members, faculty, and staff from across Yale, and representatives from healthcare institutions all over the country.

diverse as Zambia and the United Arab Emirates. "You inspire nurses with your expertise, your wit, and your wisdom. Thank you for all you have contributed to the oncology nursing specialty. And thank you for being a friend who has always been generous of yourself to me and others."

Mary Cooley, research scientist at the Dana Farber Cancer Institute and a former PHD student of Ruth's at Yale, described her mentor's notable influence on the science of symptoms and quality of life, highlighting Ruth's development of the Symptom Distress Scale, which was the first scale to measure patients' degree of discomfort from a specific symptom. It has become one of the most widely used symptom assessment scales. Ruth has enjoyed constant funding since 1983 to the present day for her research-a remarkable achievement. Dr. Coolev also described the breadth of Ruth's mentoring activities, including more than 70 doctoral and 30 post-doctoral students. Cooley portrayed her as a "visionary leader who has made such an impact on the future of our profession."

Dr. Regina Cunningham, chief executive officer at the University of Pennsylvania Hospital, described Ruth's successes as not only establishing the foundation in cancer nursing, but also in building the scientific case for advanced practice nursing in oncology, hospice, and palliative care. In her closing remarks she stated, "We stand on the shoulders of a giant, Dr. Ruth McCorkle."

Barbara Given, professor emerita at Michigan State University, talked about Ruth's wide-ranging contributions to science, the nursing profession, society, and to individuals, as well as her strength in building relationships with other disciplines. Addressing Ruth, she said, "What a wonderful career; what a sustained impact; what a legacy."

Yale professor Mark Lazenby '09 MSN became an oncology nurse under Ruth's tutelage at YSN. He spoke about her influence on being human and how she exemplifies what a good nurse is. He spoke of her ability to truly connect with patients, the depth of which came from her exposure to the extremes of human suffering in Vietnam, where she served as a captain in the



Dr. McCorkle was presented with a letter of gratitude for her service as a captain in the United States Air Force Nurse Corps during the Vietnam War.

United States Air Force Nurse Corps. This theme of her life was also reflected in the subject of her thesis, in which she chose to focus on the effect of touch for the seriously ill patient. In her field of oncology, her passion has been constantly driven by the desire to connect with patients—and those living with cancer-to help them to optimize life. Ruth has led multiple trials, including one that explored an advanced practice nursing intervention for cancer patients that resulted in a seven-month survival benefit. This trial revolutionized the field of palliative care, revealing—for the first time ever—that palliative care lengthens life.

Professor Lazenby ended his tribute by sharing a list of qualities that are foundational to being a "good nurse," and how each of these has been exemplified by Ruth throughout her career: respect for all life; serving society in a time of need; being present; improving the quality of life; preserving personal liberty, even as one is dying; multidisciplinary care; mutual respect; better care for people from diverse and vulnerable populations; lengthening life; improving the quality of dying; evidence-based practice; collaboration; gratitude; and hard work.

Dr. McCorkle held the inaugural Henry and Florence Wald Chair given to her by President Levin 17 years ago. Dean Ann Kurth commented that such an appointment "speaks for itself," adding, "A leader in psychosocial oncology, Ruth echoes the pioneering work of Dean Wald by deepening the science, practice, and teaching of palliative and end-of-life care. In doing so, she has enriched not only the field, but also the lives of countless patients, families, generations of students, mentees, and peers."

As Dean Emerita Krauss aptly concluded at the end of the afternoon, in hiring Ruth YSN had "recruited a history maker."

Dr. Ruth McCorkle receives the American Academy of Nursing's highest honor of "Living Legend"

Dr. Ruth McCorkle was informed in mid-August that she had been selected for the American Academy of Nursing's highest honor of "Living Legend." Each year the Academy recognizes just a small number of honorees; this year, seven outstanding nurse leaders were selected. To be eligible, the Living Legend must have been an Academy Fellow for at least 15 years and have demonstrated an extraordinary, sustained contribution to healthcare. Ruth officially received her honor at a special celebration in Washington D.C. in November.

Gina Novick inducted as fellow of American College of Nurse Midwives

In May, Dr. Gina Novick '83 MSN, '09 PHD, was inducted into the Fellowship of the <u>American College of</u> <u>Nursing Midwives</u>, the professional association that represents certified nurse-midwives and certified midwives in the United States. With roots dating to 1929, it sets the standard for excellence in



midwifery education and practice in the United States and strengthens the capacity of midwives in developing countries.



Virginia Sherrick receives Inspiring Yale award

The Yale Graduate and Professional Senate selected Virginia (Ginger) Sherrick to receive the 2018 Inspiring Yale award for Yale School of Nursing. She received her award at a ceremony in April where the work of various thought leaders from the thirteen graduate and professional schools at Yale was showcased.

Ginger is a lecturer in the Graduate Entry Prespecialty in Nursing (GEPN) and Family Nurse Practitioner (FNP) programs at YSN. She brings more than 20 years of nursing experience to her role as a simulation expert from myriad practice settings across the care continuum. In her role as the director of the Simulation Lab, she works collaboratively with nursing faculty, outside practice partners, and the community to develop and provide an active learning environment for students via a simulation-based learning curriculum. "We are honored to be presenting this year's Inspiring Yale award to such a deserving individual," stated Shermaine Hutchins, the committee chair for Inspiring Yale and student at Yale School of Public Health. "This award is a testament to the impact made on the Yale University student body, who selected all of this year's recipients."

Students from each school nominate and vote on faculty doing the most interesting and engaging work to represent their school and share their work. Ginger was selected by the students of YSN, as well as students within the broader Yale community.

In her acceptance speech, Ginger talked about "lessons I learned from my father," and spoke about what has inspired her as a nurse and an educator.

Three Yale nurses receive Nightingale Awards

Three nurses from Yale School of Nursing were honored with Nightingale Awards for Excellence in Nursing at the annual award ceremony in New Haven in May: Dr. Monica Ordway '97 MSN, '11 PHD, assistant professor of nursing; Dr. Andrée de Lisser '79 MSN, lecturer in the psychiatric and mental health nurse practitioner specialty; and Jennifer Espinoza, MSN '19, who was a recipient of the student scholarship award.

They were each individually recognized on stage with a certificate, a Nightingale insignia lapel pin, and a commemorative gift. A Connecticut nurse can be nominated only once in his or her lifetime for this award. The program was developed in 2001 from a desire to celebrate and



Dr. Monica Ordway; Dr. Andrée de Lisser; Dean Ann Kurth; Sonia Rocha; Jennifer Espinoza, MSN '19; Dr. Gina Novick: Dr. Carmen Portillo.

elevate the nursing profession. As a nursing organization with more than a century of service, the Visiting Nurse Association of South Central Connecticut created the award ceremony. The Nightingale vision was quickly embraced by the Community Foundation for Greater New Haven, Yale-New Haven Hospital, and The Hospital of Saint Raphael, whose financial support, along with that of YSN, brought the idea to fruition.



Dr. Robin Whittemore receives the Dorothy Sexton Mentorship Award

Dr. Robin Whittemore received the Dorothy Sexton Mentorship Award at the annual induction ceremony of the Sigma Theta Tau International (STTI) Honor Society of Nursing in May. STTI is the second largest nursing organization in the world, with approximately 135,000 active members. Dorothy Sexton, the namesake of the award, was the creator of the Yale School of Nursing's Medical-Surgical Nursing Program and leader in the development of the school's doctoral program, and was described as a "teacher's teacher" because of her mentoring skills.

YSN holds faculty development workshop

YSN held its first ever faculty educational workshop during four days in August. Faculty were given the opportunity to explore a broad range of topics through guided practice, handson activities, and collaborative discussions with members of Yale's Center for Teaching and Learning, the Apple Education Team, and other support organizations. Workshops covered areas such as classroom technologies, accessibility, software, and utilizing library resources.

Marge Funk retires after 34 years at YSN

Professor Marjorie (Marge) Funk '84 MSN, '92 PHD was honored at a retirement party at the Yale Golf Course in early June, with many colleagues paying tribute to her 34 years on the faculty at Yale School of Nursing.

Marge has been associated with YSN even longer. She has two degrees from Yale: a master's in medical-surgical nursing with a clinical specialty in cardiovascular nursing, and a PHD in chronic disease epidemiology. Over the years, her teaching responsibilities have included statistics, research, and acute care, including electrocardiography and clinical supervision in cardiac critical care.

A fun fact: shortly after receiving her PHD, she worked part-time operating the carousel at Lake Compounce in her hometown of Bristol, Connecticut.

Throughout her career, the focus of Marge's research was the wise use of technology in the care of critically ill patients with heart disease. She examined the appropriate and safe use of technology, its equitable distribution, and the humanmachine interface.

Marge received a \$3.9 million grant from the National Heart, Lung, and Blood Institute for the *Practical Use of the Latest Standards for Electrocardiography* (PULSE), a 6-year, 17-site randomized clinical trial evaluating the effect of implementing American Heart Association practice standards for ECG monitoring on nurses' knowledge, quality of care, and patient outcomes. The article reporting the main findings of the PULSE Trial won the Research Article of



the Year Award from the Council on Cardiovascular and Stroke Nursing of the American Heart Association. This award also honored the many YSN students and alumni who contributed.

Throughout her career, the focus of Marge's research was the wise use of technology in the care of critically ill patients with heart disease.

Most recently, Marge's research addressed wise use of technology in acute care settings, including clinical alarms. While the purpose of alarms is to enhance safety, they have themselves become an urgent patient safety concern. Numerous false and clinically irrelevant alarms lead to alarm fatigue, or desensitization to alarms among clinicians, which can result in missing important alarms or a delayed response to these alarms. Alarm fatigue has caused harm to patients, and even resulted in death. Marge studied aspects of alarm fatigue and

tested an intervention to decrease the occurrence of non-actionable alarms.

Marge has been a mentor to both students and hospital nurses. She served as co-chair of the Nursing Research Committee at Yale-New Haven Hospital and helped hospital nurses through all phases of the research process, including presenting and publishing.

Marge has been active in the American Heart Association, American Association of Critical-Care Nurses, Eastern Nursing Research Society, Association for the Advancement of Medical Instrumentation, and Healthcare Technology Foundation. Another fun fact: Marge also served as captain of the YSN toboggan team, which included brave faculty, staff, students, and alumni!

Her many honors include the Distinguished Research Lecturer from the American Association of Critical-Care Nurses, the Katharine A. Lembright Award from the Council on Cardiovascular and Stroke Nursing of the American Heart Association, the Mary Jane Williams Award for Lifetime Achievement in Nursing from the Connecticut Nurses Association, and induction into the Bristol Sports Hall of Fame in honor of her accomplishments in golf.

Marge reflected, "My time at YSN was very rewarding with its continuous joys and challenges. I particularly value my relationships with students, as well as with my faculty and staff colleagues. The school's long-time focus on applied clinical research has been a perfect match for my interests."

Dean Kurth commented, "We are so grateful for the many ways Marge has contributed to YSN, and to the nursing profession as a whole."

Student Matters





Congratulations to the class of 2018!

At Yale's 317th Commencement in May, 114 Yale School of Nursing graduates received nursing degrees. Three students were conferred with PHDs; fourteen became Doctors of Nursing Practice (DNP); and ninety-seven received Master of Science in Nursing (MSN) degrees.

After the formal conferring of their degrees on Yale's historic Old Campus, the students and their families attended YSN's 92nd Commencement ceremony at the Shubert Theater, with the exception of the three graduates from the school's PHD program, who were presented with their degrees from the Graduate School of Arts and Sciences ceremony in Woolsey Hall.

"Leap, and the net will appear"

This year's Commencement speaker was Dr. Leslie Mancuso, president and CEO of Jhpiego, the international non-profit health organization that has worked to prevent the needless deaths of women and families for over 40 years and in more than 155 countries. Following the theme of "leap, and the net will appear," she talked about how nurses should be the drivers of change, the inno-





vators, and the decision makers that can bring us to a new, more inclusive era in healthcare.

She exhorted graduates to "expect and demand a seat at the table," adding that "now is not the time to be timid, to wait to be asked for input or to join the conversation. No longer can we allow decisions to be made about our role in healthcare without leaders at the table able to speak on our behalf."

The student address—a prestigious honor bestowed on a student each year following an essay contest—was given by Kelli Kozel, who spoke about finding the inspiration in the world around us, using the analogy of Nor'easter storms. Since Kelli hailed from California, she was first introduced to the world of Nor'easters during her time at Yale. She urged her fellow graduates to "be like the Nor'easters...be strong, fierce, and unabashed. Now more than ever there are vulnerable patients and populations who need us to advocate, do research, and provide quality care."

Students were presented with their diplomas by Dean Ann Kurth '90 MSN and Dr. Carmen Portillo, YSN's executive deputy dean. Associate Dean for Student Affairs Saveena Dhall and YSN Alumni Association retiring chair, Mary



Geary '74 MSN, presented the school pins—a longstanding tradition at the school where each degree recipient receives an individually engraved school pin. The tradition originated in the late 1800s when Florence Nightingale honored some of the graduates of her nursing school by giving them a medal. The evolution of this honorary medal has become the nursing pin, a traditional gift given by many nursing schools around the world to honor their graduates.



2018 Commencement Awards

The Annie Goodrich Award

recognizes the legacy of the founder and first dean of YSN and honors a faculty member with outstanding teaching skills, professional activities, and effectiveness as a role model. This year, the student body honored Dr. Ruth McCorkle, who recently celebrated her retirement after an exceptional career in oncology nursing.

The DAISY Award ("Diseases Attacking the Immune System") honors an extraordinary nurse and was given this year to faculty member Dr. Ronica Mukerjee '17 DNP, who has demonstrated a powerful approach to engaging with and teaching her students. Each year the students and faculty also recognize a staff member with a **Staff Appreciation Award** for his or her dedication to the students of YSN. This time, Sandra Esposito in the Office of Student Affairs received the award for her faithful work going above and beyond to support the YSN community.

The YSN Community Service Award is presented to a deserving student who has made outstanding contributions to the New Haven community through the delivery of healthcare or in volunteering time in outreach efforts. This year's award went to Jana Young, who devoted much of her time to the Haven Free Clinic, serving as the executive director of the Student Leadership board.



The Charles King, Jr. Memorial Scholars Aid Prize is given annually to a leading graduating student who has demonstrated outstanding performance in scholarship, research, and clinical practice and who, through accomplishments in, and leadership of, all aspects of study, has inspired an admiration for professional work. Fanta Bayoh was honored for her commitment to advocating for health justice through the Global Health Justice Partnership. She proved herself a powerful leader, serving as president of Yale's Black Graduate Student Network, secretary of YSN's Student Government Organization, and co-founder of the Minority Student Nurses at YSN.

The Milton and Anne Sidney Prize was awarded to Tracy

Kelly, who taught and practiced pediatric nursing in Rwanda, Tanzania, Mauritania, and Sierra Leone. The award goes to a student whose research praxis, in the judgment of the faculty, best exemplifies the school's commitment to clinical research and its mission to contribute to better health for all people through systematic study of the nature and effect of nursing practice. Tracy embarked on a rigorous two-part systematic study to create learning domains, competencies, and evaluation items for graduate nursing global health clinical immersion programs that can guide curricular planning, implementation, and post-immersion evaluation.

The Connecticut Holistic Health Association prize for

academic excellence is given to a student demonstrating academic excellence in a holistically oriented research or clinical project of significant social relevance. Recipient Hung Le advocated for people facing addictions through a community non-profit and co-founded YSN'S Addiction Medicine Collaborative, an organization that serves to develop students' interest in topics relating to substance use disorder treatment and recovery.



The Leadership in Nursing

Practice Prize went to Brighid Gannon, which recognizes a Doctor of Nursing practice student who showed outstanding leadership in the capstone project. Brighid developed an intervention for use with traumatized women in the largest homeless shelter in New York City, navigating the difficult terrain of



Dr. Eileen Condon, Dr. Kaitlyn Rechenberg, and Dr. Halley Ruppel received their PhD degrees in nursing from the Graduate School of Arts and Sciences. All three of them have already made strong contributions to nursing science through their accomplishments in the PHD program.

a large public agency with multiple stakeholders and an intricate landscape with respect to legal, personnel, and human subjects and ethical considerations.

PHD student Halley Ruppel was presented with the **Anthony Di Guida Delta Mu Prize**, given annually to a graduating doctoral student who exemplifies the love of scholarship and the joy in learning that Anthony embodied.

One student's journey into plant-based medicine: the story behind Nutrition that Heals

Vanessa Correia, RN, CLC, YSN '19, is a second-year MSN student and teaching assistant to Michelle Kennedy, lecturer of the Community Health Nursing and Public Health course for students in the first year of the Graduate Entry Prespecialty in Nursing program. She is passionate about utilizing food as medicine. In Spring, 2018, she founded the Nutrition that Heals lecture series, supplementing Kennedy's course. She shares with us how her passion for nutrition has evolved and why she feels this subject is critical to convey to future providers.



Vanessa Correia assisting Michelle Kennedy in teaching at the Yale Landscape Lab.

The Nutrition that Heals lecture series is an expression of my own journey through understanding the importance of nutrition in medicine. I became vegan originally for the health of our environment upon learning that animal agriculture contributes more to global warming than all transportation combined. At the time, I was working with Save



Vanessa Correia, pictured here (right) with YSN lecturer Michelle Kennedy 05 MSN, has been instrumental in establishing the Nutrition that Heals course at YSN.

"I became vegan originally for the health of our environment upon learning that animal agriculture contributes more to global warming than all transportation combined." the Children Fund in the world's second largest refugee camp in Jordan. The ethics of hunger began to strike me as I learned that the majority of the world's grains are fed to animals in order to fatten them rather than be fed to the hungry. When my own dad passed away just months later, I began considering the moral implications of inflicting suffering on those animals and researching the health effects of the Standard American Diet that I thought killed my father. Through all of this, I came to one concrete conclusion: a whole food, plant-based diet is optimal for human health.

The series was designed by me and a team of equally passionate YSN students with the intention of providing an introduction to plant-based, evidence-based nutrition. They included Emma Hoffman, Casey Magis-Agosta, Emma Kleck, Maddy Kenler, Maya Chay, and Gerardo Acosta. G-Zen Organic Restaurant and Heartfelt Catering donated funds and provided meals. We started with a general introduction to plant-based diets to provide a comprehensive understanding of necessary nutrients. A deeper dive into food insecurity at the local New Haven level provided a realistic context in which to counsel low-income patients about food choices. Other topics included racial histories of diet and the ethics of food systems. Dr. Robert Ostfeld, a Yale School of Medicine alumnus, gave a lecture on the scientific evidence behind reversing heart disease with a whole food plant-based diet. The series was funded and supported by a Yale Wellness Grant.

The evidence base for food as medicine began forming many decades ago and has expanded rapidly in the past few years. While master's students do receive some didactic hours of nutrition education, much of the current information is outdated or onesided and fails to incorporate issues of food insecurity and food justice. Health professional schools have often failed to meet recommendations to incorporate more nutrition hours in their curricula despite it being a national goal for more than fifty years.

The use of nutrition as prevention and treatment for lifestylerelated illnesses is critical. It is an injustice to patients that we are not taught the evidence base behind the root causes of our top killers. It is that much more of an injustice to minority patients, who, statistics show, are the most negatively affected by heart disease and cancer. The students behind Nutrition that Heals strongly believe that YSN can and should be a leader in this inevitable paradigm shift that is more sustainable, more ethical, more logical, and more effective than disease-centered approaches to health.

My passion lies in making wellness accessible for children living with toxic stress. I grew up in an impoverished household with toxic stress ruling my childhood. I want to support kids when they need it most so their situations will not define them. I believe the foundation of every treatment plan should include a more whole food plant-based diet, stress management, and physical movement. This is the only starting place in which we can truly heal the body. And the lives of our patients certainly deserve to be healed and supported.



The DNP graduating class with Yale's mascot, Handsome Dan, May 2018.

Why the Yale DNP program?

Offering a unique focus on leadership and policy, the Yale Doctor of Nursing Practice (DNP) program is designed for mid-career nurses who wish to become innovative healthcare leaders. Five recent DNP graduates were interviewed and asked the question, Why did you choose the DNP at Yale? <u>Here's how they responded.</u>

MANU SHARMA

"I chose to come to Yale because of the individualized attention that the DNP students obtain here. There are a lot of other institutions who are more concerned with increasing the population of the class, and I feel like that doesn't correlate with the same level of learning that can take place in a smaller setting."

DANIELLE BOWIE

"I chose the Yale School of Nursing first and foremost because of its reputation. I knew that it was one of the most selective nursing schools in the nation, and I wanted to be a part of that legacy. I also felt it was very important to be around individuals that had the same mindset."

SAPANA PATEL

"I knew that coming to a program like this, I would be pushed out of my comfort zone. I've been a clinician for more than 10 years, and the next step for me was to be a leader. I just didn't know how to get there, and I knew that going to another school, I may not be exposed to the expertise, the leadership that I needed for my journey.

STEPHANIE FASSU-NOULAHEU

"As a health provider of African descent, it was really important for me to be part of an organization that is grounded, not only in diversity, but also academic excellence."

ARIES LIMBAGA

"I chose the Yale DNP program because of its system focus, its health policy and education focus so I can really effect health policy change."

Alumni Spotlight

Distinguished Alumni Awards, 2018

Since 1973, Yale School of Nursing has annually recognized the work of alumni who have made outstanding contributions to the fields of nursing practice, teaching, and research. Through their work or service to the community, these individuals have uniquely influenced the field of nursing. In May, Dean Kurth hosted an awards dinner at the Yale Graduate Club honoring this year's five recipients of the Distinguished Alumni Awards.

Retiring chair of the Yale School of Nursing Alumni Association, Mary Geary '74 MSN, commented, "It is clear from the people in this room that our dedicated alumni are inspiring the next generation to use their Yale educations in creative ways to make the world a better place."



CAROL SHIEH '98 DNSC

Dr. Shieh is an associate professor at the Indiana University School of Nursing in Indianapolis. She has a clinical certification in inpatient obstetric nursing and a public health background. Dr. Shieh was one of the three graduates in 1998 from the first cohort of the Yale University School of Nursing's Doctor of Nursing Science program. Since graduation, she has worked in academic settings in Connecticut and Indiana.

Throughout the years, Dr. Shieh has committed to preparing future nurses to practice at all levels, as well as to advancing nursing science. She has received numerous awards recognizing her contributions to creative pedagogies used to teach nursing students health disparity, health literacy, and health message design, and linking health disparity data to practice change. She was the first nurse educator who published results of training undergraduate and graduate students and practicing nurses to systematically assess readability and suitability of patient education materials. She was also the first nurse researcher to publish empirical data on theory-based health information-seeking behavior among pregnant women. She developed a composite scoring system that demonstrates how information-seeking could change with reference to information needs and barriers. She is the author of the Pregnancy Health Information-Seeking Scale and the Pregnancy Health Information Barriers Scale. Dr. Shieh's research findings have been used to shape policies, such as how the European Union regulates readability of training materials for multilingual workers, and how the U.S. Department of Health and Human Services synchronizes federal agencies to concurrently improve financial and health literacy of lowincome populations.

Dr. Shieh is a health promotion researcher focusing on improving maternal health and reducing infant mortality. She has studied pregnant illicit drug users, women with leprosy, immigrant women, low-income women, and women with obesity. Her current research portfolio includes designing and testing a smartphone-assisted self-monitoring weight management intervention for pregnant women. She and her interdisciplinary colleagues also use text messaging, social media campaigns, and community-engagement approaches to developing infant mortality awareness and maternal risk reduction education programs. Dr. Shieh's publications are adopted by nursing, medicine, medical informatics, health education, health communication, and public health research sectors across 16 countries in 5 continents. She has received awards for her contributions to women's health research, nursing science, preventive medicine, and translational science and is a Fellow of the American Academy of Nursing.



BARBARA WOLFE '87 MSN

Dr. Barbara Wolfe is dean and professor at the University of Rhode Island College of Nursing. She was previously the associate dean for research at the Connell School of Nursing at Boston College and held a faculty appointment in psychiatry at Harvard Medical School and Beth Israel Deaconess Medical Center. Dr. Wolfe is internationally known for her work on women with eating disorders. Her research focuses on the relationship between biological correlates of clinical symptoms and the implications for intervention and relapse prevention. Her work has been funded by the National Institute of Mental Health and widely disseminated through publications and national and international presentations.

She is a past president of the American Psychiatric Nurses Association (APNA). She has served on numerous national committees, including the American Psychiatric Association's Diagnostic and Statistical Manual (DSM-5) Eating Disorders Workgroup, and is a former chair of the National Institutes of Health Nursing and Related Clinical Sciences Study Section. She is currently a member of the editorial boards for the Journal of the American Psychiatric Nurses Association and the International Journal of Eating Disorders. She is a former Robert Wood Johnson Foundation Executive Nurse Fellow, and a past recipient of APNA's Psychiatric Nurses of the Year Award. Dr. Wolfe is a Fellow in the American Academy of Nursing and member of the Eating Disorder Research Society and Sigma Theta Tau Honor Society for Nursing.



ROSE CLARKE NANYONGA '15 PHD

A well-established healthcare leader, Dr. Rose Clarke Nanyonga is Clarke International University's (CIU) vice chancellor in Uganda. She holds a senior faculty position at CIU, teaching health policy and planning as well as advanced strategic management.

Dr. Nanyonga received her undergraduate degree in nursing from Arkansas Tech University, earned an MSN from Baylor University, and then went on to earn her PHD in nursing from Yale, where she was a Jonas Scholar and a recipient of the Graduate Certificate of Concentration in Global Health. Her PHD work examined *Leadership, Followership* and the Context: An Integrative Examination of Nursing Leadership in Uganda. She has worked as the director of nursing services for International Medical Group, the largest private health system in Uganda, and was instrumental in helping establish the International Hospital Kampala School of Nursing, which formed the first faculty at CIU.

In 2009, Dr. Nanyonga pioneered a grassroots campaign to end child sacrifice and crimes associated with ritualistic child sacrifice in Uganda. She continues to be an avid advocate for change in this area and lobbies for appropriate dialog and laws to address practices and crimes related to child sacrifice.

As an inspirational speaker, she is particularly interested in dialog on transformational leadership, growing leadership capacity for future generations of healthcare providers, how current professionals can retool themselves to match the competitive and cutting-edge work culture of the 21st century, and fostering leadership to transform rhetoric into action. Her leadership training series *Dream*, *Inspire, Enable* has been instrumental in enhancing leadership skills for senior nursing officers in the country. She believes that nurses are natural leaders and, as such, should be able to dream, inspire, and enable others to achieve better results.

BARBARA SHAW '88 MSN

Dr. Shaw is an assistant professor in the department of Community, Systems, and Mental Health Nursing at Rush University, as well as a teacher in their Doctor of Nursing Practice program. She received her MSN as a Family Nurse Practitioner (FNP) from Yale in 1988, and completed her doctoral studies at the University of Illinois at Chicago. In addition, she has an academic background in medical anthropology.

Dr. Shaw has worked as an FNP nurse in community health centers in Boston and Chicago, always tending to those on the margins of society. Although bilingual in Spanish, she realized she needed to learn Portuguese to better communicate with patients at the clinics of Cook County Medical Center, and so she did. She recently worked at a clinic that provides primary healthcare for people with disabilities, mobility disorders, severe psychiatric illnesses, sensory disabilities, and developmental disabilities. The center is unique in that it is accessible to all.



ELIZABETH ESSTMAN 'OO MSN

Ms. Esstman (left) is board certified as a gerontological nurse practitioner and as an adult gerontology primary care nurse practitioner by the American Nurses Credentialing Center (ANCC). She has dedicated her career to maximizing quality care to older adults, to enhancing the geriatric education of nurses, and to advocating for the role of the nurse practitioner.

She currently practices in Connecticut providing comprehensive, specialized, geriatric primary care to homebound older adults and hospice patients living in the community. Ms. Esstman was instrumental in establishing the Nurses Improving Care to



The center is run by nurse practitioners from the University of Illinois at Chicago and located in a neighborhood that has seen a rise in gang violence over the past year.

In addition to teaching and clinical supervision, Dr. Shaw provides care to immigrants and refugees at Heartland Health Center and participates in the development and implementation of an advanced practice nurse fellowship in immigrant and refugee health. She works twice a week at the community clinic in Chicago's Uptown neighborhood, where 90 percent of her patients are immigrants, mostly Latino, but also from all over Africa.

Healthsystem Elders (NICHE) program in a long-term care facility in Connecticut, making it the first skilled nursing facility in the state to incorporate this nationally recognized initiative to improve geriatric care and to educate nurses in specialized geriatric care. She has been a clinical instructor for YSN since 2007.

Ms. Esstman has served on the national Adult-Gerontological Nurse Practitioner Primary Care Content Expert Panel with the ANCC since 2011. She was elected vice chair of the Content Expert Panel in October 2013 and elected chair of the Expert Panel in December 2017. She has served on the board of the New England Gerontological Advanced Practice Nurses Association (GAPNA), the national GAPNA long-term care special interest group, and the national GAPNA health affairs committee. She is currently a board member of the Acute Care Geriatric Nursing Collaborative.

Ms. Esstman fought to allow advanced practice registered nurses in Connecticut to write *do not resuscitate* orders by educating nursing groups, meeting with legislatures, and presenting testimony to the public health committee. She has published in *Consultant* and in the John A. Hartford Institute for Geriatric Nursing's *Try This Series: Best Practices in Nursing Care to Older Adults*.

Yale Day of Service for Newborns in Need



More than a hundred alumni, staff, and volunteers came together in May at Yale School of Nursing to take part in the Yale Day of Service. They filled 375 bags with baby clothes, books, and diapers to be donated to Vidone Birth Center for the Newborns In Need program.

Donors support innovative teaching and learning



Anne McDermott '08 MSN establishes the Meredith Goff Scholarship Fund

When Anne McDermott CNM, MSN (YSN '08) and her husband, Robert Byrne, sat down to discuss where they would make charitable contributions in 2017, Anne knew she wanted to include the School of Nursing in their giving. They decided to establish the Meredith Goff Scholarship Fund to make a difference in a student's life and to honor Anne's mentor and teacher. Anne was aware of the immense debt most nursing students leave Yale with, but she was also aware that they come to Yale School of Nursing because they are driven to help people and to go on to work in underserved communities across the world. Anne and her husband, in turn, felt driven to help YSN students chase those goals. "We believe this scholarship is a good way to help students pursue their professions after graduation, whether their specialty is gerontology, oncology, midwifery, or family nursing," Anne said. "Our hope is to make it a little easier for them to pursue the careers they want."

A Chance Encounter

Anne moved to Connecticut in 1994 and knew at the time that she wanted to become a midwife after having an incredibly positive experience delivering her first child at a freestanding birth center in Pittsburgh. She noted, "I was very motivated and astonished by that model of care and the difference it could make in maternal-child outcomes in the United States." Anne was surprised to find there were no freestanding birth clinics in Connecticut, but, coincidentally, she met Meredith Goff who was trying to start the first one. From that point on, Meredith became a mentor to Anne, and Anne worked in her practice for a number of years before becoming a midwife herself.

Mentor and Groundbreaker

In addition to her practice, Meredith taught at YSN for a number of years, and she was a mentor to countless students and faculty. "Everybody was always sitting in her office," Anne said. "She always gave very calm, salient advice." Meredith was successful in opening a birth center at St. Mary's Hospital in Waterbury, and she was the first midwife to open her own independent practice in the state of Connecticut. Meredith is still practicing and is now the director of prenatal care for Outer Cape Health Services on Cape Cod. Anne felt compelled to honor Meredith for her mentorship and her contributions to the field by naming the scholarship after her.

Supporting Our Students

In addition to supporting the school financially, Anne precepts YSN students at Norwalk Hospital. She remarked on how well prepared and mature YSN students are, often receiving compliments for their knowledge and skills from other providers on the floor. Anne is a 2008 graduate of YSN and received the Milton and Anne Sidney Prize for research on pregnancy, childbirth, and risk. She was recently appointed to the board of directors for Western Connecticut Home Care, which is part of the Western Connecticut Health Network.

In memory of Marcia Granucci '74 MSN: Scholarship to support psychiatricmental health nursing students

Marcia Granucci grew up in central Connecticut and attended Salve Regina College, where she obtained her BSN in 1972. Upon graduation from Yale School of Nursing in the Psychiatric Mental Health specialty in 1974, she went on to teach nursing at the University of Connecticut and later became a consultant to the Visiting Nurses of Hartford and the Connecticut Nurses Association. Eventually she entered private practice in Middletown, Connecticut, In January 1991. she received Certification as a Clinical Specialist in Adult Psychiatric and Mental Health Nursing from the American Nurses Credentialing Center. When her husband, Michael Granucci, accepted a position to lead a startup manufacturing company in New Jersey, Marcia, Michael, and their two children relocated. Marcia took on a position at a startup psychiatric hospital as director of nursing and led that organization in its early years through Joint Commission accreditation. In the spring of 1995, she accepted a position with the Visiting Nurses Association of Central Jersey to begin and lead the development of a new Psychiatric Home Care Program. Always active in her community, for several years she led fundraising at her children's school, diligently assisted in the design and construction of her church in Connecticut, and was a member of the Monmouth County Board of Alcohol and Drug Abuse Services.



While making a home visit in November of 1995, she was murdered by the son of an elderly couple who were her patients. Shortly before her death she was interviewed by the editors of Nursing Times on depression research, and after her death she was recognized by "Nursing Spectrum" for Excellence in Nursing. In 1996, she received a Lifetime Achievement Award from the New Jersey Home Health Assembly. During a period shortly after her death, in her memory and to continue her professional legacy, Marcia's family established a scholarship at the Visiting Nurses Association of Central Jersey as a tuition grant for nurses in pursuit of graduate-level nursing degrees. Over the following years, numerous scholarships were awarded to graduate-level nurses specializing in psychiatric or community nursing. Marcia's husband, Michael, recently decided to move this scholarship to the Yale School of Nursing where it is intended for students specializing in psychiatric-mental health who have achieved a superior level of academics and are held in high regard by their colleagues.

Gift to support global health efforts

YSN has received a generous gift from Grant and Carole-Ann Davies (both P'96, P'98, P'01 MD) to be used at the discretion of the dean to support the school's global health efforts. Dean Ann Kurth commented, "We are deeply appreciative of this substantial and flexible gift that will enable the expertise of YSN's faculty and students to be shared with colleagues around the world, help to propel the school's global health research, and build innovative educational programs at YSN."

Mr. Davies has been a member of the Dean's Leadership Council since the fall of 2017, when he and his wife Carole-Ann were first inspired by YSN's vision for global health. "Since growing up in Canada, we have had a strong commitment to helping ensure every individual has adequate health services—Yale's Global Health efforts are helping achieve this goal."

Grant is a director of Accenture Consulting and the former chief executive officer of Davies Consulting, an international strategy and management consulting firm. He has more than thirty years' experience consulting with clients in energy, healthcare, and telecommunications and has expertise in disaster planning. Carole-Ann is the former Director of Study Skills at National Cathedral School.

Grant and Carole-Ann have two children, Brooke '98 and Ryan '96, '01 MD



Leading the way for advances in healthcare: Tom '83 and Wendy '83 Naratil endow fund for nursing innovation

Established in 1923 as the first university-based nursing school, Yale School of Nursing has a nearly century-long commitment to science and research. Ann Kurth, dean and Linda Koch Lorimer Professor of Nursing, is proud to uphold that tradition.

"Yale nurses lead the way in applying scientific advances to clinical practice," Kurth said. "One of my most exciting roles as dean is to support our faculty members who conduct research on significant health issues, while cultivating the spirit of innovation in our students."

With its 70 nursing scientists and clinicians, the YSN faculty continually break new ground in nursing science, drawing from basic, clinical, biobehavioral, translational, and community-engaged research approaches. This breadth of perspectives allows for a nuanced understanding of health—nurses explore the impacts of environmental factors, access to healthcare, genetics, educational and behavioral interventions, and more—and positions the school to bring the best ideas to bear on health system, population, and patient outcomes. "Tom and Wendy are committed to spurring innovation in nursing. At the same time, their gift provides critical faculty support, helping to attract even more outstanding scientists to ysn."

—ANN KURTH, DEAN

Funding innovative science

To support this work, Thomas '83 and Wendy '83 Naratil have endowed a permanent fund at YSN. The Wendy U. and Thomas C. Naratil Nursing Innovation Fund will enable one faculty member each year to undertake a cutting-edge project or pursue a new research idea. The dean will select a recipient whose work promises to have a meaningful impact on the school and in the wider world, with an eye towards pilot research, new clinical initiatives, health projects, or creative pedagogy.

"Tom and Wendy are committed to spurring innovation in nursing," Kurth said. "At the same time, their gift provides critical faculty support, helping to attract even more outstanding scientists to YSN. I am grateful for their generous and far-sighted contribution."

Improving healthcare for all

Tom and Wendy Naratil have an abiding interest in healthcare: they are both members of the YSN Dean's Leadership Council, and in 2013 they endowed an annual award at the Yale School of Medicine to support innovation in women's health. When their daughter enrolled in nursing school at Villanova, the Naratils began to focus on the crucial role nurses play in healthcare.

"We made this gift because we saw the great difference nurses make for both their patients and the healthcare system," Wendy Naratil said. "There is tremendous potential for creative healthcare solutions to improve peoples' lives."

YSN nurses and midwives are prolific researchers . A sampling of projects on the next page show the range and impact of their work

Leaders in Health Science

YSN nurses and midwives are prolific researchers. A sampling of projects shows the range and impact of their work.

As these examples illustrate, nursing as a "STEAM" discipline (science, technology, engineering, arts, medicine) stands ready to contribute to Yale's scientific priorities as well as its pedagogical mission.

"This work, that can have an impact on the health of populations around the globe, will be expanded by the Naratils' gift."

> DR. DAVID VLAHOV, YSN'S ASSOCIATE DEAN FOR RESEARCH



Dr. Julie Womack studies HIV/AIDS in an aging population, with a focus on HIV-infected women. She uses natural language processing and machine learning to explore associations between HIV infection and conditions associated with aging, including falls, heart disease, and sleep disturbance.



Dr. Marianne Davies works with an interdisciplinary team treating patients with stage IV lung cancer at Smilow Cancer Center, developing new immunotherapies and clinical practices. Immunotherapies prompt the body to fight cancer by stimulating antibody and T-cell responses and using immune checkpoint inhibitors.



Dr. Holly Powell Kennedy shapes the global research agenda in midwifery as part of an international team that has identified and assessed research gaps worldwide in maternal and child health.



Dr. Linda Honan collaborates with the Schools of Engineering and of Medicine to use innovative approaches to enhancing student skills in clinical observation and physical examination, including creating a "beat box" device that simulates a range of pulses.



Dr. Redeker directs YSN's Biobehavioral Lab and has an extensive NIH-funded sleep science research portfolio, including with colleagues at the School of Medicine.



Dr. Soohyun Nam studies social networks and obesity risk behaviors among African American women. Her interests include self-management for chronic diseases such as obesity, type 2 diabetes, and cardiovascular diseases, as well as health disparities affecting underserved adults of diverse race and ethnicity.



Dr. Sadler is principal investigator of a W.K. Kellogg Foundation- funded effort to disseminate the Minding the Baby® home visiting program that improves outcomes for vulnerable mothers and children.



Elevating nurses and health systems: Patricia Gruber supports the next generation of nurses at Yale

Nathan Christopherson '18 DNP learned his traumamanagement skills as a U.S. Army combat medic and trauma nurse in Iraq. Currently the assistant vice president of the Northwell Health Trauma Institute, Christopherson oversees eight trauma centers in the New York metropolitan area, with a mission to bring evidence-based practices into wide-scale delivery of trauma care. Earning his new Doctor of Nursing Practice degree from Yale School of Nursing, he aims to improve trauma care. "Yale is helping me to ask questions on a higher level," Christopherson said. "How can we support our hospitals? What can I do to move the ball forward for trauma care everywhere? I'm learning and applying things to improve patient outcomes on a system-wide scale."

In support of healthcare professionals like Christopherson, Patricia Gruber has committed \$3 million to the Yale School of Nursing to create

"I am very happy to help the next generation of nurses. Yale School of Nursing provides superb training to very talented young people who will go on to be tomorrow's caregivers, administrators, and researchers, and I am thrilled to help make this education more affordable."

-PATRICIA GRUBER

the Gruber Nursing Fellowship Fund. The Fund will provide full tuition for students who exhibit promise as future innovators and leaders in the field of nursing.

"We are so grateful to Pat Gruber for this magnificent gift, which is the largest gift from a living donor in the school's history," said Dean Ann Kurth. "Pat came to us with a clear vision of how to help our students think globally and with an entrepreneurial approach. Her generous endowment will have a lasting impact on the school and our students."

Practical training, global outlook

Starting this fall, the Gruber Fund will support one student a year, and when it is fully funded, the endowment will support three Gruber Fellows annually. "The Gruber Fund is meant for students who can work at the highest levels and bring an international perspective," Dean Kurth said. "This will include both DNPs and eventually Master of Science in Nursing students as well. We're looking for talented individuals who will apply leadership with a global focus. Since we're educating potential world leaders in nursing, we want to make sure they are equipped to work not only with patients, but also with health systems, governments, non-governmental organizations, and industry, for high impact and influence."

A focus on health systems

Students in the Doctor of Nursing Practice program, like Christopherson, focus on improving care on a macro level across health systems. In addition to studying advanced clinical nursing, these students participate in the management training and entrepreneurial skill-building needed to tackle big questions in healthcare. The benefits to patients and institutions are measurable: studies have shown that hospitals with nurses on their boards are more profitable and efficiently run than their peers.

Much of this education happens in collaboration with other professional schools at Yale, such as law, divinity, and management. "Interdisciplinary and interschool collaborations are a wonderful benefit of our DNP program," Kurth said. "Taking classes across the university and alongside peers on different career paths, our students can apply different perspectives to pressing policy issues. They develop skills they can take into their careers at institutions around the world."

Greetings from the Yale School of Nursing Alumni Association

As I write this, the summer sun is bright and warm, but you may be reading this while enjoying the cool, colorful foliage of the fall. No matter the season, I hope this finds you in good health, bright spirits, and enjoying your families and careers with great vigor and purpose!

It has been an exciting two years serving on the board, particularly under the leadership of our president, Mary Geary. A woman of many talents, she offers YSN students an amazing career negotiating skills workshop each spring, during our career panel night. We have truly benefitted from her expertise as a hiring executive and negotiator of contracts for hospital vendors. The grace and dignity she exhibits in her leadership are qualities I will strive to emulate as I take over as president. Thank you, Mary, for all you have offered the YSNAA. I look forward to working with you!

As we look to the year ahead, the board is working with the Student Government Association and previous program participants to revamp some of the offerings to our student community. We strive to offer the highest quality programming, while meeting the specific needs of both our student body and alumni volunteers. We look forward to offering improved mentoring, resume review, and alumalum outreach efforts. YSN's own Newborns in Need program—our contribution to the national Yale Day of Service (YDS)—has been recognized by President Salovey and has generated the most participants of all the 49 Connecticut YDS-based sites. In May, more than a hundred volunteers filled 375 bags with a range of supplies for new mothers at St. Raphael's Birth Center.

I also look forward to working closely with the faculty in potentially new and meaningful ways to help support their growing GEPN student class. It is an exciting time when the recognition of APRN



Mary Geary (left) with Dean Kurth at the Distinguished Alumni Awards dinner in May. Mary has served as the YSNAA president for the last two years.

value continues to grow, and as advanced practice registered nursing becomes one of the most sought-after careers. The YSNAA is readying to assist our illustrious faculty to meet their needs.

So, I call upon all of you, my talented, successful, and philanthropic alumni, to join the YSNAA in service to our YSN community. There are so many great ways to get involved and the student community is very appreciative of your time and expertise! Please let me know how I can connect you with the things that interest you, and I will do everything I can to make it happen!

Warmest regards,

Danielle Morgan 'oo MSN President, Yale School of Nursing Alumni Association danielle.morgan@aya.yale.edu



Danielle Morgan, the incoming president of YSNAA.

In memoriam

Maureen L. Angelini Dorothy J. Graham-Hannah Gail K. Leslie Joan M. Truby

Welcoming new staff

Vivian DelValle Joshua Gleason Joseph Korevec Lori Rasile Jasman Ware Beth Zapatka Senior Administrative Assistant Instructional Technology Specialist Assistant Dean of Enrollment Managment Director of Finance Development Coordinator Associate Dean for Advancement





Support innovative teaching and learning at Yale School of Nursing

Investing in Yale nursing students is an opportunity to advance the future of nursing. Our students do what they do because they are committed to improving lives, making a difference in health policy and systems, and engaging in transformative research. On average, Yale nursing students graduate with more than \$100,000 in debt, an amount that can feel like an overwhelming burden. The donors highlighted in this issue have made a life-changing difference for several of our students. We invite you to consider partnering with us as we educate some of the world's best nurses.

Please contact: Beth Zapatka Associate Dean for Advancement beth.zapatka@yale.edu 203.785.7920

Yale school of nursing

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