

AR2020

ANNUAL REPORT 2020

Improving Lives

A Year of Challenge & Innovation

AT JEFFERSON COLLEGE OF NURSING

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A Word from the Dean

FORGING AHEAD

Building on Legacy, Persevering Under Pressure

Even before the global COVID-19 pandemic scrambled schedules and forced us to quickly adopt unprecedented ways of teaching, learning, and practicing nursing, Jefferson College of Nursing was aggressively establishing itself as an outstanding academic institution and a vital contributor to building a better Philadelphia area community. Our future-focused strategic plan, coupled with wide-ranging academic-practice partnerships serving diverse populations – many traditionally lacking access to quality healthcare – is propelling Jefferson to define and direct the course of 21st century nursing.

Despite the shadow it cast over every aspect of our life and work, the pandemic has helped shine a light on our role in the community, and on the hard work and dedication of our students, administrators, and faculty. Facing conditions not foreseen just a year ago, the College of Nursing's community has persevered and continues to build its legacy of leadership and impact.

We continue to bolster our efforts with the latest technology, and to recruit both experienced and up-and-coming faculty members devoted to cutting-edge and results-driven programs. We lead the way in the classroom, at the bedside, and through research that sets the pace for reimagining, transforming, and disrupting the way nurses lead and impact society.

In my third year as Dean, I am pleased to present the college's most comprehensive annual report. Our goal is to provide a snapshot of what we are doing now, and what we expect to accomplish in the years ahead.

There is no way to tell the full story of our work in these few pages. But if you read something that peaks your interest or inspires you to get involved in our work, I invite you to contact me at marie.marino@jefferson.edu.

Please join us in our journey as Jefferson College of Nursing leads the way with new ideas to transform nursing education, practice, and research.

Dr. Marie Ann Marino
Dean, Jefferson College of Nursing

HONORING TRADITION, IGNITING INNOVATION

The Year That Changed Us All

2020



TECHNOLOGY SAVES THE DAY

More than half of all health care providers are digital natives. Technology is driving everything – from the ways we teach our students to the care we provide for our patients, and everything in-between. It is critical that nurses are prepared to excel in technology-rich environments. At Jefferson College of Nursing, we aim to be a leader in the application of technology in these areas. Our goal is to push this digital strategy and convey a sense of power that these skills can change the world.

We are leveraging our relationship with Apple to distinguish us from our competitors. Through our JeffLEARN initiative, we intend to transform teaching and learning and enhance opportunities for faculty and student creativity, collaboration, and critical thinking. We integrate iPads and other Apple technologies, plus numerous other digital applications, into classrooms (virtual and onsite), simulation rooms, and clinical settings across Jefferson and beyond. And, through the use of artificial intelligence and other predictive analytics, we employ multi-pronged approaches to teaching and learning. By tailoring our education and incorporating diverse perspectives, we are teaching the way students want to learn and creating a dynamic academic community.

We intend to become an Apple Distinguished School, a designation that Apple describes as "...centers of innovation, leadership, and educational excellence that use Apple products to inspire creativity, collaboration, and critical thinking." Our partnership with Apple is rich and facilitating a change in the culture of our college. We have no doubt this shift will propel us toward Apple distinction.

The COVID-19 pandemic has provided an early test of our ability to employ technology in nursing education on a massive scale, and to adapt those tools to what previously might have been unimaginable circumstances. Beyond the immediate crisis, the College of Nursing will continue to partner with Apple and other stakeholders to ensure that our graduates are prepared to excel in high-technology environments.



Timeline of Jefferson College of Nursing's Progress

June 2018

Marie Ann Marino, EdD, RN, FAAN appointed Dean



NURSE2NURSE INITIATIVE ADDRESSES PANDEMIC STRESS

Amid the intense stresses of the COVID-19 pandemic and other challenges, the College of Nursing's Nurse2Nurse Peer Support Program, launched in May 2020, has provided a safe-haven for frontline Jefferson nurses to voice stress-related concerns to their colleagues and find solutions and support.

For months, nurses have struggled to provide compassionate care for critically ill patients while simultaneously dealing with their own personal stresses (including worries about exposing themselves and their families to the virus) and the risk of burnout. Civil unrest related to structural racism has amplified those burdens.

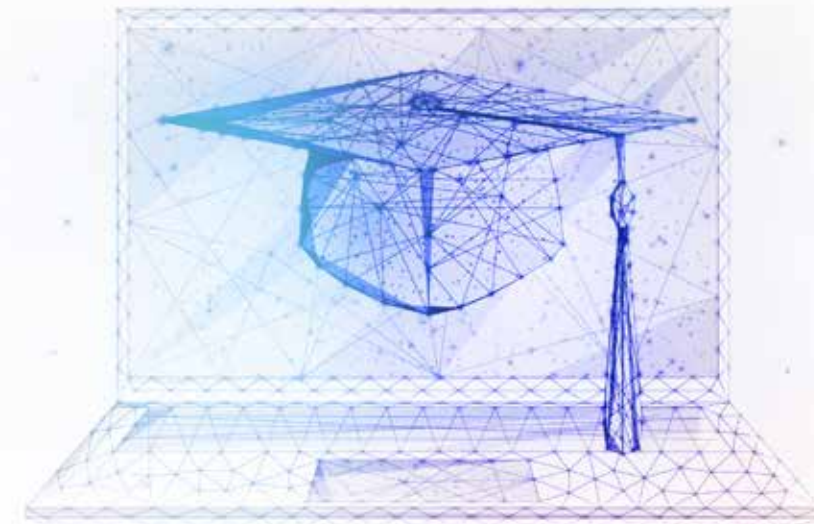
Without early intervention, nurses may experience mental and physical symptoms ranging from decreased energy levels to greater potential for accidents and poor judgment. Those challenges can lead to reduced empathy toward patients and others, and even to suboptimal patient care. Some nurses might decide it is time to leave the profession out of frustration and exhaustion.

Nurse2Nurse is a 30-minute Zoom intervention developed by College of Nursing faculty members, Drs. Angela Gerolamo, Aparna Kumar, Bobbie Posmontier, and

Kathryn Shaffer, to address the ongoing emergency. It incorporates an assessment of each nurse's challenges and concerns, active listening, education in how to maintain essential levels of compassion, and referral to resources delivered by trained nursing faculty peers. Nurses can use the 7-day-per-week program as often as needed. The nursing faculty leaders of Nurse2Nurse will add a research component to the intervention after the pilot phase, in order to better conceptualize and describe the lived experience of nurses caring for COVID-19 patients and barriers to uptake of supportive services at the Jefferson enterprise.

Again, adverse impacts on patient care are possible when nurses and other care providers are under stress, and their mental and emotional reserves are low – so it is vital that nurses improve their self-care and avoid compassion fatigue.

More information about the Nurses2Nurses initiative can be found at <https://nexus.jefferson.edu/health/a-safe-space-for-nurses-to-share-their-coronavirus-fears/>.



GRADUATION STILL MEMORABLE DESPITE DISRUPTIONS

At the start of their final year, expected graduates looked forward to attending their commencement ceremony in May at the Pennsylvania Convention Center, as previous classes had done. Things quickly changed, and a traditional commencement ceremony was out of the question. Without hesitation, we adjusted rapidly to make sure our graduates' success was still acknowledged and celebrated.

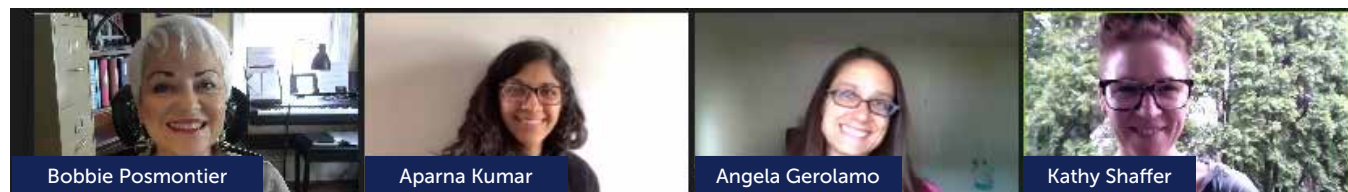
To recognize the 2020 graduates, we created a webpage dedicated to the class of 2020. "Jefferson College of Nursing Celebrates Class of 2020" includes graduates' names, a letter from Dean Marie Marino, and congratulatory messages from friends, family, and College of Nursing's faculty and staff. The page gives our graduates a sense of support even at a distance. A small gift and commemorative card were delivered to graduates' homes in special acknowledgment of their hard work and accomplishments.

Other students were recognized for their achievements with over a dozen awards distributed among selected graduates. The Dean's Award, recognizing students deemed to exhibit outstanding citizenship and who exemplify Jefferson's values of *Put People First; Be Bold and Think Differently; and Do the Right Thing*, was given to one undergraduate student and one graduate student who rose above.

To conclude their nontraditional graduation celebration, all graduates were invited to attend a **virtual ceremony** on July 12, 2020. Thomas Jefferson University President and Jefferson Health CEO Dr. Stephen Klasko delivered the virtual convocation and remarks. Dr. Mark L. Tykocinski, Thomas Jefferson University's Provost and Executive Vice President for Academic Affairs, along with Dean Marie Marino, offered congratulatory and well wishes to the graduates.

Now, more than ever before, employers and systems that serve individuals, patients, families and populations are awaiting your arrival with even greater anticipation... You will take the bold steps to lead in uncertain times and advocate as a nurse when complex problems need solutions. You have been prepared with the real-world skills required to meet these challenges head on. ♡

– Dean Marie Ann Marino



September 2018

A Pre-nursing pathway for students at East Falls campus was established

October 2018

Visiting Scholar Program is reimaged





Nursing student Caitlin Tyrell ('21) provided this first-person account of what she experienced on the front lines of the COVID-19 pandemic.

COVID-19 NURSING VOICES

"I'm currently enrolled in Jefferson's nurse anesthesia DNP program, and my sister, Alison, works at a major New York City medical center as an RN in the cardiothoracic ICU. She has been strong and brave throughout the COVID-19 pandemic, and we've always shared a close bond. Alison inspired me to use my skills and background and head to New York to help. Her hospital accepted me into a six-week travel nursing assignment for an ICU position.

"My first week on the job was the most intense in terms of patient-to-nurse ratio and the acuity of these patients. They assigned me to the 'OR ICU,' a new ICU created exclusively for COVID-19 patients since all the traditional ICUs had soared to 200 percent of capacity. I had three patients to myself in one OR suite, each with an anesthesia machine as their ventilator. Fortunately, I'm familiar with

this equipment from Jefferson's program and clinical practice. I had over 30 drips to manage, and each patient was on CRRT, which is continuous dialysis.

"It was unlike any nursing work I've ever done – but this humbling, yet rewarding, experience has made me a better provider. I took care of some of the sickest COVID-19 patients, all while keeping their families updated on their status through FaceTime.

"During this pandemic, I overcame my fears and anxieties about working in another city with unfamiliar people. I'm proud of myself and know that I will look back at this time and say I did what I could when I could. I believe I made a difference."



NEW NORMAL: FACULTY ON THE FRONTLINE

Across the world, COVID-19 has changed our everyday lives. An era of the "new normal" has begun, especially for front-line healthcare workers. College of Nursing Assistant Professor Sharon Rainer, PhD, director of the Family-Individual Across the Lifespan NP program (FIAL), knows well how COVID-19 has changed the provision of patient care.

Dr. Rainer began her healthcare career as a nurse 26 years ago. For 15 years, she has worked as a family and emergency nurse practitioner. In 2005, she began working in the Thomas Jefferson University Hospital emergency department, where she now sees patients as needed during the pandemic. She was asked how working under these circumstances has changed the ways of the emergency department, -- how the focus has shifted towards the approach of care and how to handle each case.

"My role as a primary care nurse practitioner has changed significantly in how I provide care to my patients", Dr. Rainer said. For COVID-19 patients, "The first thing is to save someone's life by stepping back and reassessing goals of care."

She noted that treating a patient goes beyond the physical care in the room. Nurses and healthcare workers on the front lines must take severe precautionary measures when treating COVID-19 patients. Family members and friends having the ability to stay informed and by the patient's side traditionally has been a vital part of the care process. However, having family members at the bedside was suspended to prevent the virus from spreading. To preserve the inclusion of family and keep them informed, COVID-19

cases are "managed differently" with family members now being informed by phone.

Before the spread of COVID-19, Dr. Rainer frequently visited patients in their homes. Entering someone's home and seeing them in their own environment allowed for a deeper level of trust and comfort between herself, the patient, and often the patient's spouse or significant other.

"We are not able to see patients as usual and it is very difficult for the clinicians and patients alike," Dr. Rainer said.

When it came to providing care for new patients via telehealth, virtual appointments did not allow for the same connection and understanding to be built compared to the existing relationships she already had.

Dr. Rainer shared the difficulties of losing one of her home-bound patients during the pandemic. "I personally lost a long-time patient early in the pandemic. I had a telehealth visit with her and she was doing well. The last thing she said to me on our telehealth visit was that she 'hopes to live to see the end of this horrible virus.' Losing this patient so unexpectedly took a toll on me."

Moving forward and navigating patient care through this pandemic, Dr. Rainer hopes to use her experience to "help prepare future nurse practitioners." She advises current students and those preparing to enter the front lines themselves: "Be vigilant and always be prepared for anything and expect everything. Advocate for your profession."



OUR COMMITMENT TO VETERANS

Since taking the reins at Jefferson College of Nursing in 2018, Dean Marie Marino has been committed to increasing our focus on the needs of active-duty, reserve and veteran military nurses and others who have served in the armed forces. Having herself served as a U.S. Navy nurse reservist, she recognizes veterans' unique contributions to health care and community systems and is keenly aware of the silent battles many of them are facing on a daily basis.

For the Year of the Nurse and Midwife, in November 2020, Jefferson College of Nursing is planning a Visiting Scholar Series around military nursing, offering an intimate opportunity for nursing faculty, staff, and alumni to connect with two highly decorated nurse veterans: Mary Ellen Doherty, PhD, CNM, RN, a professor at Western Connecticut State University and a specialist in midwifery focused on nurses' experience in the Iraq and Afghanistan wars and Elizabeth Scannell-Desch, PhD, RN, OCNS, FAAN, a retired U.S. Air Force Colonel with 25 years of distinguished military service.

In another high-profile recognition of military nursing, Jefferson College of Nursing's 2020 Distinguished Alumni Award went to retired U.S. Air Force Colonel Margaret "Meg" (Lockhead) Carey, a Philadelphia native and 1985

Jefferson Cum Laude graduate. Colonel Carey spent 26 years of military service, earning decorations such as PACAF Chief Nurse of the Year in 2009, 20 FW Field Grade Officer, Woman of the Year in 2006, and the Air Force Outstanding Unit Award. Her final post was as Commander of the 92nd Medical Group at Fairchild Air Force Base in Spokane, WA.

We have also developed a partnership with Leashes of Valor, a non-profit organization founded in 2017 that provides service dogs to support veterans affected with post-traumatic stress disorder (PTSD), traumatic brain injury (TBI), and/or military sexual trauma (MST). The relationship with Leashes of Valor brought a new, four-legged member to our front office – Maggie, a one-year-old golden retriever now known as the college's "Chief Compassion Officer."

Leashes of Valor also is cooperating with nursing faculty members Jennifer Shiroff, PhD, and Jacquelyn O'Rourke-Fulford, MSN, RN, in their study about veterans' service dog use. They are investigating use of service dogs as a therapeutic intervention for veterans diagnosed with TBI and PTSD. The study is scheduled to conclude in December 2020.

SPORTS PHYSICALS ALLOW MORE STUDENTS TO TAKE THE FIELD

Many of Jefferson College of Nursing's MSN students practice in clinical settings where they bring critical healthcare services to underserved individuals and/or those that are socially and economically disadvantaged.

“We had 26 kids run yesterday – the biggest team we've ever had, and the kids are loving it!”

A great example of how the College of Nursing is changing lives is at our community partner public school, Julia de Burgos Elementary. The school has more than 800 K-8 students, with 23% being English Language Learners – and 100% of students come from families below the federal poverty level. Healthcare access is a significant challenge.

Traditionally, limited resources and equipment have restricted athletic opportunities for the students. So did a lack of access to sports physicals. That was until 2019, when Pediatric and Family Nurse Practitioner students at Jefferson worked with the Jefferson Health Organization to provide sports physicals on-site at Julia de Burgos for 38 children – two of whom required significant medical follow-up. Faculty and parents expressed resounding thanks for our students' help.

“We had 26 kids run yesterday – the biggest team we've ever had, and the kids are loving it!” wrote Anne Marie Draham, a teacher and coordinator of the running club. “So, from the bottom of our hearts, we thank you.”

Discovery and Innovation

Jefferson College of Nursing has ignited a trailblazing culture of discovery and innovation to reimagine the way nurses lead and impact society. Nurses are drawn to their profession because of a desire to care, to serve, and to help others. Now more than ever, our faculty and staff are focused on pioneering health services research and innovation to drive next-generation solutions that solve and prevent healthcare challenges in the community.

This newly energized culture began with the Stratton Foundation's \$250,000 gift to the college in 2019. The Stratton gift set forth a new journey for the College of

Nursing by laying the groundwork for exciting research and scholarly activity and establishing the infrastructure to support it. Our faculty are eager to engage in research activity that will enable them, our students, and our alumni to address healthcare issues effectively and to provide patients with positive outcomes that seem unimaginable today. Because of the support that the Stratton Foundation provided, we can expect to see tremendous growth in our research capacity and productivity, including new collaborative partnerships across the Jefferson enterprise and innovation initiatives through the application of technology and outside industry alliances.

THE LAUNCH OF THE OFFICE OF RESEARCH AND INNOVATION

Established in 2019, the Office of Research and Innovation (ORI) is focused on empowering and advancing Jefferson College of Nursing faculty and staff by:

- Cultivating nurse scientists who conduct meaningful research that advances the science and practice of nursing and addresses society's most intractable challenges;
- Building a dynamic, supportive, risk-tolerant scholarly community that fosters excellence, innovation, and entrepreneurship;
- Supporting the discovery and dissemination of new knowledge;
- Promoting the determination and implementation of best practices; and
- Advancing the reputation of the College of Nursing as a research and innovation destination.

We selected a powerful team, who combined the best academic research and corporate innovation, to lead ORI. Joanne Robinson, PhD, RN, CNE, FAAN, was named Associate Dean for Research and Innovation. A nationally recognized expert in gerontological and continence research, Dr. Robinson previously served as professor and founding dean of the Rutgers University School of Nursing. She has served as principal investigator for grant-funded research, written scores of peer-reviewed journal articles, given invited presentations at national and international conferences, and received awards for her research and teaching. Gabrielle Santulli, MBA, a dynamic innovator who led world-class marketing strategies for Fortune 500 and start-up companies and received multiple industry awards, was appointed to direct the Office of Research & Innovation. The creative union of Joanne and Gabrielle's experience and know-how has resulted in an engaging culture that promotes thinking differently to achieve distinctive outcomes.

To get a pulse on the organization's scholarly efforts, the Office conducted an electronic survey and individual interviews of faculty which included an assessment of scholarly interests and activities and examined perceived barriers to engagement or productivity in research. After analyzing the results, ORI began promoting a series of collaborative workshops and events to inspire faculty growth in scholarly activities:

- Weekly Research Coaching sessions for internal skill-building where researchers learn from experienced visiting researchers, discuss their own work, and share information and strategies for securing funding and publishing their findings; one session per month is dedicated to promote scholarly writing with the Faculty Scholars Group
- Visiting Scholar series to include: Nurses in War: Learnings from Vietnam to Afghanistan and Back (Drs. Beth Scannell-Desch and Mary Ellen Doherty), Military Veterans: PTSD/TBI (Dr. Helene Moriarty), and Leadership Through Innovation (TBD)
- External training opportunities at national conferences and workshops to provide faculty with guidance and specific tools to advance their research and scholarly publication. Examples include Qualitative Research Institute, Thomas Jefferson University Grant Success Program, monthly Jefferson Clinical Research Institute (JCRI) Forum and Health Services Research/Clinical Research (HSR/CR) meetings; individual training/support opportunities are also funded as appropriate – e.g., statistical support, consultation, research assistants, special training related to methods, funding opportunities, etc.

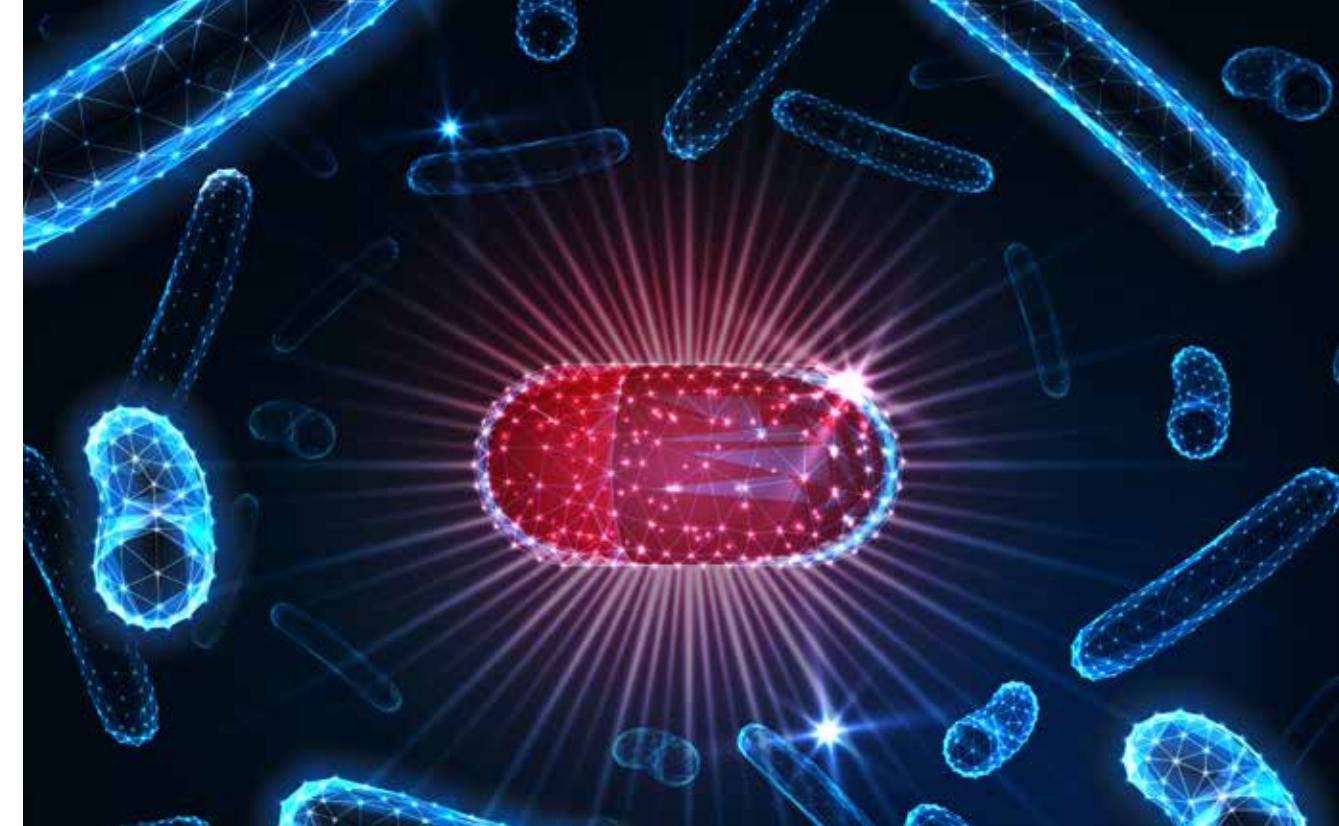


THE EXPANSIVE REACH OF STRATTON GRANTS

ORI received 26 proposals from Jefferson College of Nursing faculty in response to the \$150,000 first round of funding from the Stratton Foundation. This astounding first-time response exemplifies our faculty's passion for health services research and commitment to improving lives across many diverse populations. ORI awarded grants to 14 projects based on expert reviewer's feedback for project's relevance to health services research: the multidisciplinary field of scientific investigation that studies how social factors, financing systems, organizational structures and processes, health technology, and personal behaviors affect access to health care, quality and cost of health care, and ultimately our health and well-being. The Stratton Foundation gift funded these impactful pilot projects:

1. **eMOM: A Personalized Patient-Engagement Tool for Pregnant Women with Opioid Use Disorder**
2. **Nurses Advancing the Safe and Responsible Use of Antibiotics in Surgical Intensive Care and Oncology Units**
3. **Use of Service Dogs in Veterans with PTSD/TBI**
4. **Impact of a Palliative Care Interprofessional Student Learning Collaborative**
5. **Latina Girls Empowerment**
6. **Using Standardized Patients in Primary Care Settings for Autism Spectrum Disorder**
7. **Clinical Decision-Making at the Bedside**
8. **Examining the Prevalence of Perinatal Mental Illness to Improve Screening and Treatment**
9. **Student Success Initiative Through Artificial Intelligence**
10. **Use of a Hands-Free Maternal Support System to Prevent Infant Falls**
11. **Baccalaureate Nursing Students' Knowledge of Antibiotic-Resistant Infections and Antibiotic Stewardship**
12. **Effectiveness of Post-Acute Home Health Care Services in Older Adults with Diabetes**
13. **Feasibility Study Testing Jefferson-New Jersey Hospitals and Nurses' Readiness for Implementing Reducing All Falls Together**
14. **Promoting Long-Term Consistency with Performing Head-to-Toe Assessments among RNs in a Nurse Residency Program**

For 2020-2021, funding priorities were expanded to include: mitigating the impact of COVID-19, eliminating health disparities, engaging with global partners, and creating innovative approaches to health services delivery. A portion of available funds will be reserved for at least one project in each area.



TACKLING ANTIBIOTIC RESISTANCE

Thanks to a portion of the Stratton Foundation's generous gift to Jefferson College of Nursing, researchers at the Center for Infection Prevention and Antibiotic Stewardship (CIPAS) are exploring ways to address the growing problem of antibiotic-resistant infections, which every year in the U.S. strike at least 2.8 million people, killing more than 35,000.

Widespread, inadvertent use of antibiotics in the COVID-19 pandemic could lead to a significant increase in drug-resistant infections. The global nursing community must learn the lessons of COVID-19 and act now to fight drug-resistant infections.

CIPAS, formally launched in February 2020, is at the center of that effort across the Jefferson Enterprise, particularly at Jefferson Health. Dr. Mary Lou Manning, Professor of

Nursing and CIPAS Director, is an internationally recognized scholar and educator in this area and has engaged several thought leaders and internal and external stakeholders in the center's formation. Dr. Monika Pogorzelska-Maziarz, Associate Professor of Nursing and CIPAS Assistant Director, is an epidemiologist and experienced researcher focused on prevention of healthcare-associated infections and antimicrobial resistance across the continuum of care.

Their team is devoted to numerous relevant projects, including development of an Antibiotic Stewardship Nursing Practice Conceptual Framework (SCAN-P) and an Antibiotic Stewardship Online Continuing Education (CE) Certificate Program. They also are conducting a survey of College of Nursing students' risk perceptions and intention to receive a COVID-19 vaccine when it becomes available.

March 2019

College of Nursing received a \$500,000 gift from the Stratton Foundation to launch a program in health services research

College of Nursing embarked on a journey to become an Apple Distinguished School by launching the JeffLEARN (Lead-Engage-Advance Registered Nurse) initiative



INNOVATING A STUDENT SUCCESS SYSTEM WITH ARTIFICIAL INTELLIGENCE



Under the leadership of Associate Dean of Academic Affairs, Mary Hanson-Zalot, EdD, MSN, RN, AOCN, CNE, Jefferson College of Nursing launched a three-phase effort to employ artificial intelligence to establish an early alert system to identify at risk-students, overcome any trace of social determinism impacting academic performance and enable efficient provision of academic support. This project will enable us to understand better, the composite of the successful Jefferson student and allow timely and targeted interventions to be offered that help them complete their education and eventually pass the National Council Licensure Examination.

Jefferson College of Nursing's partner in the Student Success Initiative Program (SSIP) is Ai Collaborator Inc. – an open innovation platform enabling businesses to accelerate the adoption of AI through startup collaborations that enhance customer experiences and improve business outcomes.

The first step, now underway, is a pilot project to define relevant metrics and identify the impact of a pandemic on students' perceptions of academic success challenges via a qualitative component. The transition to remote learning for the undergraduate population due to the impact of COVID-19 may influence the outcomes of the initial pilot work. Therefore, this study needed expansion to include a qualitative component to explore better the impact of this change on perceptions of academic success among students. An additional set of questions is planned concerning the lived experience of transitioning to distance learning due to the impact of a pandemic.

The pilot project is expected to generate a model of the successful student at Jefferson and assure their smooth transition to a productive nursing career. Subsequent phases will help determine, before admission, which metrics best determine a student's likelihood of graduating and completing the NCLEX-RN on the first attempt, as well as which interventions provide a student with the most critical support during their coursework. The project results may also be of use to other Colleges in the University for future studies.

As we come to better understand the composite of the successful student, we will be better prepared to attract and recruit diverse students, identify students at risk earlier, bolster our efforts to move all students toward graduation, and propel our graduates into the marketplace, exactly where they will be needed.

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FACULTY SPOTLIGHT

Dr. Anne Mitchell Chosen as Fellow of the Gerontological Society of America (GSA)



Recognizing her unwavering leadership and dedication to aging research, as well as her educational efforts and advocacy on aging policy initiatives, Jefferson College of Nursing Assistant Professor Anne Mitchell PhD, CRNP, this year was chosen as a Fellow of the Gerontological Society of America (GSA).

GSA is a 5,500-member, multidisciplinary organization devoted to research and education in all aspects of gerontology – medical, biological, psychological, and social. It advances the study of aging and disseminates information among scientists, decision-makers, and the general public.

Fellow status in GSA represents the highest class of membership within the society and is an acknowledgment of outstanding and continuing work in gerontology. College of Nursing Professor Deanna Gray-Miceli, PhD, GNP-BC, FGSA, FNAP, FAANP, FAAN, served as Dr. Mitchell's sponsor.

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NURSES HACK FOR GOOD

As the COVID-19 pandemic gripped the nation this spring, nurses' critical role in identifying specific challenges and developing solutions was demonstrated via an innovative, virtual, global forum. A College of Nursing nurse leader was at the forefront, participating in development of an app to help nurses receive emotional support.

The *Nurse Hack for Health: COVID-19 Virtual Hackathon* brought together nurses, other frontline health workers, software developers, engineers, and other IT professionals on 30 teams to address COVID-19's challenges via technology. Organized by Microsoft, Johnson & Johnson, the Society of Nurse Scientists Innovators Entrepreneurs and Leaders (SONSIEL), and DevUPannounce, the exercise leveraged participants' experience, resourcefulness, and innovative thinking.

Dr. Kathryn Shaffer, a JCN Associate Professor, Certified Compassion Fatigue Professional, and only academician in her group, joined one of six teams in the Resiliency and Self-Care category, developing an app through which nurses receive emotional support for the anxiety, PTSD, burn out, and moral distress brought on by the pandemic, sometimes leading to compassion fatigue.

Looking back on the collaborative effort among people with such a wide range of skills and experiences, Dr. Shaffer noted: "I teach nursing students to believe they are innovators. I mentor and coach them in the Innovation class to see the impact they can have on health care and delivery of care. Fresh minds and eyes are always powerful tools for change."

"The Philadelphia region faces many health issues, and it is important for nurses and other health care professionals to help find solutions. I never realized before this project how much impact people like us can make to help our patients outside of the hospital."

"I teach nursing students to believe they are innovators. Fresh minds and eyes are always powerful tools for change."



April 2019

The Office of Research and Innovation was established
College of Nursing became affiliated with the Jefferson Center for Injury Research and Prevention (JCIRP)





Section III

PROFESSIONS LINK ARMS TO SHARPEN TEACHING SKILLS

Student Educators Analyze Jefferson College of Nursing's Approach to Teaching

It goes without saying that nursing faculty members are clinical experts in the field of nursing. But they are also educators, who must assure that students absorb complex and critical knowledge of medical issues while also cultivating the life-long analytical skills needed to improve outcomes for their patients.

During the Spring 2020 term, several senior nursing faculty members were invited by Columbia University Teachers College to explore with graduate students in Columbia's Adult Learning and Leadership Program the best methods for driving student nurses to higher levels of curiosity in a clinical mindset.

Participating from Jefferson were Mary Hanson-Zalot, Associate Dean of Academic Affairs; Ksenia Zukowsky, Chair of Graduate Programs; Julia Ward, Chair of Undergraduate Programs, Dixon Campus; and Ruth Wittmann-Price, Chair of Undergraduate Programs, Center City Campus.

They were specifically asked:

What are the best practices that Jefferson College of Nursing faculty can use to support the understanding and development of the value of curiosity in a clinical mindset

- for didactic educators?
- for clinical practice educators?
- for students across various levels?

The College of Nursing contingent told Columbia's students that they see strong links between a student's basic curiosity and the ability to engage in clinical judgment and decision making as a nurse. Essentially, the more curious the learner (and ultimately the nurse), the better the ultimate health outcomes for patients.

The Columbia students' executive summary of their findings was delivered to Dean Marie Marino and her academic team via Zoom in April.

We look forward to engaging with the Teachers College faculty again in the future.

Impact through Community Engagement

September 2019
NextGen BSN Curriculum was implemented



COMMUNITY-DRIVEN RESEARCH DAY

HIGHLIGHTS COLLEGE OF NURSING'S CONTRIBUTIONS

The 10th Annual Community-Driven Research Day (CDRD) took place on December 9, 2019. Jefferson College of Nursing has been a partner in this initiative since 2015 when it and Jefferson College of Population Health joined four other Philadelphia-based academic institutions that sponsor the program: Temple University, the Children's Hospital of Philadelphia, the University of Pennsylvania, and Drexel University.

CDRD is an annual event in which 25 community groups, on average, present posters to share their organization's research interests and specific questions. The goal is to encourage formation of community-based participatory research (CBPR) partnerships. Co-founded by Nicole Thomas, College of Nursing's Director of Strategic Initiatives and Regulatory Affairs, CDRD brings together over 125 faculty, students, and community members each year. Partnerships that include one of the community-based organizations, and an academician from one of the sponsoring institutions as co-principal Investigator, compete for a \$10,000 grant to pilot their study.

Each sponsoring academic institution commits to make one award each year. Jefferson College of Nursing received several competitive applications during the latest funding cycle and funded three pilot studies. The partnerships and titles of these studies are:

- Breastfeeding Empowerment and Awareness Café (BAE) and Dr. Aparna Kumar - "Measuring the Impact of the BAE Cafe: Building Community, Improving Connections, and Supporting Perinatal Mental Health"
- No More Secrets Mind, Body, Soul, Inc. and Dr. Shawana Moore - "Making Visible the Invisible: Uncovering the Impact of Period Poverty with the use of Photovoice"
- Center in the Park and Dr. Sharon Rainer - "Understanding How Participation in a Nurse Facilitated Opioid Education Program Increases African American Older Adults' Knowledge of Pain Medication Safety"

In addition to CDRD, community groups are invited to attend Research Readiness Day, where they participate in a series of interactive trainings on community-based participatory research, understanding the Institutional Review Board, developing a research question, building successful community-academic partnerships and applying for the CDRD pilot funding.

We remain committed to supporting the invaluable work of our faculty and community partners as they utilize novel approaches to study and address community health issues.



BROAD STREET MINISTRY WORK CONNECTS STUDENTS WITH THOSE ON SOCIETY'S MARGIN

For the past five years, in cooperation with Philadelphia's Broad Street Ministry (BSM), College of Nursing student volunteers have gained valuable experience and insights as they help provide care for people on the margins of health care and society. Two faculty members, Drs. Kathryn Shaffer and Angela Gerolamo, initiated the College of Nursing/BSM partnership in 2015. Over the past few years, Dr. Anne Mitchell has led the project with Dr. John Muccitelli serving as the clinical instructor overseeing student education at the site.

Founded in 2005 as an alternative church community, BSM focuses on practicing "radical hospitality" with a trauma-informed, holistic approach. The College of Nursing/BSM team works with individuals experiencing homelessness, victims of domestic violence or sexual assault, and those with mental health issues. Each year, an average of 30 students participate, with approximately 250 client encounters and over 750 encounters overall.

There are so many examples of how our students are making a difference through BSM's work. One involves a 59-year-old homeless shelter resident who complained of knee pain. It was not long before students discovered he also had numerous other problems, including respiratory issues. He was referred to a physician's assistant at BSM, who found the man suffering from bilateral pneumonia. Caught in the early stage, he was subsequently treated with antibiotics as an outpatient and avoided hospitalization.

Students are effusive in their praise for how supporting BSM raises their awareness and hones their skills.

"My time there taught me to reconcile my discomfort in being so overwhelmed by my preconceptions of the challenges (BSM clients) face, with the reality that the most meaningful action I could take in providing effective nursing care was to first listen," said Rachael DeChurch, a participant from the Class of 2019. "It taught me that successful health promotion and maintenance starts with a willingness to meet people exactly where they are, not where we think they should be."

Samantha Gale, who volunteered for the program before graduating in 2018, said, "BSM helped hone my assessment skills before even setting foot on my work unit. It improved my confidence and techniques as a nurse now."

BSM's leaders hail our nursing students' role in their work. "Jefferson College of Nursing is the true definition of a 'partner' – always working to seek big picture change," said Brenna McGinnis, Director of BSM's Hospitality Collaborative and Evaluations. "Jefferson College of Nursing has never faltered in their dedication to the Ministry and remained engaged. We are so thankful for their mentorship, collaboration, and friendship."



MOORE MAKING SURE JEFFERSON LEAVES IMPACT ON ITS COMMUNITIES

Over the past year, Jefferson College of Nursing has continued to stand out as an active and robust contributor to the life and well-being of the Philadelphia community, even beyond our campus.

Shawana S. Moore, DNP, CRNP, WHNP-BC, Director of Jefferson's Women's Health-Gender Related Nurse Practitioner Program, has found one significant opportunity helping girls in underserved communities set high goals for their future and find the self-confidence to achieve them.

Dr. Moore created a girls' empowerment program at a middle school in Somerdale, New Jersey during the 2019-2020 school year. The initiative linked our graduate students to educate mentees about their health and well-being. The six-week Somerdale program focused on six core values: creativity, confidence/self-esteem, leadership, health, mentoring and education.

In a piece entitled "Coming Full Circle", featured in a recent issue of Jefferson's Innovator magazine, Dr. Moore speaks about how the program impacts society, "By being able to give your gifts to others. By doing good for other people. For me, it's making sure Jefferson College of Nursing leaves an impact on all the communities we serve. That's really all I hope for."

"For me, it's making sure Jefferson College of Nursing leaves an impact on all the communities we serve. That's really all I hope for."

JEFFERSON COLLEGE OF NURSING, SISTERS R US CIRCLE OF SURVIVORS STRIVES TO ASSURE RACIAL INCLUSIVENESS IN CLINICAL TRIALS

Under-representation of African Americans in clinical trials of new medicines and technologies is widely recognized as a contributor to racial health disparities. With African Americans disproportionately affected by cancer and numerous other serious and chronic illnesses, it is important that clinical trials include them in numbers adequate to tell us the real "why" of the story, and the "how" behind a medical innovation's impact on a condition, for better or worse. Only then can we assure better outcomes and quality of care for minority patients.

Jefferson College of Nursing has partnered with Sisters R Us Circle of Survivors (SRUCOS) – a nonprofit established by Yvonne McLean Florence in 2014 to support women diagnosed, being treated for, or living beyond breast cancer – to explore the low participation of African American patients in clinical trials and find ways to boost those levels.

The SRUCOS-College of Nursing team has developed a qualitative exploratory study using community-based participatory research. Researchers have looked at perceptions of clinical trials among African American cancer patients and their caregivers, and are using those insights to develop a culturally sensitive teaching tool promoting African American community advocacy and engagement in the trials.

Barriers that inhibit African Americans from participating in clinical trials include limited education, low income, religious beliefs, lack of knowledge about clinical trials, mistrust in the healthcare system and limited access and inclusion to clinical trials. It is relevant to understand that although clinical trial information is factual, when offered to African Americans it must embrace the social and cultural context that only exists within the African American community in order to overcome barriers to participation. Developing a culturally sensitive teaching tool is critical.

This study is guided by Freire's empowerment education model, providing for active participation of the community in its own education process through dialogue directed to promote control and empowerment to change their lives. Focus groups were used to collect data; some themes identified in the data analysis so far include barriers and benefits to participation in clinical trials, mistrust, racism, self-advocacy and research, among others. Despite the disparities that exist in this population, numerous protective factors exist, including close-knit, supportive family and friend networks.

The project remains underway. Early findings include:

- Overall lack of knowledge among the participants about clinical trials, but also an eagerness to learn.
- Frequent citation of racism as a factor in unwillingness to participate in trials. Some cited historical precedents such as the 20th century Tuskegee study, where syphilis among African American men was left untreated, without their knowledge, as doctors studied the disease's devastating, long-term effects.
- Suggestions for teaching tools to educate the African American community about clinical trials, including use of social media.

Researchers are working to develop a second study that uses communication design and social media to develop culturally competent teaching tools about clinical trials.

Jefferson College of Nursing Helps Homeless Put Best Foot Forward

For Philadelphia's homeless population, serious health problems that can grow from poor foot care are one of life's basic challenges. To address that community need, Jefferson College of Nursing plays a leading role in Best Foot Forward Philly (BFFP), a free, bi-weekly podiatric clinic offered at the Sunday Breakfast Rescue Mission at 13th and Callowhill. BFFP has served more than 2,200 clients since its founding in 2012, promoting justice in health care for all.

As an affiliated service-learning site, BFFP promotes dignity and access to health care for a marginalized population in our city. Several College of Nursing alumni serve in leadership roles at BFFP, and two alumni are board members – Dan DeGuisto BSN '18 and Adrienne Doddy BSN '19. Kara Cohen, nurse practitioner at Project HOME and BFFP founder, says, "I give a shout out to these amazing students from Jefferson for putting on such a compassionate, energetic, and efficient clinic that our guests really appreciate."



Last year, Leashes of Valor cofounders Jason Haag and Danique Masingill presented at Jefferson with Maggie.

PAWS FOR A CAUSE

In November 2019, in honor of Veterans Day, Jefferson College of Nursing welcomed Leashes of Valor for a panel discussion about the important work of Leashes of Valor (LOV). Accompanying LOV co-founders, Captain Jason Haag and Danique Masingill, was a service dog named Maggie. Leashes of Valor's mission is "to provide every post 9/11 veteran who needs one with a highly-trained service dog to assist them in mitigating the symptoms of Post-Traumatic Stress Disorder (PTSD) or a Traumatic Brain Injury (TBI)." Maggie's visit and the mounting challenges that 2020 has presented, heightened Dean Marino's desire to serve. A former Navy Nurse Corps Reservist, Dean Marino knew right away that Maggie would be a great addition to the Jefferson College of Nursing team and the Jefferson Enterprise.

In Spring 2020, Maggie began serving as Jefferson College of Nursing's Chief Compassion Officer. Maggie accompanies Dean Marino, her primary "handler", to both the Center City and new Dixon campuses. She also participates in the Heroes Program, helping students manage academic stress and providing emotional support for Jefferson Health front-line employees and patients.

We are thrilled to have Maggie as part of our team! Maggie will serve as the Chief Compassion Officer but more importantly, a friend.



October 2019

College of Nursing's Entry-Level Nurse Anesthesia DNP Program was reaccredited for 10 years, the maximum length granted by the Council on Accreditation of Nurse Anesthesia Programs (COA)

Jefferson College of Nursing's Campaign Advisory Council established to advise and assist Dean Marino and the Office of Institutional Advancement (OIA) in efforts to optimize philanthropy for the college

SECURE THE BAG: MEETING THE MENSTRUAL HYGIENE NEEDS OF WOMEN AND GIRLS THROUGH HEALTH EDUCATION AND PROMOTION



Jefferson College of Nursing supports the mission of Worth Womb Work Incorporated (W³) through faculty and staff participation in the annual PURSE (Providing Underserved Resources and Safe Environments) Drive and partnership events. We engage in multi-faceted efforts to improve the lives and health of individuals and became part of the local and national work of this organization when staff member Ashli Stephens, who founded W³ in 2017 at Howard University, joined our team in 2019.

The mission of W³ is to educate, empower and uplift women and girls through health and service initiatives. The organization is supported by two board members: Angila Stephens, BA, and Shawana Moore DNP, MSN, CRNP, WHNP-BC along with a host of community partners.



The PURSE Drive is an annual community service project developed by W³ to address "period poverty" as a public health concern rooted in larger socioeconomic issues. Dr. Moore and the Women's Health Gender Related Nurse Practitioner students helped W³ introduce the project to the College by collecting, packing, and preparing purses to donate to Project HOME in Philadelphia.

Jefferson College of Nursing supported the fourth annual PURSE Drive in 2020, addressing the menstrual hygiene needs of women and girls in Philadelphia during the COVID-19 pandemic. W³ partnered with No More Secrets: Mind Body Spirit Incorporated Founder/CEO Lynette Medley, MEd, and Nya McGlone, MS, Executive Director, to support home deliveries of menstrual hygiene products to those experiencing economic hardships.



In addition, our Step Up program and Sigma Theta Tau, Delta Rho Chapter have partnered with W³ to host community service opportunities. In July 2019, W³ collaborated with Dr. Valerie Clary-Muronda, Step Up program leadership, and high school participants to prepare donations for Osborn Family Health Center in Camden, NJ. In honor of Martin Luther King, Jr. Day in January 2020, W³ organized a partnership event with Dr. Jeannette Kates and Sigma Theta Tau, Delta Rho Chapter on the Center City and Abington Dixon campuses to prepare donations for Julia De Burgos Elementary School and Broad Street Ministries in Philadelphia.

W³ will continue this work by committing to addressing the health of women and girls through research, community service, and community engagement work.



FACULTY MEMBERS ASSIST PROJECT HOPE WITH NURSE EDUCATION

Jefferson College of Nursing faculty members Ksenia Zukowsky, PhD, APRN, NNP-BC, and Michele Savin, DNP, APRN, NNP-BC, are lending their expertise in neonatal nursing to Project HOPE, an initiative focusing on developing nurse education programs. Since 1958, Project HOPE has served the healthcare industry providing nursing educational development assistance throughout vulnerable communities. Located in Washington, D.C., Project HOPE is a global health and humanitarian organization comprising of team members, partners, and volunteers from around the world.

Recently, Project HOPE partnered with the College of Medicine and Allied Health Sciences at the University of Sierra Leone and the Kamuzu College of Nursing at the University of Malawi to assist in further developing their nursing academic programs. College of Nursing Drs. Zukowsky and Savin will assist the initiative by conducting one-on-one mentoring sessions for the University of Sierra Leone faculty members to help strengthen their baccalaureate and master's programs, particularly in the area of neonatology.

Working as curriculum development experts, Drs. Savin and Zukowsky have made recommendations to strengthen undergraduate coursework to create subject matter experts in Neonatal and Pediatric Nursing. This prepares students to quickly intervene in the delivery and NICU settings to improve outcomes. Students can then move on to graduate level coursework if they would like to lead in care delivery and research. "In this the year of the Nurse and Midwife we are thrilled to be working with these international experts to help lower maternal and infant mortality in Africa." Dr. Michele Savin.

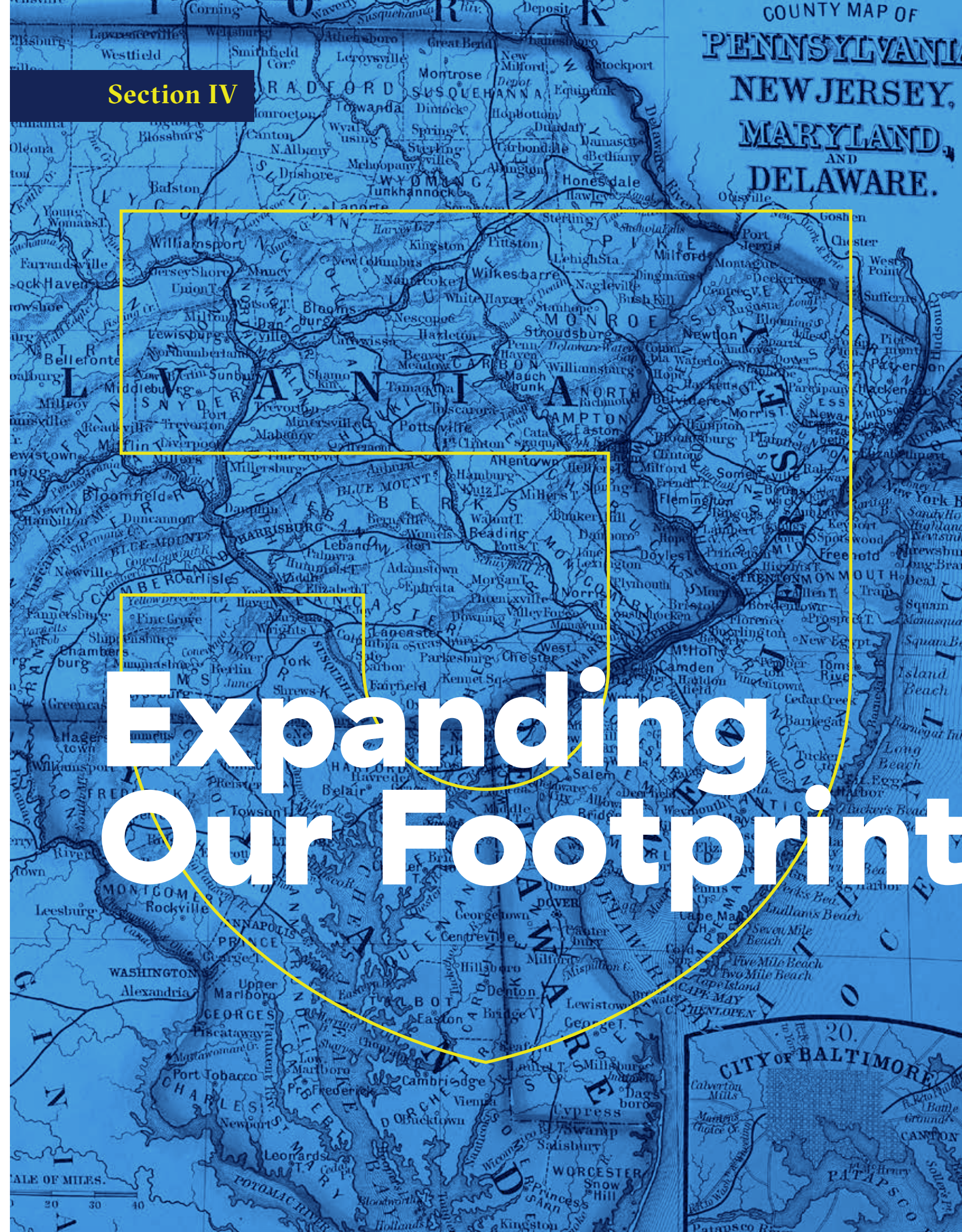
December 2019

Stratton Foundation Pilot Grants Awarded (\$150,000 across 14 projects)

Affiliation with Jefferson Center for Autism and Neurodiversity was formed



Section IV



Expanding Our Footprint



IMPACT REPORT WRITE-UP: DIXON CAMPUS

We are delighted to announce that in the fall of 2020, we held a (virtual) groundbreaking ceremony for the new Dixon Campus. Made possible thanks to the generosity of many friends and benefactors, this state-of-the-art facility will be the newest home for the next generation of Jefferson nurses.

Nearly one-third of the 44,000 square feet of space is dedicated to an advanced simulation center, where undergraduate and graduate students can engage in complex clinical scenarios that parallel, anticipate and amplify real-life situations. The campus includes a 200-person tiered lecture hall and three 80-seat classrooms with the latest innovations in academic technology. A dedicated library, collaborative learning and study spaces, a student lounge, and a central concourse support faculty-student and student-student engagement at the highest level. Students also have access to a trail leading to a park, a gym conveniently located in the building next door, a cafeteria, ample parking, and public transportation.

We are especially grateful to volunteer and philanthropist Mrs. Edith "Edie" Dixon for making the foundational gift to the establish Dixon Campus. Mrs. Dixon has been a long-time friend and benefactor of Abington Hospital and a champion of healthcare in the greater Philadelphia region. She has served with distinction in multiple positions on the Abington Hospital Board of Trustees, and currently serves on the Abington Divisional Board of Trustees and the Institutional Advancement Board. In addition, she has been a member on the Abington Health Foundation (AHF) Women's Board for nearly 70 years. Together with her late husband, Fitz Eugene Dixon, Jr., she endowed Abington's nursing school and helped make the hospital's successful "Nursing Initiative" a model for hospitals nationwide. Thank you, Edie!

Thank you to the following leadership benefactors for their strong support of the Dixon Campus and the next generation of Jefferson nurses:

| | | |
|---------------------------------|--------------------|----------------|
| Edith Dixon | (Mary) Liz Gemmill | Harry Brooks |
| AHF Women's Board & Auxiliaries | Jay & Pam Bown | Kristine Geils |
| Marilyn Harris | Tom & Bonnie Bown | Anonymous |



EMPOWERING THE FUTURE OF THE NURSING PROFESSION (EAST FALLS PRE-NURSING)

Taught only to Thomas Jefferson University East Falls campus sophomore students who plan to attend Jefferson College of Nursing, our *Introduction to Nursing* class lets students explore the evolution of nursing practice and the profession's core values such as empathy, professionalism, and human dignity.

The hybrid class (meaning content is delivered through a combination of in-person and on-line sessions), developed by Drs. Susan Egger and Tara Flood, represents the first nursing class taught at the East Falls campus. It incorporates community awareness and reflective practice – the development of new insights through self-awareness and critical reflection upon experiences both in the moment and from past experiences. Simulations prepare pre-nursing students to seamlessly transition into their professional nursing education at Jefferson.

During the 2019-2020 academic year, students for whom commuting was problematic had the option to visit one of Philadelphia's eight public health districts in person or virtually. This helps students understand and apply key nursing *values* as student nurses. The picture below was taken by one of our students during the visit.

January 2020
Jefferson College of Nursing launched the first interdisciplinary Graduate Certificate Program in Advanced Headache Diagnosis and Management with Jefferson's Headache Center

Dean Marino launched Wellness Journey to support and encourage the well-being of College of Nursing faculty and staff





Global Initiatives

PARTNERSHIP WITH JAPANESE COLLEAGUES MOVES FORWARD

Growing out of a 2019 visit to Japan by senior Jefferson College of Nursing leaders, a wide range of academic, practice and research collaborations with Japanese colleagues will unfold over the next two years.

A foundation for the collaboration was laid in November 2019, when Dean Marie Marino visited Thomas Jefferson University's Japan Center for Health Professions Education and Research. Her delegation included Associate Deans Jen Bellot and Joanne Robinson, and FNP Program Director Sharon Rainer. They were hosted by Yumiko Radi of the Japan Center, established in 2012 as a joint effort of Jefferson, the Japanese Association for the Development of Community Medicine (JADECOCOM), and the Noguchi Medical Research Institute (NMRI).

A primary area of focus is coordinating the exchange of health personnel for clinical education and research between Jefferson and its Japanese partners.

Collaborations were explored with several Jefferson Japan Center affiliates, including:

- JADECOCOM, a privately owned hospital/healthcare network serving "remote" areas with a very small hospital and senior center, nursing home facilities, medical (rehab) day care, a single-bed emergency room, and several acute care units with total capacity of about 100
- Toho University and Medical Center, which features a community-living simulation center and has expressed interest in a nurse practitioner program, online education and the concept of antibiotic stewardship
- Omori Hospital, approximately the size of Thomas Jefferson University Hospital in Center City (1,000 beds), with similar services

Primary areas for potential collaboration include:

- Online nurse practitioner education and curricular comparison (NP programs in Japan require four years of full-time study vs. two years in the U.S)
- Telehealth for remote locations serviced by JADECOCOM
- Partnering on studies about infection prevention and control practices



COLLABORATION WITH INDIA'S KLE UNIVERSITY GROWS

Over the past year, Jefferson College of Nursing has laid the foundation for a strong, collaborative relationship with India's KLE University, one of that country's leading institutions for nursing education.

Following up on Dean Marie Marino's 2019 visit to KLE's Belgaum campus, Dr. Joanne Robinson, PhD, RN, CNE, FAAN, Associate Dean for Research and Innovation, spent a full week there in February 2020 exploring potential areas for shared efforts and developing implementation plans.

She and Dr. Sudha Raddi, Dean of KLE's Kaher Institute of Nursing Sciences, focused on three general areas for joint activities: 1) scholarly projects between Jefferson College of Nursing and KLE faculty; 2) a joint event to celebrate 2020 The Year of the Nurse and Midwife; and 3) faculty, student and clinician exchanges.

Significant initiatives recommended to advance include a research collaboration between the two institutions connecting KLE and faculty with similar research interests and expertise, developing a project to build an early warning system for academic risk using artificial

intelligence, and examination of healthcare delivery in U.S. and Indian prisons (including job satisfaction among correctional health nurses).

College of Nursing continues to support the work of Drs. Amy Szajna and Pat Kelly to advance research at KLE. Together they have launched several studies with KLE mental health and community health nursing faculty and a virtual series for KLE faculty on research methods.

Drs. Raddi and Robinson also explored academic collaborations, such as supporting growth and development of critical care and palliative care nurse practitioner programs at KLE and collaborative opportunities in PhD nursing education (e.g., courses, student and faculty exchanges, dissertation committee membership, pre- and post-doctoral fellowships). Additional plans include replicating a successful Jefferson College of Nursing service learning model of community-based foot clinics – a major success in Philadelphia – in selected settings local to KLE (e.g., sugarcane fields, factories).

CREATING NNPs TO HELP BABIES IN THE SUNSHINE STATE



Jefferson College of Nursing Neonatal Nurse Practitioner (NNP) program is collaborating with Nemours Children's Hospital in Florida to help allay a shortage of advanced practice providers in neonatology. Currently, Florida has no NNP programs but has one of the nation's highest premature births rates. The state also experiences a significant disparity in the rate of premature births between its black and white mothers.

By aligning with Jefferson established NNP program, known for academic excellence and quality outcomes, Nemours is helping to mitigate the dearth of neonatal providers in the state of Florida. By collaborating with Nemours's, a top-tiered, academically-focused, children's hospital and health system, College of Nursing is enhancing its academic-practice partnership portfolio and bringing state-of-the-art neonatal clinical practice to its students. Our faculty are supporting Nemours clinicians through formal and in-service education and assistance with recruitment and retention efforts.

Directed by Assistant Professor Michele Kacmarcik Savin, DNP, APRN, NNP-BC, the 36-credit didactic and clinical program, offered at the Masters and Doctoral levels, is delivered using hybrid academic technologies. Interactive modalities support student interface live with expert clinicians and peers from around the country. Clinical experience and hands-on training are conducted through preceptors from Nemours Children's Hospital and Nemours partnership delivery programs at several locations across Florida.

COACHING THE NEXT GENERATION OF CLINICAL RESEARCHERS

Jefferson College of Nursing's Drs. Joanne Robinson and Valerie Clary-Muronda now provide monthly coaching sessions to nurses at the three Jefferson Health New Jersey hospitals (Stratford, Cherry Hill, and Washington Township) on projects involving research, quality improvement and evidence-based practice. The initiative involves clinical practice questions, challenges and improvement opportunities conceived by nurses at the hospitals.

The partnership was conceived by Jefferson Health New Jersey Nursing leaders Susan Fulginetti and Kim Packer, who saw a need for "on-the-ground" expertise in research and program design and evaluation at Jefferson Health New Jersey in order to retain Magnet Hospital designation. The coaching sessions began in March 2020; they were suspended in April and May due to COVID-19 but resumed in June. Drs. Robinson and Clary-Muronda are available to nurse investigator teams for individual 45-minute sessions on the first Wednesday of every month, either "on-the-ground" or remotely (via Zoom). So far, seven nurse-lead projects are in early stages of development.

March 2020

Center for Infection Prevention and Antibiotic Stewardship was established

College of Nursing Office of Research and Innovation launched Research Coaching Sessions

April 2020

Teachers College, Columbia University partnership initiated

Section V

On the Horizon



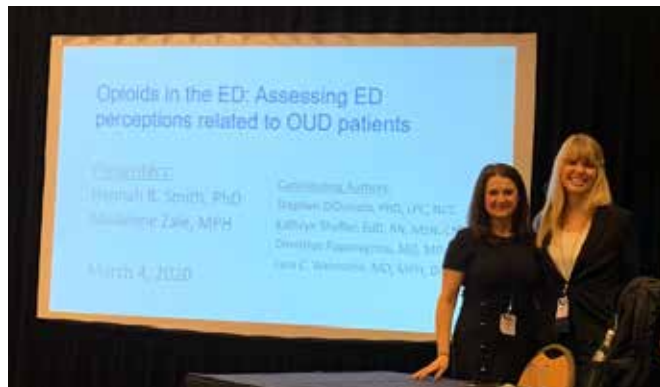


COLLEGE OF NURSING HELPING TO SPEARHEAD INNOVATIVE APPROACHES TO OPIOID-USE DISORDER TREATMENT

Addressing America’s wave of opioid-use disorder (OUD) requires mitigating inappropriate use of opioids – both through unnecessary prescription and illegal acquisition – and, importantly, that we better prepare health care professionals to bring empathy and person-to-person approaches to their treatment of those affected by opioid disorders.

Since 2018, Jefferson College of Nursing has been part of an interprofessional team within Thomas Jefferson University, working under a Department of Labor National Health Emergency Opioid Demonstration Grant, to facilitate implementation of the most effective approaches to OUD by Emergency Department personnel. College of Nursing’s team includes Hannah Smith, PhD, Kathy Shaffer, EdD, Madalene Zale, MPH, Stephen DiDonato, PhD, Lara Weinstein, MD, MPH and Dimitrios Papanagnou, MD, among others drawn from multiple colleges, departments, and divisions at Thomas Jefferson University and Jefferson Health. Students from various degree programs and colleges – including Jefferson’s DNP program, the masters and doctoral programs in the College of Population Health, and students from Sidney Kimmel Medical College, are also part of the project.

During its first two years, the team created a series of online educational modules for emergency department clinical, and non-clinical staff to address empathy, trauma-sensitive care, and compassion fatigue for OUD patients. These modules are available for clinical staff who receive continuing education credit upon completion.



Jefferson’s team was recently awarded a third year of funding which will support focus groups, originally planned as in-person sessions now moved online in response to COVID-19. Information gained from the focus groups will be used to develop and improve best practices for warm handoffs of OUD patients from Thomas Jefferson University Hospital’s Emergency Departments our community partners and facilities.

“Now more than ever, this patient population needs to be included in the conversation,” said Meghan Morley, Direction of Center of Excellence at the Narcotic Rehabilitation Addiction Program (NARP), another Jefferson team partner. “Including them in the focus groups and finding a way to adapt to an online version shows our dedication to that process.”

IMPACT REPORT WRITE-UP: SCHOLARSHIP CAMPAIGN

Nurses are an essential presence in any healthcare institution, providing excellence in clinical and compassionate care to their patients. Those who enter the nursing field do so with the desire to improve the lives of those in need.

It is the mission of the Jefferson College of Nursing to continue educating and training well-rounded and highly sought-after nurses with real-world experience and exceptional knowledge.

We are reimagining the way we educate tomorrow’s nursing leaders, delivering outstanding academic training and vital hands-on experience in a space where creativity and collaboration thrives.

The Jefferson College of Nursing is proud to educate the best and brightest of these healthcare professionals. However, that education comes with a price. At \$40,000 a year, our tuition for a BSN is on par with other nursing schools in the region; combined with preexisting debt, our students face upwards of \$75,000 in debt upon graduation.

Scholarships provide much-needed financial assistance, making it possible for our students to complete their education without incurring overwhelming debt, allowing them to focus on the academic and clinical aspects of becoming a nurse.

“This scholarship has allowed me to challenge myself and go beyond any limitations I had set. It is an opportunity to demonstrate to my two young children that hard work can result in great achievement that provides a reward beyond good grades and a job that pays well,” says scholarship recipient Christina Pinizzotto. “To go home every day

knowing that you have had an impact on someone in their most vulnerable time is an intrinsic reward that keeps me motivated to continue to excel in the nursing profession.”

To all of the past donors to JCN scholarships, thank you for your generous support. You have made a difference in the lives of countless students and have paved the way for the Jefferson nurses of tomorrow. The return on your investment will be felt for generations as the nurses we train enter the community as healers, researchers, and educators. By choosing to support our students, you are choosing to create a more dynamic, better educated, kinder world.

Recently, many have felt the financial ramifications of the COVID-19 pandemic, perhaps none more than our students. In order to provide much-needed tuition help in these times of unprecedented uncertainty, Jefferson has established the Reimagine Scholarship Initiative.

The Reimagine Scholarship Initiative is a yearlong campaign with the goal to raise additional scholarship funds to support every hardworking student with the dream of becoming a nurse. We may not know the true impact COVID-19 has had on the economy for years to come, but what we can anticipate now is the needs of our students. Scholarships provide an opportunity for our nursing students to achieve their goals, regardless of their financial circumstances.

We are committed to them so they can remain committed to you—steadfast in their mission to provide compassionate care and improve lives every day.



May 2020

Maggie, our facility dog and Chief Compassion Officer, was partnered with her trained handler, Dean Marino

Nurse2Nurse launched to provide a safe-haven for frontline Jefferson Health nurses to find support and voice stress-related concerns

IMPACT REPORT WRITE-UP: ADVISORY COUNCIL

For more than 125 years, the Jefferson College of Nursing (JCN) has been at the forefront of exemplary and transformative academics that position students and graduates to meet today's healthcare challenges across all settings. Jefferson is committed to high-level collaboration and we are developing impactful and transformative partnerships across Jefferson's enterprise that bring innovative academic, clinical, and research opportunities to our faculty and students.

The Jefferson College of Nursing Campaign Advisory Council is a highly engaged advisory group providing guidance and counsel to Marie Ann Marino, EdD, RN, FAAN, Dean and Professor of the Jefferson College of Nursing:

- Providing advice and guidance on JCN's strategic priorities, including philanthropic needs and opportunities
- Attending advisory meetings three times a year
- Serving on relevant sub-committees and taskforces
- Staying abreast of all pertinent JCN news and initiatives
- Working closely with Dean Marino to recruit new members to the advisory council

The JCN is a top priority of *Reimagine: The Campaign for Jefferson*. The Campaign Advisory Council members do not have fiduciary or decision-making responsibilities, but understand the importance of philanthropy and assists Colleen Morgan, Director of Development in Office of Institutional Advancement (OIA) to facilitate introductions to individuals and/or organizations that may want to support Dean Marino's strategic initiatives. The advisory council also plays an indispensable role in keeping the JCN on the frontline of providing its students with unparalleled and distinctive academic programming.

We would like to recognize our council members for their guidance and support over the last year and look forward to engaging on more strategies for the next fiscal year. Thank you to (in alphabetical order): Carol Ammon, Deidre Blank, Rae Fierro, Suzanne Foley, Marilyn Harris, Katherine Kinsey, Mary Ann McGinley, Pam Watson, and Richard Webster.

August 2020

Jefferson College of Nursing became a site for the UNC Medical School's Heroes' Health Initiative, an app-based intervention and research study which assesses and provides mental health support for healthcare workers

September 2020

Students welcomed to the new state-of-the-art Dixon Campus building in Horsham, PA



NEXT GEN BSN CURRICULUM

Aimed at preparing an entry-level workforce equipped with the skills, talent, energy, and know-how to engage in clinical decision making for clients across populations, **NextGen-BSN** – Jefferson College of Nursing's recently redesigned baccalaureate curriculum – will redefine baccalaureate education in nursing.

The re-engineered curriculum is strategic and transformative. Intended to stir curiosity among students, it challenges them to thoughtfully apply complex theoretical concepts to varied clinical situations. Faculty stress interactive strategies that facilitate clinical judgment, essential in today's nursing practice and a hallmark of the program. In the current pandemic environment, approaches using low-residency, case-based learning are used to enhance students' problem-solving abilities and collaborative skills.

Newly developed clinical decision-making skills are showcased in a new course entitled *Diverse Perspectives*. In this course, baccalaureate students concentrate their skills in a particular content area of interest, including Genetics and Genomics in Nursing; Global Health; Healthcare Ethics; or Informatics. These areas align well with cultivating student's interest toward future advanced degrees.

Looking Ahead to 2021...

I hope you enjoyed this summary of our accomplishments at Jefferson College of Nursing over the past year. A period clearly among the most challenging of the college's 125-year history, but one of our most rewarding as administrators, faculty, staff, and students all rose to meet many unforeseen developments. We cannot wait to jump into 2021 – a year when we will mark the 130th anniversary of the creation of our "ancestor" institution, the Jefferson Hospital Training College for Nurses. Here are a few highlights of what is ahead for us:

We will continue to redefine, reimagine, and transform academic and clinical nursing education, shaped by growing evidence-based research. We will help establish the Jefferson nurse as a leader at the table where complex issues are addressed, from challenging medical conditions to population health issues, the challenge of greater access to primary care and a wide range of community needs. We will expand our research and innovation footprints across the nursing world.

Our partnership with the Jefferson Health Enterprise will become a model for a strong academic-practice at the undergraduate and graduate levels. The dynamic healthcare climate demands change and disruption to the way nurses practice while maintaining high-quality, safe, reliable, and appropriate care. No longer restricted to the changing acute care setting alone, the possibilities are endless. Whether within Jefferson Health or with our other community partners, we will develop toolkits with consumer input so that together we can better manage patients' conditions and help them navigate life successfully.

We will embrace technology – from academics to patient engagement and everything in between. We will use artificial intelligence and other predictive analytics to help us devise divergent learning approaches while facilitating the highest-level student of student learning experiences.

Jefferson College of Nursing will seek out business and technology relationships across Philadelphia and beyond.

Our Greater Philadelphia community must be a prime beneficiary of our work. We have an ethical and professional obligation to engage people where they live, addressing health care disparities and reaching out to marginalized groups. We expect our nurses in the workforce, our students and faculty to make this commitment that indeed defines our presence.

When I think about what is needed to move us forward on this journey, I reflect on a plaque located at the U.S. Military Academy at West Point. It quotes a WWII general and reads: "I want an officer for a secret and dangerous mission; I want a West Point football player."

At Jefferson College of Nursing, our needs are similar and can be summarized in the following way: "I want a nurse that can span boundaries to develop solutions for today's complex challenges. It must be a nurse with next-generation skills and the sheer determination to get it right. I want a Jefferson Nurse."

Until next time,



Dr. Marie Ann Marino
Dean
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