

Student and Exchange Visitor Program (SEVP) U.S. Immigration and Customs Enforcement 500 12th Street SW, Stop 5600, Washington, DC 20536–5600

Attention: STEM CIP Code Nomination

Dear Policymakers at SEVP,

On behalf of the members of the Nursing is STEM Coalition, a diverse network of prominent universities, esteemed nursing leaders, professional organizations, and dedicated nursing educators, we are advocating for the inclusion of Nursing, principally those found under the CIP Codes 51.38XX as a STEM designated field on the Department of Homeland Security (DHS) STEM Designated Program List. Specifically, our analysis enclosed focuses on the merits of 51.3801 Registered Nursing/Registered Nurse, the primary CIP code for Registered Nurses, though we would recommend inclusion of related 51.38XX codes such as 51.3805 Family Practice Nursing/Nurse and 51.3808 Nursing Science.

Over the past decade, the profession of nursing has continued to drastically change. The way in which nurses provide care has evolved from hospital-based care and expanded into all facets of society. What was once thought of as a technical job has evolved into a rich profession with its own body of research, innovation, and evidence-based practice. As our world becomes increasingly complex with the emergence of new technologies in healthcare, nurses play an integral role in the design and implementation of these technologies to promote health and wellbeing. Modern nursing education programs prepare graduates with the skills to address health issues with innovation and research, work in virtual spaces, and continually reinvent themselves to problem-solve across dynamic health environments.

We respectfully urge the Department of Homeland Security to include nursing as a STEM-designated degree within the Student Exchange Visitor Program to accurately depict the complex work and contributions of nurses to the advancement of science, technology, and healthcare.

The following petition outlines how nursing integrates science, technology, engineering, and mathematics (STEM) and how it aligns with the Department of Homeland Security definition of a STEM field, one that "engages students in research, innovation or development of new technologies using engineering, mathematics, computer science or natural sciences, including physical, biological, and agricultural sciences". ¹

Thank you for your time and consideration. We look forward to the opportunity to further discuss the transformative impact of this designation on the global nursing community.

Sincerely,

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¹ Department of Homeland Security (DHS) STEM Designated Program List. Retrieved from: https://www.ice.gov/sites/default/files/documents/stem-list.pdf

Introduction:

The perception that nurses exclusively deliver direct patient care is an outdated, inaccurate representation of their broad knowledge base and professional skill sets. Nurses are leaders in healthcare innovation and are increasingly present on interdisciplinary teams with computer scientists, biomedical engineers, and mathematicians. They are scientists, educators, policymakers/experts, researchers, ethicists, statisticians, system analysts, technological innovators, informaticists, and population health leaders.

Designating nursing as a STEM field would recognize rigorous academic preparation and innovation of nurse graduates and foster the growth of a more diverse academic discipline. STEM designation will help the field unlock third-party funding for STEM scholarships for students and grants for institutions to support greater racial and gender diversity. Notably, the American Association of Colleges of Nursing recently reported that for the first time in 20 years, enrollment in entry-level baccalaureate programs has declined. ² This designation would amplify opportunities for students to engage in cutting-edge healthcare education and research, fostering cross-cultural collaboration and global advancements in healthcare. It will correct a continuing institutionalized bias that unfairly designates a female-driven skilled sciences profession as not requiring the math and sciences rigor of male-dominated fields.

Nursing integration of Science, Technology, Engineering, and Mathematics:

The American Association of Colleges of Nurses (AACN) recently adopted an updated *Essentials* series that provides "the educational framework for the preparation of nurses at four-year colleges and universities" (AACN, 2021)³. These updated *Essentials* articulate core educational competencies and required learning outcomes for our modern day, professional nursing workforce. Threaded throughout the nursing *Essentials* is a strong foundation of STEM topics. Several nursing prerequisite courses (see an example in Appendix A) are from STEM fields such as chemistry, biochemistry, physiology, and microbiology. The professional nursing curriculum is deeply aligned with the goal of STEM education, emphasizing collaborative and creative problem solving to promote the health and wellbeing of individuals, communities, and our planet. The following outline describes just a few examples of how STEM principles are engrained at the core of a nursing education:

Science:

Nursing education encompasses its own scientific discipline, Nursing Science, which focuses on evidence-based practice, nursing theories, and research methodologies. Nurses learn to critically appraise research findings and apply scientific evidence to promote and improve

² American Association of Colleges of Nursing (2022). New Data Show Enrollment Declines in Schools of Nursing, Raising Concerns About the Nation's Nursing Workforce. Retrieved from: <a href="https://www.aacnnursing.org/news-data/all-news/new-data-show-enrollment-declines-in-schools-of-nursing-raising-concerns-about-the-nations-nursing-workforce#:~:text=Data%20from%20AACN's%20Fall%202022,(see%20trend%20chart%20below).

³ American Association of Colleges of Nursing (2021). AACN Essentials. Retrieved from: https://www.aacnnursing.org/essentials

patient outcomes. The following outlines additional fields of science standardized within nursing education:

- Biological Sciences: Nursing education programs require understanding of anatomy, physiology, and microbiology; essential for nurses to comprehend how the human body functions and responds to illness or injury. This knowledge helps nurses assess patients, interpret symptoms, and plan appropriate care. 4
- Chemistry: Knowledge of chemistry is necessary for understanding medication administration, including drug interactions, chemical compositions of medications, pharmacodynamics, and pharmacokinetics. Nurses need to comprehend the chemical properties of substances they handle and administer to ensure patient safety. Educational coursework in General Chemistry, Organic Chemistry, Biochemistry, and Pharmacology are critical within nursing education.⁵
- Physics: Physics principles are applied when understanding mechanical ventilation, monitoring medical equipment, and patient positioning to prevent complications such as pressure ulcers or musculoskeletal injury. Concepts such as gravity, force, and pressure are essential to provide safe patient care.
- Physiology: Nurses assess patient hemodynamic status and fluid and electrolyte balance along with patient ventillation using critical care monitoring.
- Psychological Sciences: Nursing education incorporates psychology to understand human behavior and therapeutic communication. This requisite knowledge aids a nurse's ability to provide holistic care, addressing not just physical but psychological needs.⁶
- Social Sciences: Understanding sociology and anthropology helps nurses recognize
 the influence of culture, socioeconomic status, and societal factors on health beliefs and
 practices. The knowledge promotes nurses providing health promotion and culturally
 competent care.
- Health Sciences: Nursing education includes courses in public health, epidemiology, and biostatistics to prepare nurses for roles in health promotion across the lifespan, disease prevention, and population health management. In the face of increased climatory phenomena, nursing education and practice are increasingly engaging with environmental science to understand better and mitigate health impacts of climate change. ⁷⁸

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7877148/#:~:text=Bioscience%20is%20a%20subject%20that,constitute%20the%20foundation%20of%20nursing.

⁴ Knutstad, U., et. al (2021). Teaching bioscience to nursing students-What works? *Nursing Open*, 8(2): 990-996. Retrieved from:

⁵ Brown, E., et. al (2012). A Bridge between Two Cultures: Uncovering the Chemistry Concepts Relevant to the Nursing Clinical Practice *Journal of Chemical Education*. Retrieved from: http://www.wccta.org/sites/default/files/wccta_2016/GOB_and_Nursing_Topics.pdf.

⁶ Davies, N. (2021). The psychology of nursing. *Independent Nurse*. Retrieved from: https://www.independentnurse.co.uk/content/professional/the-psychology-of-nursing/

⁷ McDermott-Levy, R., Murphy, K., Leffers, J., Cantu, A. *Environmental Health in Nursing, 2nd Edition.* Retrieved from: http://envirn.org/e-textbook/. 2022.

⁸ Portela Dos Santos, O., Melly, P., Joost, S., & Verloo, H. Climate Change, Environmental Health, and Challenges for Nursing Discipline. *Int J Environ Res Public Health*. 2023; 20(9): 5682. Doi: 10.3390/ijerph20095682

• Nutritional Science: Nursing students learn about nutrition and its role on the body. Understanding nutritional principles help nurses assess dietary intake, identify nutritional deficiencies, and provide appropriate nutritional education. Nurses learn age-specific nutritional requirements, such as breastfeeding guidelines for newborns, nutritional needs during pregnancy, and dietary considerations for older adults. Nurses learn about nutrition-related diseases such as diabetes, cardiovascular disease, and obesity, as well as the role of nutrition in wound healing, immune function, and recovery from illness or surgery.

Technology:

Technology plays a significant role in nursing education, enhancing teaching methods, facilitating learning experiences, and preparing nurses for the increasingly technology-driven healthcare environment. Examples of technology utilization in nursing education:

- Simulation: Nursing education today "can no longer afford to consider simulation as merely an 'add-on'. Simulation today includes role play, standardized patients, virtual simulation, and computerized mannequins...simulation allows students to learn skills, develop clinical reasoning abilities, and to become competent in caring for patients/families in a safe environment" 10. High-fidelity mannequins mimic physiological responses and allow students to practice clinical skills, critical thinking, and decision making without risking patient safety. Simulation also serves as a safe and highly realistic method for testing clinical innovations created by collaborative teams of nursing students, biomedical engineers, software engineers, or computer scientists.
- Virtual Reality (VR) and Augmented Reality (AR): VR and AR offer immersive learning experiences for nursing students. They simulate clinical environments, procedures, and patient interactions, allowing students to practice skills and gain confidence.
- Electronic Health Records (EHRs): Nursing students learn to navigate EHR systems, integral to modern healthcare practice. Training in EHRs familiarizes students with documentation processes and patient data management, preparing them for clinical practice in settings where EHRs are used.
- Telehealth and Telemedicine: With growing emphasis on telehealth services, nursing
 education includes training in telehealth technology and remote patient monitoring.
 Students learn to conduct virtual assessments, communicate with patients remotely, and
 utilize telehealth for healthcare delivery.
- Innovations in Healthcare Technology: Nurses play an active role in the development and integration of healthcare technology. Development of technologies such as wearable health devices and digital health apps help ensure patient safety and

⁹ National Library of Medicine (n.d.) Chapter 14: Nutrition. Nursing Fundamentals. Retrieved from: https://www.ncbi.nlm.nih.gov/books/NBK591829/

Aebersold, M. (2018). Simulation-Based Learning: No Longer a Novelty in Undergraduate Education. The Online Journal of Issues in Nursing, A Scholarly Journal of the American Nurses Association. Retrieved from: https://ojin.nursingworld.org/table-of-contents/volume-23-2018/number-2-may-2018/articles-on-previously-published-topics/simulation-based-learning-undergraduate-education/

- monitoring. Nurse scientists are leveraging technology to conduct research and design interventions to meet community needs. ¹¹
- Informatics: Nursing informatics is a specialized field within nursing that focuses on integrating nursing science with information management and analytical sciences to identify, define, manage, and communicate data, information, knowledge, and wisdom in nursing practice. Technology plays a crucial role in nursing informatics, enabling nurses to effectively manage and utilize healthcare information to improve patient care outcomes. 12

Engineering:

Emerging areas exist where engineering principles intersect within nursing practice and education. Examples include:

- Biomedical Engineering: Biomedical engineering focuses on the application of
 engineering principles to healthcare and nursing. Nursing students benefit from learning
 about medical device use and design and biomedical imaging. This knowledge helps
 nurses utilize medical equipment, interpret imaging results, and collaborate with
 biomedical engineers to improve patient care.
- Healthcare Technology Management: Healthcare technology management involves
 the maintenance, repair, and management of medical equipment and technology
 systems within healthcare settings. Nursing education includes coursework on
 healthcare technology use, troubleshooting, and safety elements.
- Systems Thinking and Process Improvement: Nursing students learn principles
 including system thinking and process improvement to analyze complex healthcare
 systems, identify areas for improvement, and implement evidence-based interventions.
 These skills facilitate quality improvement to enhance patient safety, reduce healthcare
 costs, and optimize healthcare workflows.

Mathematics:

Mathematics is at the core of safe medication administration, data analysis, and decision-making to improve patient outcomes. Nurses utilize mathematical models to analyze health data, predict health trends, and evaluate the effectiveness of interventions. Examples include:

- Medication Dosage Calculations: Nurses must accurately calculate safe medication dosages based on patient weight, age, and other factors. This involves arithmetic and the application of ratios and proportions. This also includes understanding metric and household conversions. Nursing education programs require students to demonstrate proficiency in medication calculation exams to progress in their education.
- Intravenous (IV) Fluid Administration: Nurses calculate IV fluid administration rates based upon a patient's condition, fluid resuscitation needs, and prescribed infusion rates. This requires understanding volume calculations and time-based calculations.

Chicas, R., Xiuhtecutli, N., Elon, L., et. Al. Cooling Interventions Among Agricultural Workers: A Pilot Studey. *Workplace Health Saf.* 2021; 69(7): 315-322. Doi: 10.1177/2165079920976524
 O'Connor, S. & LaRue, E. (2021). Integrating informatics into undergraduate nursing education: A case study using a spiral learning approach. *Nursing Education in Practice*. Retrieved from: https://www.sciencedirect.com/science/article/abs/pii/S1471595320310209

- Concepts in pharmacology: Having a strong grasp of pharmacokinetics is fundamental
 to safe medication administration. The algebraic concept of exponential decay is
 essential for understanding a drug's half-life as it is eliminated from the body.
 Exponential decay is necessary for understanding time intervals for dosing medications
 based on plasma concentration.
- Patient monitoring: Nurses monitor and collect numerical data. This includes vital
 signs, bloodwork, a patient's fluid intake and output, a patient's range of motion, arterial
 pressure measurements, glucose levels, among many others. They must interpret this
 data accurately, understanding concepts like ranges and data trends. They must
 critically evaluate the accuracy of numerical data and closely monitor trends to promote
 health.
- Statistical & Data Analysis: In nursing research and evidence-based practice, statistical analysis is often used to analyze data and draw conclusions. Nurses need to understand statistical concepts like mean, median, mode, standard deviation and significance testing. Nurses, as a whole, input large amounts of patient data into electronic health records (HER), which can be harvested for use by scientists and institutions for quality improvement and research. ¹³ High-level nursing education programs require high-level statistical collection and interpretation.
- Healthcare Economics: Nurses need to understand financial concepts when it comes
 to managing resources efficiently within healthcare settings such as budgeting, costeffective analysis, and resource allocation.
- **Patient Education:** Nurses educate patients about their health conditions, treatment plans, and medications. This involves numerical concepts like blood glucose levels, blood pressure interpretation, dosage regimens/calculations, and nutritional supplementation.

Engagement of students in research, innovation or development of new technologies using engineering, mathematics, computer science or natural sciences:

Nursing students' engagement in research, innovation, and development of new technologies using engineering, mathematics, and science prepares students for the evolving healthcare landscape. Courses and programs specific to innovation in healthcare are becoming the standard at nursing schools and healthcare institutions around the country. Nursing innovation focuses on creating new methods, ideas, products, or services to improve patient care, health care outcomes, and nursing practices through the application of scientific principles, technological advancements, engineering solutions, and mathematical analyses.

The American Nurses Association (ANA) lists nursing programs leading in innovation and the list grows year after year. This is because worldwide organizations that focus on health and healthcare, including the ANA, the World Health Organization and the National Academies of

¹³ Macieira, TGR., Yao, Y., Marcelle, C., et al. Standardizing nursing data extracted from electronic health records for integration into a statewide clinical data research network. *Int J Med Inf.* 2024; 183:105325. Doi: 10.1016/j/ijmedinf/2023.105325

Science, Engineering and Medicine, have determined that nurses' acquisition of innovation education and skills is essential to the nursing profession. The International Council of Nurses defines nursing innovation specifically with STEM in mind, stating it as "the process of developing new approaches, technologies and ways of working".

Here's some examples of how nursing students are involved in such endeavors:

- Interdisciplinary Research Opportunities: Nursing students collaborate with students
 and faculty from engineering, mathematics, and science disciplines on research projects
 that address healthcare challenges and improve the future of healthcare.
 Interdisciplinary research teams explore topics such as medical device design,
 healthcare informatics, biomechanics, and data analytics to develop innovative solutions
 for improving patient care.
- 2. Undergraduate Research Programs: Nursing programs frequently offer undergraduate research opportunities that allow students to participate in hands-on research experiences. Students conduct research projects related to nursing practice, healthcare technology, patient safety, or health outcomes, leveraging engineering, mathematics, and science (examples above) to advance knowledge and innovation in nursing.
- 3. Capstone Projects and Design Challenges: Nursing students can participate in capstone projects or design challenges that involve developing new technologies or innovative solutions to address healthcare needs. Collaborative projects with engineering or science students can provide opportunities for nursing students to contribute their clinical expertise while learning from peers with complementary skills in technology and innovation.
- 4. **Hackathons and Innovation Competitions:** Nursing students can participate in hackathons, innovation competitions, or healthcare-focused design challenges where multidisciplinary teams work together to solve real-world healthcare problems. These events provide a platform for nursing students to collaborate with engineers, mathematicians, and scientists to ideate, prototype, and pitch innovative solutions that have the potential to transform healthcare delivery.
- 5. **Internships and Externships:** Nursing students can pursue internships or externships with healthcare technology companies, research institutions, or healthcare organizations involved in innovation and technology development. These experiential learning

Asurakkody, T.A., & Shin, S.Y. (2018). Innovative Behavior in Nursing Context: A Concept Analysis. Asian Nursing Research, 12(4), 237-244. Retrieved from: https://doi.org/10.1016/j.anr.2018.11.003
 World Health Organization. (n.d.). Health Innovation for Impact. World Health Organization. Retrieved April 9, 2022, from https://www.who.int/teams/digital-health-and-innovation/health-innovation-for-impact

¹⁶ National Academies of Sciences, Engineering, and Medicine; National Academy of Medicine; Committee on the Future of Nursing 2020–2030, Flaubert, J. L., Le Menestrel, S., Williams, D. R., & Wakefield, M. K. (Eds.). (2021). *The Future of Nursing 2020-2030: Charting a Path to Achieve Health Equity*. National Academies Press (US).

¹⁷ International Council of Nurses. (2009). Delivering quality, serving communities: nurses leading care innovations Retrieved from https://www.icn.ch/publications/2009 delivering-quality- serving communities-nurses-leading-care-innovations/

opportunities allow students to gain firsthand experience in applying engineering, mathematics, and science concepts to healthcare challenges while working alongside professionals in the field.

Engaging nursing students in research, innovation, and the development of new technologies using engineering, mathematics, and science, cultivates interdisciplinary collaboration, creativity, and problem-solving skills in their future careers. These experiences enrich students' learning experiences and contribute to advancements in nursing practice, healthcare delivery, and patient outcomes. Nurses are not a monolithic group- many nurses hold dual degrees in fields and function as nursing engineers, biomedical researchers, chemistry professionals, and designers.

See Appendix B for references that further explore the intersection of nursing, innovation, and STEM from various perspectives, including academic research, practical applications, and theoretical discussion.

Summary:

Modern advancements across the field of professional nursing education and practice are undeniable. Nurses are not just embracing STEM, but driving STEM and innovation forward. Nursing's contributions in these areas were clearly demonstrated during the COVID-19 pandemic as they utilized their foundational STEM knowledge to develop and rapidly enact life saving innovations. It's crucial we recognize and support nursing professionals in pursuing STEM development and growth opportunities by acknowledging their rightful place within STEM fields. The accompanying appendicies offer further justification, through a sample curricular model, additional research and references, and a comprehensive list of coalition members.

About the Nursing is STEM Coalition

Founded in 2023, The Nursing is STEM Coalition (www.nursingisstem.org) has strived to empower and build a coalition of professional nursing experts and interdisciplinary partners across the fields of practice, academic, and industry. Since its inception, the Nursing is STEM Coalition garnered the support of professional nursing organizations (ex: American Nurses Association, Commission for Nurse Reimbursement, Ghanaian-Diaspora Nursing Alliance) members of institutes of higher education offering nursing programs (ex: Johns Hopkins School of Nursing, Yale University, Emory, Vanderbilt University, The University of Kansas, University of Arizona), healthcare organizations (ex: Harris Health System, Saint Francis Healthcare), and individual signatures (see Appendix C for comprehensive list of coalition supporters).

Appendix A: Sample Nursing Curricula with STEM Coursework

NYU| Rory Meyers College of Nursing Traditional 4 Year Curriculum: Retrieved from: https://nursing.nyu.edu/academics/undergraduate/traditional-4-year?tgid=nyunursing-tabs-45506&tid=curriculum

"High school graduates complete a four-year course progression and begin clinical courses in the junior year. The curriculum combines 44 credits of liberal arts courses; 20 credits of prerequisite courses in nutrition, chemistry, anatomy and physiology, statistics, microbiology, and developmental psychology; and 64 credits of nursing specialization courses that cover the care of individuals, families, and communities as well as scientific and professional issues in nursing."

Course progression (four years)

- First Year (32 credits)
- Sophomore Year (32 credits)
- Junior Year (31 credits)
- Senior Year (33 credits)

First-Year: Fall Semester (17 credits)

Course Number	Course Title	Credit	Term
CHEM-UA 120	Introduction to Modern Chemistry	5	Spring, Fall

Selected principles and applications of chemistry, with emphasis on the fundamental nature of chemistry. Basic course dealing with concepts of atomic and molecular structure, chemical bonding, solution chemistry, equilibrium, reaction rates, and properties of gases, liquids, and solids.

EXPOS-UA 1	Writing The Essay:	4	Spring, Summer, Fall
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This foundational writing course is required for CAS, Nursing, Social Work, Steinhardt and Tandon incoming undergraduates. "Writing the Essay" provides instruction and practice in

Course Number	Course Title	Credit	Term

critical reading, creative and logical thinking, and clear, persuasive writing. Students learn to analyze and interpret written texts, to use texts as evidence, to develop ideas, and to write exploratory and argumentative essays. Exploration, inquiry, reflection, analysis, revision, and collaborative learning are emphasized.

SOC-UA 1	Intro to Sociology	4	Spring, Summer, Fall
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Offered every semester. 4 points. Survey of the field of sociology: its basic concepts, theories, and research orientation. Threshold course that provides the student with insights into the social factors in human life. Topics include social interaction, socialization, culture, social structure, stratification, political power, deviance, social institutions, and social change.

NURSE-UN 4	Nursing Cohort Seminar		Fall			
No description available						
CAS-Search by Sub.	Social Science Elective					
No description available						

First-Year: Spring Semester (15 credits)

Course Number	Course Title	Credit	Term
NURSE-UN 70	Anatomy & Physiology	3	Spring, Summer, Fall

Course Number	Course Title	Credit	Term

45 hours lecture plus lab. 3 credits. The course focuses on the structure and function of the human body and how it affects health and wellbeing. The structure and function of each body system is studied and their inter-relationships explained.

ACE-UE 110	Advanced College Essay: Educ & The Professions	4	Spring, Summer, Fall
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Students in the Steinhardt School of Education and the School of Nursing are required to take this course. The course builds on Writing the Essay (EXPOS-UA 1) and provides advanced instruction in analyzing and interpreting written texts from a variety of academic disciplines, using written texts as evidence, developing ideas, and writing persuasive essays. It stresses analysis, inductive reasoning, reflection, revision, and collaborative learning. The course is tailored for students in the Schools of Education and Nursing so that readings and essay writing focus on issues that are pertinent to those disciplines.

CORE-UA 4XX	Text & Ideas: Tpcs			
No description available				
PSYCH-UA 1	Intro to Psychology	4	Spring, Summer, Fall	

Cimpian, Knowles, Reed, Rhodes, Van Bavel. Offered every semester. 4 points. Fundamental principles of psychology, with emphasis on basic research and applications in psychology's major theoretical areas of study: thought, memory, learning, perception, personality, social processes, development, and the physiological bases of psychology. Included in the class is direct observation of methods of investigation through laboratory demonstrations and by student participation in current research projects.

Sophomore Year: Fall Semester (16 credits)

Course Number	Course Title	Credit	Term
NURSE-UN 80	Statistics I	3	Spring, Fall
field of statistics as in	redits. This course is an introduction for t is used in nursing, epidemiology, public anderstanding what the statistics are used	ic health, and	clinical research. It

will concentrate on understanding what the statistics are used for and what they tell us rather than mathematical theory. Knowledge of high school algebra is assumed.

APSY-UE 1271	Developmental Psychology Across the Lifespan	3	Spring, Fall	
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Discussion of human growth across the lifespan; multiple contexts in which development unfolds are explored & implications for practice are considered.

NURSE-UN 75	Microbiology	3	Spring, Fall
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45 hours lecture. 3 credits. This course introduces the principles of the infectious disease process with respect to the properties of infectious agents, modes of transmission, manifestations of infections, their prevention and treatment, and the properties of the immune system. Major infectious diseases in humans, including the methods used for their identification in the clinical lab, are covered. Modes of transmission are described, as well as treatments and prevention. The application of principles of microbiology to the work of health professionals is also discussed.

NUTR-UE 119	Nutrition and Health	3	Spring, Summer, Fall
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Introduction to nutrition science and its role in health and society: nutrient characteristics, requirements, and food sources, energy balance, weight control, dietary guides and food planning, and social and economic factors that affect food production and consumption. Liberal Arts CORE equivalent – satisfies the requirement for Natural Sciences for non-majors on an individual department basis-students should confirm with their Academic Advisor

Course Number	Course Title	Credit	Term
CORE-UA 5XX	Cultures & Contexts: Tpcs		
No description availa	ble		

Sophomore Year: Spring Semester (16 credits)

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Course Number	Course Title	Credit	Term
CAS-Search by Lang.	Foreign Language (SPAN-UA, FREN-UA, etc.)*		
No description available			
CAS-Search by Sub.	*Liberal Arts Electives		
No description available			

Course Number	Course Title	Credit	Term
CAS-Search by Sub.	*Liberal Arts Electives		
No description available			
CAS-Search by Sub.	*Liberal Arts Electives		
No description available			

Junior Year: Fall Semester (16 credits)

Course Number	Course Title	Credit	Term
NURSE-UN 239	Health Assessment & Promotion	4	Spring, Fall

60 hours lecture plus lab. 4 credits. This course focuses on the development of comprehensive health assessment skills, including measures of physical and functional status, documentation of the assessment findings, and health promotion strategies for each body system.

Course Number	Course Title	Credit	Term	
Considerations of racial and cultural differences are discussed with respect to health assessment as well as health promotion strategies.				
NURSE-UN 240	Adult & Elder Nursing I	6	Spring, Fall	
45 hours lecture plus clinical and lab. 6 credits. This course focuses on the development of the concepts and skills used by the professional nurse. Using nursing theory, students apply the pursing process and pursing skills in the on campus laboratory practice and in the care of adult				

45 hours lecture plus clinical and lab. 6 credits. This course focuses on the development of the concepts and skills used by the professional nurse. Using nursing theory, students apply the nursing process and nursing skills in the on-campus laboratory practice and in the care of adult clients and their significant others in clinical settings such as acute care facilities and skilled nursing facilities.

NURSE-UN 1261	Professional Nursing	3	Spring, Fall

45 hours: 3 credits. This course explores historical assumptions about nursing as a basis for understanding professional roles and the image of nursing in today?s society. Nursing is identified as a learned, valued profession; emphasis is on the influence of history in its evolution. Contemporary nursing workforce, educational trends, and practice issues are explored as primary factors in professional status. Ethical and legal aspects of nursing practice are discussed. Political and economic factors shaping nursing practice in the health care delivery system are defined, evaluated, and compared to other health systems.

NURSE-UN 1435	Pathophysiology	3	Spring, Fall	
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45 hours: 3 credits. Emphasis is placed on the relationship of usual health patterns of major body systems to changes that occur during the illness experience. Major pathophysiologic concepts are explored using a body systems approach. Theories relating etiology, pathogenesis, and clinical manifestations are used to study common disease processes. Concepts from anatomy, physiology, and chemistry courses provide the foundation for exploring human dysfunction. Concepts learned in this course are basic to nursing practice.

Junior Year: Spring Semester (15 credits)

Course Number	Course Title	Credit	Term
NURSE-UN	Integrating Evidence into Clinical	3	Spring,
120	Practice		Summer

45 hours lecture. 3 credits. The course focuses on the conceptual and research development of nursing knowledge that forms the basis of evidence-based practice. Areas of nursing inquiry currently investigated are presented. The validity of quantitative and the conformability of qualitative methods used to answer nursing research questions are discussed. Students critically evaluate current nursing research and assess applicability to clinical practice. They also evaluate and assess applicability of related research reported in the media.

NURSE-UN 1241	Adult & Elder Nursing II	6	Spring, Summer
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45 hours lecture plus clinical and lab. 6 credits. The focus of this course is on professional nursing care for individuals and their significant others experiencing acute and/or chronic illness. The nursing process is applied in caring for adults and their significant others across health care settings such as the hospital, skilled nursing facilities, and home care.

NURSE-UN 241	Psychiatric Mental Health Nursing	3	Spring, Summer
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This course focuses on the application of evidenced-based standards of psychiatric mental health nursing in promoting mental health and caring for persons with mental health conditions and/or substance used is orders. The role of nurse as a member of the interprofessional health care team across different settings and across the continuum of care are highlighted. There is an emphasis on critical thinking, therapeutic communication and interpersonal skills as they relate tomental health nursing. Legal issues, patient education, pharmacology and population health principles are integrated in the context of mental health through the course.

Course Number	Course Title	Credit	Term
NURSE-UN 1436	Nrsg Pharmacotherapeutic	3	Spring, Summer

45 hours: 3 credits. This course provides students with the knowledge of pharmacologic preparations used in the maintenance of health and prevention of illness. The content focuses on the drug actions, therapeutic response, patient-teaching responsibilities, and nursing implications in identifying areas of side effects, adverse effects, drug interactions, and safe administration of medications for patients of diverse racial and cultural backgrounds. Evidence-based research and legal/ethical issues are also addressed in the context of the nurse's role in pharmacotherapy.

Senior Year: Fall Semester (15 credits)

Course Number	Course Title	Credit	Term
NURSE-UN 1242	Maternity Nursing	3	Summer, Fall

22.5 hours lecture plus clinical and Recitation. 3 credits. This course focuses on providing a nursing process framework for examining families in the childbearing years. Individual, societal, cultural, and environmental variables and health care disparities relating to childbearing and parenting are identified. Delivery of nursing care to pregnant, laboring, and postpartum mothers and their newborns is the clinical focus, with a goal of maximizing the health potential of young families.

NURSE-UN 1243	Adult & Elder Nursing III	6	Summer, Fall
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45 hours lecture plus clinical and Lab. 6 credits. This course focuses on the interactions among aging, disease, functional ability, the environment, and health disparities of adults and elders.

Course Number	Course Title	Credit	Term

Emphasis is placed on the application of the nursing process to health promotion/maintenance and disease management relating to orthopedics, neurology, cognition and decision making, genitourinary, rehabilitation, immune dysfunction, and elimination in the adult and older adult populations.

NURSE-UN 1255	Pediatric Nursing	3	Summer, Fall
	9		,

45 hours Lecture Plus Clinical and Lab: 3 credits. This course provides a family theory and nursing process framework for examining families in the child-rearing years from infancy through adolescence. Individual, societal, cultural, and environmental variables and health care disparities relating to child-rearing and parenting are identified. Delivery of nursing care adapted to the unique health and developmental needs of children and their families is the clinical focus, with a goal of maximizing the health potential of young families. There is a strong health promotion, risk reduction, and disease prevention component.

45 hours: 3 credits. This course will explore current issues in the evolution of patient care in contemporary health care systems. Embedded in the human experience of illness and health are rich sub-concepts with ethical and moral implications such as comfort and suffering, genetics/genomics, bioethics, addiction, culture and healthcare disparities, LGBT healthcare needs, interprofessional collaboration, global health issues, and policy. Ethics is an essential component of nursing practice and is inextricably linked to quality care. Students will be challenged to think critically and ethically about what society considers fair and just care as they explore factors that influence the wellness-illness continuum of human experiences. Discussions will focus on a variety of sources and formats to include: case studies, selected evidence-based articles, care protocols, contemporary editorials, film and student opinions. Students will use evidence-based sources, to discuss scientific and technological advances that are creating unprecedented opportunities, choices, and consequences that are inevitable when illness and health care intersect.

Senior Year: Spring Semester (18 credits)

Course Number	Course Title	Credit	Term
NURSE-UN 1244	Community Health Nursing	6	Spring, Fall

45 hours lecture plus clinical. 6 credits. This course focuses on understanding and applying the theoretical principles of and evidence base for public health nursing to culturally competent, community health nursing practice and professional role development. The focus of community health nursing practice is on protecting and enhancing the health of communities and humanly diverse populations, including those at risk and those challenged by health disparities, developmental needs, and mental health concerns and for clients living with poverty. Emphasis is placed on health promotion, health care policy, and ethics.

NURSE-UN 1245	Leadership & Management in Nursing	6	Spring, Fall
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45 hours lecture plus clinical and Lab: 6 credits. The goal of this course is to facilitate the paradigm shift from student to professional nurse. The focus is on the understanding, synthesis, and application of the evidence- base for using leadership and management principles in prioritizing and delivering nursing care to groups of patients as a team member within the health care organization. The course prepares the student nurse for entry into professional nursing practice after graduation. It addresses health policy, economic issues, and the integration of ethical and legal aspects of care.

	UG Nursing Elective	3	Fall, Spring, Summer	
No description available				
	UG Nursing Elective	3	Fall, Spring, Summer	
No description available				

Appendix B: Exploring the intersection of nursing, innovation, and STEM-Additional References:

1. Nursing Innovation and Technology:

- o Honey, M., & Kirshbaum, M. (Eds.). (2018). *Digital Health: Scaling Healthcare to the World*. Springer. This book provides insights into how digital health innovations, including those led by nurses, are transforming healthcare delivery worldwide.
- Skiba, D.J. (2017). Nursing informatics 2021: A STEM-focused future. Nursing Education Perspectives, 38(1), 34-37. This article discusses the future of nursing informatics, emphasizing its role in STEM and the importance of focusing on science, technology, engineering, and mathematics in nursing education.

2. Evidence-Based Practice in Nursing:

o Melnyk, B.M., & Fineout-Overholt, E. (2018). *Evidence-Based Practice in Nursing & Healthcare: A Guide to Best Practice*. Wolters Kluwer Health. This textbook is a comprehensive guide to implementing evidence-based practice in nursing and healthcare, underscoring the scientific foundation of nursing practice.

3. Nursing and Healthcare Innovation:

- o Riehle, M.A., & Hanseman, D. (2019). The role of innovation in nursing. *Journal of Nursing Administration*, 49(10), 487-490. This article explores the critical role of innovation in nursing, discussing how nurses can lead and contribute to innovative practices that improve patient care and healthcare outcomes.
- Dy Bunpin, J. J., 3rd, Chapman, S., Blegen, M., & Spetz, J. (2016).
 Differences in Innovative
- Behavior Among Hospital-Based Registered Nurses. The Journal of nursing administration, 46(3), 122–127. https://doi.org/10.1097/NNA.00000000000000310
- Fitzpatrick, J.J., & McCarthy, G. (Eds.). (2016). Nursing Innovation and Leadership: A Global Perspective. Springer. This collection of essays provides a global perspective on nursing innovation and leadership, highlighting case studies of nurses leading change and advancing healthcare through innovative practices.
- Knol, J., & van Linge, R. (2009). Innovative behaviour: the effect of structural and psychological empowerment on nurses. *Journal of advanced nursing*, 65(2), 359–370. https://doi.org/10.1111/j.1365-2648.2008.04876.x

4. Interdisciplinary Collaboration in STEM and Healthcare:

o Jacobs, B., McGovern, J., Heinmiller, J., & Drenkard, K. (2015). Engaging employees in well-being: Moving from the Triple Aim to the Quadruple Aim. *Nursing Administration Quarterly*, 39(3), 231-245. This article discusses the

importance of engaging healthcare professionals, including nurses, in interdisciplinary collaboration to achieve the Quadruple Aim in healthcare, emphasizing the role of STEM disciplines in enhancing health outcomes.

National Academy of Engineering (NAE) and Institute of Medicine (IOM). (2015). Building a Better Delivery System: A New Engineering/Health Care Partnership. National Academies Press. This report outlines the collaboration between engineering and healthcare, including nursing, to innovate and improve healthcare delivery systems.

Appendix C: Nursing is STEM Coalition List of Supporters (As of May 15, 2024):

A. Academic Institutions

- 1. University of Pennsylvania School of Nursing
- 2. Johns Hopkins School of Nursing
- 3. Emory University: Nell Hodgson Woodruff School of Nursing
- 4. Yale School of Nursing
- 5. The University of Kansas School of Nursing
- 6. Vanderbilt School of Nursing
- 7. Columbia University School of Nursing
- 8. University of Minnesota School of Nursing
- 9. The University of Vermont College of Nursing and Health Sciences
- 10. Frances Payne Bolton School of Nursing Case Western Reserve University
- 11. NYU Meyers College of Nursing
- 12. Penn State Ross and Carol Nese College of Nursing
- 13. University of Buffalo
- 14. University of Arizona College of Nursing
- 15. Galen College of Nursing
- 16. Wenatchee Valley College of Nursing
- 17. Seattle Central College
- 18. Northwest University
- 19. Pacific Lutheran University School of Nursing
- 20. Kettering College
- 21. University of Mount Olive
- 22. University of Houston Clear Lake
- 23. Los Medanos College
- 24. Herzing University
- 25. Thomas Jefferson University College of Nursing
- 26. University of Nevada Las Vegas
- 27. University of Virginia School of Nursing
- 28. Colby-Sawyer College
- 29. Assabet Valley Regional Tech School Practical Nursing
- 30. Harrisburg University of Science & Technology
- 31. York College of Pennsylvania
- 32. Carlow University
- 33. Assabet Valley Regional Tech School Practical Nursing
- 34. Stony Brook University School of Nursing
- 35. Central Arizona College
- 36. Sumner College
- 37. Kings College
- 38. University of San Francisco School of Nursing and Health Professions
- 39. San Antonio College
- 40. Medical University of South Carolina College of Nursing
- 41. ECPI University

- 42. Southeastern College
- 43. University of Iowa
- 44. CUNY SPS
- 45. Passaic County Community College
- 46. Samuel Merritt University
- 47. Villanova University M. Louise Fitzpatrick College of Nursing
- 48. Widener University
- 49. University of Wollongong
- 50. University of South Florida
- 51. Worcester State University
- 52. MGH Institute of Health Professions
- 53. Southern University at New Orleans
- 54. Northeastern University

B. Professional Organizations

- 1. American Health Care Association
- 2. Dean's Nursing Policy Coalition
- 3. American Public Health Organization
- 4. National Association of Family Nurse Practitioners
- 5. DNPs of Color
- 6. American Nurses Association California
- 7. American Nurses Association New York
- 8. American Nurses Association Rhode Island
- 9. American Nurses Association Illinois
- 10. American Nurses Association Vermont
- 11. Maine Health Care Association
- 12. Alabama Nursing Home Association
- 13. Massachusetts Senior Care Association
- 14. Ohio Health Care Association
- 15. Care Providers Oklahoma
- 16. Big Bend Black Nurses Association
- 17. Arkansas Nurses Association
- 18. Kansas Health Care Association/KS Center for Assisted Living
- 19. Pennsylvania Health Care Association
- 20. Idaho Health Care Association
- 21. District of Columbia Health Care Association
- 22. New England Regional Black Nurses Association, Inc.
- 23. Nebraska Health Care Association
- 24. Arkansas Health Care Association
- 25. Care Providers of Minnesota
- 26. Arizona Health Care Association
- 27. Utah Health Care Association
- 28. NC Health Care Facilities Association
- 29. Health Facilities Association of Maryland
- 30. Connecticut Organization to Advance Hospice and Palliative Care

- 31. National Nurse Practitioner Entrepreneur Network
- 32. Life Sciences Industry Nurses Association
- 33. Commission for Nurse Reimbursement
- 34. Ghanaian-Diasposa Nursing Alliance
- 35. Hospice and Palliative Nurses Association
- 36. American Association of Post-Acute Care Nursing
- 37. Nurses Feed Their Young
- 38. Organization for Associate Degree Nursing
- 39. National Association of Indian Nurses of America
- 40. Indian Nurses of America of Illinois
- 41. Healthcare Information and Management Systems Society (HIMSS) New York State Chapter
- 42. Guardian Nurses Healthcare Advocates
- 43. Society of Latinx Nurses
- 44. DNPs of Color
- 45. New Directions for Nurses

C. Healthcare Organizations

- 1. Penn Medicine
- 2. Saint Francis Healthcare
- 3. Harris Health System
- 4. Rush University Medical Center
- 5. Cook County Health
- 6. University of Pittsburgh Medical Center
- 7. Los Angeles County of Mental Health
- 8. Methodist Healthcare
- 9. Brookdale Hospital
- 10. Flatiron Health
- 11. Newton Wellesley Hospital
- 12. Bassett Medical Center
- 13. High Performance Nursing
- 14. Med-Surg RN Pro
- 15. SavantSolutions4HIT
- 16. Children's National Hospital
- 17. ECU Health
- 18. Kent Hospital
- 19. Cedars-Sinai
- 20. Cape Fear Valley Medical Center
- 21. Sanford Health
- 22. Dana-Farber Cancer Institute
- 23. Alice Peck Day Memorial Hospital
- 24. Rochester Regional Health
- 25. National Health Care Associates, Inc.
- 26. Nicklaus Children's Hospital
- 27. University of Iowa Health Care

- 28. Orchid Healthcare Solutions
- 29. Dermright Mobile Dermatology
- 30. The Queens Medical Center
- 31. Community Clinical Research
- 32. Beth Israel Deaconess Medical Center
- 33. Royal Prince Alfred Hospital, Australia
- 34. Good Shepherd Rehabilitation Hospital
- 35. Baptist Health
- 36. Lakeland Regional Health
- 37. Abbott Northwestern Hospital
- 38. Tennova Healthcare Cleveland
- 39. Northwestern Memorial Hospital
- 40. Ghana Health Service
- 41. New York Presbyterian
- 42. Rochester Regional Health
- 43. Littleton Regional Healthcare

D. Individual Signatures:

- 1. David Marshall, Senior Vice President & Chief Nursing Executive, Cedars-Sinai
- 2. Valerie Strockbine, Assistant Director of Regulatory Affairs, Johns Hopkins Hospital
- 3. Laurie Badzek, Dean and Professor, Penn State Ross and Carol Nese College of Nursing
 - 4. Daniel Oerther, President, Council of Engineering and Scientific Specialty Boards
 - 5. Antoinette Thomas, Chief Experience Officer, Microsoft
- 6. Danielle Sarik, Director of Nursing Research and Evidence-Based Practice, Nicklaus Children's Hospital
 - 7. Anita Opdycke, Vice President Partnerships and Innovation, Press Ganey
- 8. Donna Havens, Connelly Endowed Dean and Professor, Villanova University M. Louise Fitzpatrick College of Nursing
 - 9. Jessica Varghese, Director, RN to BS program; Assistant Professor of Nursing, New York Institute of Technology
 - 10. Manjulata Evatt, Clinical Associate Professor, Duquesne University School of Nursing
 - 11. Melissa Samuel, President and CEO, Health Care Association of Michigan
 - 12. Danielle Shaver, Assistant Professor, Anna Maria College
 - 13. Carol Musil, Dean and Professor, Frances Payne Bolton School of Nursing Case Western Reserve University
 - Mary Benn, Practical Nursing Program Director, New England Institute of Technology
 - 15. Kathryn Kieran, Instructor of Nursing, MGH Institute of Health Professions
 - 16. Antoinette Hays, President, Regis College
 - 17. Helene Moriarty, Professor, Diane & Robert Moritz Jr. Endowed Chair in Nursing Research; VA Nurse Scientist, Villanova University M. Louise Fitzpatrick College of Nursing and Corporal Michael J. Crescenz VA Medical Center

- 18. Melissa Goldstein, Lead Nurse Planner, Clinical Education & Professional Development Specialist, Southwestern Vermont Medical Center
- Wendy Robb, Dean of the School of Nursing, Cedar Crest College School of Nursing
- Louise Aurelien Buie, Assistant Dean & Associate Professor, Florida Atlantic University Christine E. Lynn College of Nursing
- 21. Melissa Leisen, Assistant Professor of Nursing, Marymount University
- 22. Teresa Stephens, PhD, RN, CNE; Professor and Associate Dean for Academics, Medical University of South Carolina
- 23. Paulette Thabault, Professor Emeritus, DNP-APRN-BC, Norwich University
- Julia Johnson, Transitions in Nursing Practice Program Manager, MUSC Health-Charleston Division
- 25. Julia Salinas, DNP, MHI, RN, Admin Nursing Supervisor, Ohio State University Medical Center
- 26. Brooke Villarreal, Associate Director, Yale New Haven Health
- 27. Stuart Whitney, Clinical Professor Emerti, University of Vermont
- 28. Annette Macias-Hoag, EVP, Chief Nursing and Patient Care Officer, Rochester Regional Health
- 29. Amita Avadhani, Nursing Department Chair, Nursing Department at Temple University College of Public Health
- 30. Kate Kollman, DNP, Matrix
- 31. Corinna Dan, Managing Director, Maximus
- 32. Amy Garcia, Associate Clinical Professor, University of Kansas School of Nursing
- 33. Margaret Hudock, DNP,RN,CCM
- 34. Surya Shenoy, Regional Clinical Informatics Consultant, Kaiser Permanente
- 35. Jessie Reich, Director of Patient Experience, Penn Medicine
- 36. Paticia Liddy, RN Primary Care Coordinator, Cleveland Clinic
- 37. Teresa Sanderson, RN, Founder, Nurses Feed Their Young
- 38. Pamela Oborg-Mitchell, RN, JD
- 39. Tara Burnham, Clinical Assitant Professor, University of Vermont
- 40. Teresa Cahill-Griffin, DNP, RNC-OB, Vice Chair Undergraduate Nursing, University fo Vermont
- 41. Deborah Schwartz, Nurse Informaticist, Deep Mile Networks
- 42. Tim Peck, Candidate US Congress IN-9
- 43. Victoria Scott, Nurse Practitioner, Boston Children's Hospital
- 44. Lourdes Careaga, Senior Certification Outreach Specialist, American Nurses Credentialing Center
- 45. Greg Friedman, Director of Admissions, Massachusetts College of Pharmacy and Health Sciences
- 46. Oretha Grayson, RN Analyst, American Nurse Association
- 47. Mehlika Lozins, Senior Program Specialist, American Nurses Association
- 48. Mekaela Berry, Senior Operations Manager, American Nurses Association
- 49. James Kerridge, Chief Nurse, Jesse Brown VA Medical Center

- 50. Adrian Morse, Technology Designer (MHI, BSN, RN), Smith Seckman Reid Inc.
- 51. Sayonara Barbosa, RN, PhD, University of Cincinnati College of Nursing
- 52. Christine Mironenko, NP, Hospital for Special Surgery
- 53. Patricia Grust, Nursing Education and Legal Nurse Consultant, Self Employed
- 54. Samantha Boch, Assistant Professor, University of Cincinnati
- 55. Alysia Adams, VP Of Operations, Luminous Nursing Staffing
- 56. Tim Raderstorf, President, Raderstorf Consulting
- 57. Susanne Quallich, Assistant Professor of Urology, Andrology Nurse Practitioner, University of Michigan
- 58. Ann Garton, Professor, Nursing; Director, Institute for Person-Centered Care, St Ambrose University
- 59. Angelarosa DiDonato, DNP, University of Pennsylvania
- 60. Laurie Robbins, RN Case Manager, Optum
- 61. Heather Goodall, Clinical Director, N/a
- 62. Stacy Feigl, Executive Assistant to CMO, New Horizon Family Health Services
- 63. Jane Hook, Research Associate, Arizona State University
- 64. Katie Glenn, CRNP, WellSpan Health
- 65. Ashley Darcy Mahoney, Professor and Nurse Practitioner, George Washington School of Nursing
- 66. Michele Patchett, Director of Performance Improvement and Innovation, Greater Baltimore Medical Center
- 67. Makayla Cordoza, Assistant Professor, Vanderbilt University
- 68. Carrie McGraw, Manager, Quality Improvement and Practice, Society for Vascular Surgery
- 69. Mariaelena Galie, Student nurse, Villanova University
- 70. Dr. Britney Mower, Dean of Curriculum and Instruction, Southeast Technical College
- 71. Dayna Dixon, Director of Nursing, Mount Sinai Hospital
- 72. Mark Wahl, MS, RN, Simulation Coordinator, Capital Region BOCES
- 73. Victoria Hickey, Director of Infusion Services, Rush University Medical Center
- 74. Catherine Cantrell, Content strategist- nursing, Higher Learning Technologies
- 75. Ashlee Homer, Pediatric Hematology Nurse Coordinator, Penn State Health
- 76. Megan Ludena, Ambulatory New Grad RN Residency Program Manager, Kaiser Northwest Ambulatory Nursing
- 77. Jennifer Bail, Associate Professor, University of Alabama in Huntsville
- 78. Jane Quigley, Chief Operating Officer, Syntegra IO
- 79. Jennifer Nelson, Clinical Practice Specialist, AACN
- 80. Lynne Y, Professor Emerita, Rush University
- 81. Jonathan Dimas, PhD, RN, University of Utah Health
- 82. Janvi Jani, Clinical Implementation Specialist, Blue Spark Technologies
- 83. Roxana Chicas, Assistant Professor, Hell Hodgson Woodruff School of Nursing
- 84. Rashida Charles, PhD Candidate, University of Pennsylvania
- 85. Andrea Cook, Manager of Health Literacy, University of Miami Health System
- 86. Kathryn Roberts, Clinical Nurse Specialist, Nemours Children's Health

- 87. Carole Mayes, Dr, Rutland Regional Medical Center
- 88. Rebecca Williams, Registered Nurse and Graduate Student Research Assistant, University of Michigan School of Nursing
- 89. Silvia Stradi, RN, MSN, The Silvia Stradi Consulting Group
- 90. Rachel Solomon, Registered Nurse, Children Hospital of Philadelphia
- 91. Tracey Larsen, Magnet Program Director, VA Long Beach HCS
- 92. Jolene klotz, DON, Good Shepherd Rehabilitation Hospital
- 93. Haley Andriianov, Registered Nurse, Albany Medical Health System
- 94. Judith Corcoran, Professor of Nursing, Moraine Valley Community College
- 95. Patricia Rojas-Guerrero, Nursing PhD Student, Self
- 96. Ian Howells, Clinical Implementation Director, Intermountain Health
- 97. Christine Geraci, RN, BSN, NE-BC, Westchester Medical Center
- 98. Stephanie Edmonds, Nurse Scientist, Abbott Northwestern Hosptial
- 99. Catherine DAmico, President, D'Amco Consulting
- 100. Sharea Moore, Lab and Simulation Coordinator, Georgia State University
- 101. Anna Valdez, Professor of Nursing, Sonoma State University
- 102.KIRSTEN HANRAHAN, Director, Nursing Research & Evidence-Based Practice, University of Iowa Health Care
- 103. Cassandra Fowler, Research and EBP Specialist, University of Iowa Health Care
- 104. Stephanie Diem, Clinical Data Analyst, RN, Pennsylvania Hospital / Penn Medicine
- 105. Jodian Channer, Clinical Nurse Specialist, Maimonides Medical Center
- 106. Veronica McEvoy, Clinical Nurse Manager, AtlantiCare
- 107. Pamela Moss, Clinical Nurse Sepcialist, Johns Hopkins Hospital
- 108. Gail Furman, Clinical Professor, Villanova University
- 109. Carlene McLaughlin, Clinical Associate Professor, Villanova University
- 110. Heidi Davis, RN, Kaiser
- 111. Eloisa Toni Herrera, Clinical Nurse Specialist, Sharp HealthCare
- 112. Barbara Stephen, Director, Traditional and Transfer BSN Track, Villanova University
- 113. Angelarosa DiDonato, President, Pennsylvania Association of Nurse Anesthetists
- 114. Amanda Kessler, Clinical Nurse, SLCH
- 115. Kristen Fessele, Nurse Scientist, Memorial Sloan Kettering Cancer Center
- 116. Michellynn Reiter, Registered Nurse, Mason City Clinic
- 117. Morgan Swearingin, Critical Care Clinical Education Specialist, North Kansas City Hospital
- 118. Karen Gonzalez, DNP, CRNP, Lehigh Valley Health Network
- 119. Jane Hook, Research Associate, ASU
- 120. Keisha Manning, CEO, Nursesbnb
- 121. Nicole DePace, NP, PhD student, University of Massachusetts Boston
- 122. Laura Connelly, Director if Clinical Education, CommonSpirit

- 123. Catherine Ling, Associate Professor, Johns Hopkins University School of Nursing
- 124. Ryne Wilson, Clinical Assistant Professor, University of Minnesota
- 125. Brian Berry, Director Of Recruiting, WWHS
- 126. Emma Crocker, DNP, RN, A Red Circle
- 127. Timiya Nolan, Associate Professor, University of Alabama at Birmingham
- 128. Judith Corcoran, Professor of Nursing, Moraine Valley Community College
- 129. Karen Battistoni, Associate Director Elaine Marieb Center for Nursing and Engineering Innovation, UMass Amherst
- 130. Victoria Winogora, PhD student, Columbia
- 131. Richard Dansereau, Mr, Kaiser Permanente
- 132. Daniel Pesut, Emeritus Professor, University of Minnesota
- 133. Joseph Squire, Director, Analytics & Data Science, UPMC
- 134. Molli Oldenburg, Clinical Associate Professor, University at Buffalo
- 135. Justin Kelly, Registered Nurse, Ohio State University Wexner Medical Center -James Cancer Hospital
- 136. Matthew Potts, Director, Strategic Finance, HALO Precision Diagnostics
- 137. Giuliana Mendenhall, Registered Nurse, EAH
- 138. Heather Hudnall, CNIO, NTT DATA
- 139. Amanda Williams, Head of Clinical Operations, Pocket RN
- 140. Melanie Mathews, Chief of Staff, Performance Architects
- 141. Hannah Berns, COO, The Nursing Beat
- 142.Lisa Jones, Georgetown University School of Nursing Alumna, Georgetown University
- 143. Heather Tubbs Cooley, Associate Professor & PhD Program Director, The Ohio State University
- 144. Peggy Norton-Rosko, System SVP, CNE, Univers
- 145. Daniel Clark, Adjunct Faculty, Kent State University
- 146. Linda Yoo, Doctoral student, University of Washington
- 147. Laura Wyman, CRNP, Geisinger
- 148. Michelle Wright, Staff Scientist, National Institutes of Health
- 149. Jeannine Raymond, SVP Client Success & Growth, NURSA
- 150. Phuong Vo, Infusion Nurse, Colby-Sawyer College/Dana-Farber Cancer Institute
- 151. Israel Montero, Mr., University of Pennsylvania
- 152. Michelle Hampton, Associate Dean, Operations and Partnerships, Samuel Merritt University
- 153. Renata Mares, Ms., Adaptable Folks Inc.
- 154. Theresa Capriotti, Clinical professor, Villanova University
- 155. Bette Mariani, Vice Dean for Academic Affairs and Professor, Villanova University M. Louise Fitzpatrick College of Nursing
- 156. Anne Krouse, Dean, Widener University
- 157. Nancy Wise, Exec. Director, Communications & Marketing, Vanderbilt University School of Nursing

- 158. Betty Long, CEO/Founder, Guardian Nurses Healthcare Advocates
- 159. Michael Newell, President, LifeSpan Care Management LLC
- 160. Pamela Ressler, Founder, Stress Resources LLC
- 161. Leanne Meier, Founder, Once A Nurse
- 162. Shaun Fagan, Executive Director, National Association of Family Nurse Practitioners
- 163. Shelli-Ann McKenzie, Founder & CEO, Help for Healthcare Professionals
- 164. Cristina de la Fuente, BSN, RN, CV-BC, Cristina de la Fuente, BSN, RN, CV-BC
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- 166. Shaun Frame, Director of Nursing, Heart Center, Children's National Hospital
- 167. Ashley Cooper, FNP, ECU Health
- 168. Micbelle Trenn, RN, Kent Hospital
- 169. Amanda Fay, Clinical Education and Program Development Coordinator, Alice Peck Day Memorial Hospital
- 170. Michelle Costa, Chief Clinical Officer, National Health Care Associates, Inc.
- 171. Shannon Odell, Vice President, Chief Nursing Officer, Nicklaus Children's Hospital
- 172. Elyse Laures, Nurse Scientist, University of Iowa Health Care
- 173. JOSHUA HARRISON, FOUNDER & NURSE PRACTITIONER, DERMRIGHT MOBILE DERMATOLOGY
- 174. Geri Corpuz-Takemoto, Trauma Informaticist Nurse, The Queens Medical Center
- 175. Bryan Luedecke, Psychiatric Mental Health Nurse Practitioner, Community Clinical Research
- 176. Kelli Grace Gillis, Infection Control Practitioner (RN), Beth Israel Deaconess Medical Center
- 177. Sheena Lagat, Clinical Nurse Consultant, Royal Prince Alfred Hospital, Australia
- 178. Caitlin Reed, Nurse Manager, Good Shepherd Rehabilitation Hospital
- 179. Jana Alley, Clinical Director, Sentinel Medical Technologies
- 180. Sharon McMullen, Director, Huron consulting group
- 181. Ron Hoppe, CEO, WorldWide HealthStaff Solutions Ltd
- 182. Joni Watson, Chief Vision Officer, The Creating Collective
- 183. Kandice Alcorn, Owner, KRA Consulting Services
- 184. Jennifer Jensen, Acting CEO, Family Connects International
- 185. Sheila Y, Director clinical Serviced, Commonspirit
- 186. Katherine Piette, CEO, Corstrata
- 187. Jose Maria, Nurse Practitioner, Jose M Maria Family Health Nurse Practitioner PC
- 188. Chinelo Okoye, Family Nurse Practitioner; FNP-C, MSN, BSN, Nurse On Purpose, LLC
- 189. Kate Morin, Registered Nurse and Medical Writer, Kateliza Consulting LLC
- 190. Tracy Coats, Psychiatric Nurse Practitioner, Doctor of Nursing Practice, Insight TMS and Mental Health Care
- 191. Rebekah Barr, President, Allyon

- 192. Gloria E. Barrera, Co-Founder, Society of Latinx Nurses
- 193. Danielle McCamey, Founder/CEO & President, DNPs of Color
- 194. Kelly Landsman, Nurse Engineer, Landsman Engineering LLC
- 195. Valencia Payne, Owner, Rn4students Education With A Twist (SHIELD) A.Nano.I
- 196. Dr. Kathye Nippert, Adjunct Professor / President WSA, Workforce Strategic Advisors
- 197. Sarah Wells, Founder, New Thing Nurse
- 198. Tenley Force, RN & Author., Tenley Force Writer. Nurse. Human.
- 199. Kristi Campoe, CEO, Founder, Bold Nurse Enterprises
- 200. Natasha Jackson, CEO, iCareRN LLC
- 201. Aimee Bailey, Founding Principal, Al Care Advisors
- 202. Rackelle Wilkinson-Alston, Educational Consultant, Advanced Clinical Documentation for Nurses
- 203. Susan Davis, Founder and CEO, Rescue RN
- 204. Lori Wightman, Owner/CEO, Red Clover Leadership
- 205. Brian Norris, Founder, Bentcreek Advisors
- 206. Sharon Burch, Founding CEO, New Directions for Nurses
- 207. Laurie Smith, CEO, Laurie Lee Leadership
- 208. Mirini Kim, Head of Nursing, PocketRN
- 209. Claire Sorenson, Senior Product Manager, Sibel Health
- 210. Molly Judge, Registered Nurse, Commission for Nurse Reimbursement
- 211. Melissa Arangoa Miller, Oncology Clinical Nurse Specialist, RUSH MD Anderson Cancer Center
- 212. Melissa Moreda, Clinical Nurse Specialist, Duke Raleigh Hospital
- 213. Mary McNamara, Associate Dean Innovative Partnerships and Faculty Practice, Loyola University Chicago
- 214. Michelle Broberg, Miss, Solventum
- 215. Lisa Weil, Board Advisor, Advisor / Self-Employed
- 216. Sarah Wawrzynski, Post doctoral research fellow, Nemours
- 217. Kate Shady, Clinical RN level 4, ChristianaCare
- 218. Marykate McGurk, Registered Nurse, Aya Healthcare
- 219. Jaime Armstrong, RN- clinical education manager, Prytime Medical
- 220. Angela Roesler, Dean of Health Sciences and Community Services, Northcentral Technical College
- 221. Grace Garcia, Healthcare Excellence Leader, Not applicable
- 222. Kathleen Nettesheim, RN, LHCC
- 223. Beth Toner, director, program communications, Robert Wood Johnson Foundation
- 224. Kaye Mendoza, RN, Lefora Filipino Nurses to US (200,000+ members Facebook community)
- 225. Darcy Burbage, Oncology Clinical Nurse Specialist, Consultant
- 226. Lisette Jones, Nursing Student, Seattle University
- 227. Alyssa Blake, Research Nurse, Umass Chan Medical School

- 228. Theresa Adams, Professor Emeritus, Alvernia University
- 229. Dennis Kordie, DNP, Lifetime Health Choice LLC
- 230. Morgan Goodrich, Nursing Student, Seattle University
- 231. Sorcha Donnelly, Dr, BCAL DIAGNOSTICS
- 232. Laanna Johnson, Professional Development Specialist, M Health Fairview
- 233. Takara Schomberg, Lecturer of Nursing (MSN, RN, CNE, CHSE), South Dakota State University
- 234. Roseanne Fairchild, Associate Professor, Chamberlain University
- 235. Shawna Butler, Faculty, University of Massachusetts at Boston
- 236. Erica Hitch-Graham, Registered Nurse, Elmhurst Hospital
- 237. Melissa Legg, Director of Quality, Safety and Infection Control, CU School of Medicine
- 238. Sunny G. Hallowell, Associate Professor, Villanova University
- 239. Emilee Duell, RN, BSN, National Clinical Account Manager, Independent
- 240. Catherine Robichaux, PhD, RN, University of Mary; UT Health
- 241. McKenzie Posey, NPD, BonSecours Mercy Health
- 242. Kim Kim, Diabetes Educator, Community Health Center
- 243. Nicole Jones, RN/DON, Intandem
- 244. Emilie Gutierrez, BSN, RN, CMCN Sr. Manager of Clinical Programs, Payer Matrix
- 245. Emily Lindsley, Nurse Practitioner, Ellsworth County Medical Center
- 246. James Wright, Clinical Nurse Consultant in Digital Health, Rauland Australia
- 247. Janet Pizzi, Clinical Nurse Manager, St Elizabeth's Medical Center
- 248. Renee Wynn, Women's Health Nurse Practitioner, Cayaba Care
- 249. Angela Marvin, Nurse Manager, Metrohealth
- 250. Alison Simo, Wellness Education Coordinator, Thrive Alliance
- 251. Tamera Jones, Dr, Western Governors University
- 252. Lynn Barry, VP of Clinical Operations, Intelycare
- 253. Dana Gray, BSN, RN, Allina Health
- 254. Cheryl Green, Off Shift Administrative Manager (Bridgeport Hospital) and DNP Chair- Abilene Christian University, Bridgeport Hospital
- 255. Denise Bell, MPH,RN, American Nurses Association
- 256. Tamaro Hanna, Assistant Professor, Northern Virginia Community College
- 257. Heather Munoz, Director Apheresis Operations, Sana Biotechnology
- 258. Amber Seaberg, Registered Nurse, M Health Fairview
- 259. Jill Messenger, Registered Nurse, Veterans Administration Dayton Medical Center
- 260. Krisztina Nichols, Clinical Nurse Educator, MSN, RN-BC, Spaulding Rehabilitation Hospital
- 261. Eliza Pedersen, Receptionist, JSJ, LLC
- 262. Jamie Babcock, SVP Care Services and Operations, myLaurel
- 263. Tamara Fitter, Public health nurse, Monroe County public health clinic
- 264. Haley Hlela, Manager, Nursing Safety & Quality, Children's Hospital of Philadelphia

- 265. Mary Varghese Presti, Vice President, Microsoft
- 266. Carrie Tilley, Director of Institutional Strategy and Business, Oncology Nursing Society
- 267. Jennifer Woo, Assistant professor, Texas Woman's University
- 268. Paulette Thabault, DNP, APRN-BC Professor Emeritus, Norwich University
- 269. Veronica Gurule, MSN CCRN, AACN
- 270. Sara Hennessy BSN RN CHPN OCN, Safety Culture Program Specialist, Bryan Health
- 271. Josh Baranski, Neurosurgical ICU Nurse, Commonspirit
- 272. Ciara Graves, RN, UCSD Health
- 273. Patricia Short, RN, Independent RN Clinical Consultant
- 274. Christa Blair, RN Clinical Supervisor, Atrium Health
- 275. Jahmelah Pemberton, Academy of Health Professions Magnet Teacher, Baltimore County Public Schools
- 276. Dominique Morton, RN, self
- 277. Kathleen Weatherspoon, DHA, MSN, BSN, Kjweatherspoonllc
- 278. Megan Foytack, RN, Villanova University (former student)
- 279. Anna Gallion, Dnp, Vanderbilt
- 280. Rachel Sheehan, Clinical Advisor, FemBridge
- 281. Jacob Bradley, Registered Nurse, Northwestern Medicine
- 282. Tyler Kelleher, Nursing Informatics Specialist, Akron Children's
- 283. Tracy Jenkins, Pedagogical Assistant Professor, Western Kentucky University
- 284. Josephine Le Master, RN Traige nurse, Triage Logic
- 285. Daria Waszak, Associate Dean, Felician University
- 286. Mary Elizabeth Willis, FNP-C, MD Triage
- 287. Colin Wilson, Clinical Excellence Coordinator Acute Care, Dept of Veterans Affairs
- 288. Gargi Jethva, RN Care Manager, Baylor Scott&White
- 289. Colby Daniels, Registered Nurse-Charge RN, University of Virginia Medical Center
- 290. Ashlee Ramirez, RN Program Manager Addiction Medicine, YesCare
- 291. Lindsay Crossley, Registered Nurse, Newton Health and Human Services
- 292. Anna Boneberg, clinical assistant professoe, Dyouville
- 293. Kendra Folh, Program Director, Women's and Children's Service Line, Memorial Hermann
- 294. Sydney DuBois, Data Analyst, Mobile Heartbeat
- 295. Cynthia Johnston Spradlin, Healthcare Executive Advisor, Consultant Independent
- 296. Megan Daman, APRN, VHA
- 297. Sanjaya Niroula, Registered Nurse, Kaiser Permanente Irvine Medical Center
- 298. Gina-Marie Hopwood, RN, Jackson Health System
- 299. Joshua Littlejohn, Senior Product Manager, Futures and Innovations, Joshua Littlejohn
- 300. Chelsea Cashmore, Registered Nurse, Self

- 301. Maria Olson, RN, University of Vermont medical center
- 302. Shelagh Mulvaney, Associate Professor, Vanderbilt University
- 303. Anita Oppong, MSN, BSc., University of Connecticut
- 304. Mary Joy Garcia-Dia, Immediate Past-President, Philippine Nurses Association of America
- 305. Sherena Samuel, Family Nurse Practitioner/Nurse Educator, N/A
- 306. Eliza Jazinski, Registered Nurse, Cheshire Medical Center
- 307. Paula Grech, RN, Ascension
- 308. Paul VanDyke, RN, UNC Health
- 309. Eboni Dickey, Registered Nurse, Sentara Martha Jefferson Hospital
- 310. Barbara Garbarino, Project Coordinator, Community Resilience (former coalition)
- 311. Francine Lyon, Mrs., Legacy Health
- 312. Ruth Henderson, MSN,RN,CHSE, ECPI
- 313. Angela Becker, Adjunct Faculty, ECPI
- 314. Jenn Felice, Clinical Performance Director, Southeastern Health Partners
- 315. Kristene Daigle, Registered Nurse, UVM Medical Center
- 316. Amy Campbell, Manager Outpatient CDI, Lifepoint
- 317. Tara Burnham, Clinical Associate Professor, University of Vermont
- 318. Martha Bergren, Executive Editor, Journal of School Nursing
- 319. Olga Navarro Martinez, PhD, Universidad de Valencia
- 320. Laura Pappas, Registered Nurse/Nurse Practitioner Student, Healthworks, Inc.
- 321. Susan McGee, RN, Brightstar
- 322. Laura Wyman, CRNP, Geisinger
- 323. Melanie Vargas, Oncology nurse navigator, Sarah Cannon
- 324. Susan Lynch, Director, Penn medicine
- 325. Laura Saba, Rn health educator, Brightstar care
- 326. Susan Richwine, Virtual ICU RN Care Manager, Penn State Health
- 327. Janelle Sarnevitz, Clinical Assistant Professor, University of Vermont
- 328. Jamie Briscoe, Clinical Product Analyst Lead, UPMC
- 329. Heather Matthew, Registered Nurse, Villanova University
- 330. Robin Grebe, Assistant Office Operations, Ascension St. Agnes hospital
- 331. Liz Smith, CRNP, Pennsylvania Psychiatric Institute
- 332. Laura Dixon, Nurse Practitioner, Rush University Medical Center
- 333. Jillian Leikauskas, RN, University of vermont
- 334. Tyler Molleur, Clinical Assistant Professor, University of Vermont
- 335. Ann Struve, ARNP, University of Iowa
- 336. Melissa Fry, Quality/Risk Manager, RN, Ellsworth County Medical Center
- 337. Lynn McComas, DNP, ANP-C/President and CEO, Preceptor Link
- 338. Sue Johnson, Founder & Principal, RN Innovations LLC
- 339. Laura Siwek, RN, Elevance Health
- 340. Deborah Wachtel, DNP, MPH, APRN, Mountain Community Health
- 341. Claire Hast, Manager Professional Development, University of Maryland Medical System

- 342. Rebecca Davis, RN, MSN, St Marys Hospital
- 343. Rebecca Wright, Registered Nurse, Albany Medical Center
- 344. Zachary Swartz, Perioperative Practice Specialist, AORN
- 345. Haley Kovac, Nursing Program Specialist Magnet and Nursing Excellence, UW Health
- 346.Ann Fitzsimons, Nursing Innovation Portfolio Manager & Engagement Specialist, Healthcare Innovation Impact Program (HiiP) University of Michigan School of Nursing
- 347. Becmy Fox, Chief clinical information officer, Intermountain Health
- 348. Lisvel Matos, PhD candidate, Duke University
- 349. Nancy McGrath, Lecturer, UCLA School of Nursing
- 350. Naomi House, Psychiatric Triage Nurse, Akron General Medical Center (Cleveland Clinic) - Akron, OH
- 351. Robin Cogan, school nurse, Camden City School District
- 352. Rebecca Bendlak, Registered Nurse Care Advisor, Evolent
- 353. Lynn Paladino, RN, BS, CCM, CLNC, Paladino Legal Nurse Consulting, LLC
- 354. Susan Garfield, Principal, N/a
- 355. Donna Taylor, Clinical Director, Behavioral Health, Healthfirst
- 356. Mary Rowley, RN, University of Vermont Medical Center
- 357. Marie Julie Boudreau-klymas, Nurse executive, Independent consultant
- 358. Sharon Holden, Nursing Faculty, Trident Technical College
- 359. Megan Cronin, RN Director Care Mamagement, Healthfirst
- 360. Jessie Casida, Executive Director, Professor, and Endowed Chair in Nursing, The University of Arkansas
- 361. Tara Beaird, Nurse Manager, Ventricle Health
- 362. Susan Newman, Assistant Dean, MUSC
- 363. Heather Craven, Nurse Scientist, Medical University of South Carolina Health -Charleston
- 364. Marcelaine Reneau, Assistant Professor, Medical University of South Carolina, College of Nursing
- 365. Margo Kunze, Owner/RN Consultant and CNO of Tru North, AL Consulting, TruNorth Companies
- 366. Cyd Marckmann, DNP, ARNP, MultiCare Health Systems
- 367. Tameka Scott, Director of Learning and Development, Cape Regional Health System
- 368. Katharine Vachon, NP, Primary care plus
- 369. Shannon Martin, Principal Product Manager, Microsoft
- 370. Tami Nielson, Faculty Instructor, Trident Technical College
- 371. Marsha Blount, Nurse Practitioner, MB Consulting Services LLC
- 372. Erin Ginn, Sr. Director of Admissions- Midwest Region, Herzing University
- 373. Sylvia Adzitey, Mrs, Tamale Teaching Hospital
- 374. Elizabeth Harmon, Asst. Professor, Medical University of South Carolina
- 375. uchechi onyeyirim, DNP, FNP-BC, Wilkes University
- 376. Ariel Kamen, Registered Nurse, Penn Medicine

- 377. Anne Marie Durant, Nurse coordinator, New Hanpshire Hospital
- 378. Donna Policastro, Executive Director, ANA-Rhode Island
- 379. Carolyn Ford, MSN RNC p-NIC, ECPI University
- 380. Keitha Beamer, Clinical. Nurse Specialist, Philadelphia VAMC
- 381. Emmanuel Mendy, Nursing Care Coordinator, AHRC-NYC
- 382. Deepa Kurup, Director Quality and Compliance, Center for Transplant, UC San Diego Health
- 383. Cheralyn Johnson, Director of Population Health & Data Quality, Community Technology Cooperative
- 384. Angie Gray, Owner, High Performance Nursing
- 385. Kimberly Lewis, Postdoctoral Scholar, University of California San Francisco
- 386. Emily Nicoli, Principal, Nurse Practitioner, 7 Point Wellness
- 387. Bridget Faricy-Beredo, Nurse Practitioner, Asthma Outreach, Health Partners of Western Ohio
- 388. Brian Julius, Program Manager, NOAA, retired (30+ years Federal Service)
- 389. Rebecca Dunn, RN, University of Rochester Medical Center
- 390. Benjamin Gordon, Adjunct instructor, J sargent reynolds community college
- 391. Melissa McClean, Clinical Instructor, University of Maryland School of Nursing
- 392. Janet Wakefield, RN, Washington Department of Social and Health Services
- 393. Priscilla Akrong, Midwife, Ghana health service
- 394. Jennifer Thietz, MSN, BSN, RN, Nurses Matter
- 395. Angela Houck, DNP, RNC-NIC, PED-BC, TidalHealth Peninsula Regional
- 396. Cindy Golubisky, Lead Informatics & Clinical Content Creator, Medecision
- 397. Hannah Potthoff, RN, Children's of Alabama
- 398. Kelsey Dews, Nurse clinician, Harris Health system
- 399. Andrea Jaramillo, Hospice Nurse
- 400. Mina Cheriki, Professor, Registered Nurse, Mount Saint Mary's University
- 401. Veronica Neef-Cook, Associate Product Manager, Agiliti
- 402. Sanja Matic, Huc, UVA
- 403. Valerie Rosson, Huc, UVA
- 404. Fred Neis, Senior Partner
- 405. Judy Murphy, Nurse Exec & Health IT Leader, Independent
- 406. Elizabeth Enfield, Heart Failure Nurse Navigator, University of Virginia Health
- 407. Anne Brady, RN
- 408. Ericka Lujan, Nurse Case Strategist, Elite Medical Experts
- 409. Angie Curry, Nursing specialist,
- 410. Shruti Naik, Sr. Program Manager, Stanford Healthcare
- 411. Carol Salter, Nursing Shortage Program Manager, Larimer County
- 412. Deanna Bitner, RN, MSN, CNML /Clinical Nursing Director
- 413. Erin Dickerman, Corporate Director, Clinical Informatics
- 414. Kristen Hill, Clinical Nurse Specialist
- 415. Jody Long, Clinical Advisory Director
- 416. Rebekah Humphrey-Sewell, BSN
- 417. Robin Estabrook, RN

- 418. Lisa Lyon, Sr. Clinical Informatics Coordinator
- 419. Rashidah Abdul-Khabeer, PhD, MHS, RN
- 420. Honore Kotler, Director, Advanced Practice, Cedars-Sinai Medical Center
- 421. Laura Clemmons, Health Sciences Disability Coordinator, University of Vermont- Student Accessibility Services
- 422. Kyle Brashear, Director of Clinical Design
- 423. Glynda Rees, Program lead digital health, British Columbia Institute of Technology
- 424. Kitty Yin, Global Nurse Consultant, MN, RN, BScN
- 425. Stacy Slater, RN, BSN Practice Manager
- 426. Lynn Rapsilber, Owner, NP Business Consultants, LLC
- 427. Sharmeen Qureshi, System Infection Prevention Consultant, Children's Health System of Texas
- 428. Elizabeth Moulton, Project Manager, Fred Hutchinson Cancer Center
- 429. Kirsten Kellenberger, RN, UVa Medical Center
- 430. Angela Yencer, Clinical Nurse Specialist, Long Beach Memorial Medical Center
- 431. Elizabeth Wolffis, RN
- 432. Amy Kerr, VP of Recruiting
- 433. Regan Baron, SVP, Client Experience, Netsmart Technologies
- 434. Daniel Lopez, Nurse
- 435. Charlene Draleau, Program Manager Inpatient Student Programs
- 436. Jessica Jordan, Senior Consultant, Continuous Improvement
- 437. Rae Charos, Associate Clinical Director and Associate Professor, University of the Pacific
- 438. Tommi Cline, Chief Nursing and Compliance Officer
- 439. Marie Koffi-Bella, RN
- 440. Lynsi Garvin, Associate Chief Clinical Information Officer
- 441. Suzanne Campbell, Nursing Director, Monument Health Spearfish Hospital
- 442. Heather Hallett, Healthcare Strategy & Innovation Leader
- 443. Sara Lymberis, Student Nurse
- 444. Erica Lyons, Director of Education, DNP, MS, APRN, FNP-BC, Ophelia Medical Group
- 445. Jeanne Kuhn
- 446. Samantha B. RN
- 447. Britney Starr, Oncology Clinical Specialist (RN)
- 448. Velvet Luna, RN
- 449. Marie Ranselle, Faculty, Roxborough School of Nursing
- 450. Halima Walker, Staffing Resource Nurse Manager
- 451. Abby Hess, Nurse Practitioner & Researcher
- 452. Wendy Greene, RN
- 453. Bia Lymberis, BSN
- 454. Remy Bruder, DNP, RN
- 455. Penni Sadlon, PhD RN CHSE
- 456. Michele George, Sr. Performance Improvement Specialist

- 457. Vera Macon, Healthcare IT RN
- 458. Tiffany Trainer, Manager System Clinical Informatics
- 459. Kayleigh Momme, Nurse Manager
- 460. Constance McLaughlin, Director, Health Informatics
- 461. Celeste Knoff, RN, MAN, MBA, CRRN, CNE
- 462. Angela Gordon, RN
- 463. Julie Kawasaki, R.N.
- 464. Jacquelineq Stevenson, RN, University of Virginia
- 465. Jamie Chiveral, Director Nursing Operations
- 466. Amber Nieves, Research Analyst
- 467. Blake Smith, Immediate Past President, American Association for Men in Nursing
- 468. Xochitl Halstead, RN Clinic Manager
- 469. Cathy Yeung, RN, Stanford Healthcare
- 470. Ryan Anderson, Nursing Student
- 471. Susan Birkhoff, Director of Technology Research & Education,
- 472. Jessica Coe Lockhart, Assistant Professor, Certified Nurse Practitioner, Jacksonville State University
- 473. Michelle Adeniyi, LPN
- 474. Tamara Arnzen, APRN
- 475. Lori Rucker, MSN RN PhT SANE
- 476. Maryann Valcourt, Associate Professor, Marymount University
- 477. Lauren Lakus, RN, BSN
- 478. Laura MacDonald, RN
- 479. Vickie Ireland, Assistant Professor of Nursing, University of Maine Augusta
- 480. Edith A Thomas, Educator
- 481. Kathryn Myer, RN, BSN, MSN
- 482. Mary Williamson, Registered Nurse
- 483. Dayna Flores, Director Performance Improvement/Risk Manager
- 484. Tracy Breece, Executive Director Nursing
- 485. Jen Novitski, SAVP provider Market Solutions, EXL
- 486. Jason Kirchick, Nurse Leader
- 487. Jason Kirchick, Staff Nurse, University of Vermont Medical Center
- 488. Sabrina Cook, Director, Content Development
- 489. Hannah Byford, Quality Improvement Team Leader, The Johns Hopkins Hospital
- 490. Crystal Bennett, Dr.
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- 493. Brian Dill, BSN, RN, ABAIM
- 494. Katherine Riley, Senior Vice President, Nursing Excellence
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- 496. Molly Nawrath, RN
- 497. Carrie Thibault, Assistant Director of Nursing

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- 499. Jason Petrishin
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- 501. Bonnie Rutherford, BSN student
- 502. Catie Eberly, LPN
- 503. Jennifer Horn, Senior Director Clinical apps and informatics
- 504. Karen Adkison, RN CCM
- 505. Odalys Cruz-Martin, RN
- 506. Renee Derington, RN Case Management UR Team Lead, Houston Methodist Willowbrook Hospital
- 507. Susan Hartman, Senior Editor, Wolters Kluwer
- 508. Misty Reeves, RN
- 509. Michael Hopkins, CEO/Founder
- 510. Shannon Bott, RN BSN CCRN
- 511. Gloria Chan, DNP, CRNA, FAAN
- 512. Colleen Hendry, Founder, Virtual Run Co
- 513. Amanda Cody, RN
- 514. Renee Hammond, Nursing Professional Development Practitioner
- 515. Kirsten Willis, Student, Vanderbilt University
- 516. Ross Polonetsky, RN
- 517. Ann Harrington, Executive Director, NY Organization for Nursing Leadership
- 518. Ella Cullen, RM
- 519. Liezl Meyer, RN
- 520. Martha Leahy, Retired
- 521. Maggie Taylor, Registered Nurse, CCM
- 522. Joyce Dev, RN
- 523. Marcia Gardner, Dean, The Barbara H. Hagan School of Nursing and Health Sciences, Molloy University
- 524. Chris Caulfield, Co-founder & Registered Nurse, IntelyCare
- 525. Amy Clough, MSN, RN, HN-BC, HWNC-BC
- 526. Gwendilyn Love, BSN, RN
- 527. Wendy Andrews
- 528. Christopher Martone
- 529. Catherine Stokes
- 530. Odalys Cruz-Martin, RN
- 531. Eileen Krach, Healthcare Specialist Managerv
- 532. Kelley Rieger, APRN
- 533. David Miller, Registered Nurse
- 534. Cheryl Denison, Clinical Integration Director
- 535. Karen Friedberg, Professor Emeritus Nursing
- 536. Ruth Neese, Dr.
- 537. Kathleen Malouf, MSN, BS, RN, PED-BC
- 538. Danielle OToole, RN
- 539. Howard Morris-Sandau, MSN-Ed, BS, RN, NY SAFE

- 540. Christopher Henderson
- 541. Samantha Lineberry, RN Product Manager
- 542. Victoria Ribal, Administrator on Duty
- 543. Amber Lusk, RN
- 544. JoAnn Jackson, RN, BSN
- 545. Michelle Redding, Registered Nurse
- 546. Anita Olbek-Tooker, RN, CCRN, CPAN
- 547. Jung Hoon Son, MD
- 548. Deanna Moore, RN
- 549. Teresa Yabrough, BSN RN, CLNC
- 550. Mary Ann Donohue-Ryan, Adjunct Faculty
- 551. Lynn Barry, VP of Clinical Operations
- 552. Heather Schwinn, MSN RN Supervisor Case Management
- 553. Tracy Thorley, RN BSN OCN
- 554. Carmen Long, RN, IBCLC
- 555. Sarah Duggins, MSN, RN, CCTC
- 556. Melanie Coffman, Registered Nurse
- 557. Kristin Leonard, Registered Nurse
- 558. Patricia Donovan, Child Advocate
- 559. Susan Pasley, Chief Nursing Officer
- 560. Karen Osgood, Registered Nurse
- 561. Minnie Raju, Nurse Consultant- Supervisory
- 562. Jenifer Merrill
- 563. Patricia Grimes, MSN, RN
- 564. Nicole Hazelton, Registered Nurse
- 565. Gwen Breed, MT (ASCP), RN (MSN)
- 566. Allison taylor, RN, California Department of State Hospitals
- 567. Mary Alice Westman, RN, MSN, Charlotte University
- 568. Teresa Niblett, Nurse, Informatics Nurse Specialist, Adjunct Professor
- 569. Carole Mayes, PhD, RN, NPD-BC, CNOR
- 570. Kim Bourdages, RN
- 571. Candace Becker, APRN
- 572. Zainab Jimada, DR
- 573. Sara Hubbell, Clinical Associate Professor
- 574. Kathy Oliphant, Assistant Professor, University of Cincinnati
- 575. Tanya Theiler, RN
- 576. Joan Talley, RN (retired)
- 577. Britany Winston, AGACNP
- 578. Angela Laisure, RN
- 579. Heather Purvis, Director of Clinical Operations
- 580. Robin Hess, BSN, RN
- 581. Michelle Scully, MSN, RN, PHN
- 582. Donna Cardillo, The Inspiration Nurse, DonnaCardillo.com
- 583. Alissa Wong, Nurse practitioner

- 584. Christina Costello, Nurse. Leader. Educator
- 585. Kristine Morris, PhD, RN, CNE
- 586. Zackery Cooper, Executive Director
- 587. Valerie Crawford, APRN
- 588. Megan Hurst, Registered Nurse
- 589. Carolyn Jupillat, BSN, RN
- 590. Maria Houston, APRN
- 591. Michele Blue
- 592. Joyce Shea, Professor Emeritus
- 593. Anita Ledoux, RN
- 594. Jennifer Neisler, BSN RN
- 595. Carla Crider, Associate Professor, Carla Crider
- 596. Ada Anie, RN
- 597. Sarah Ellis, RN
- 598. Jen Padilla, Consultant
- 599. Linda Kirk, RN BSN
- 600. Lynnette Beck, RN
- 601. Emily Rennecker, Registered Nurse
- 602. Carolyn Walker, MS, MSN, LPC, RN
- 603. Sheila Duff Duff, Clinical Coordinator
- 604. Wendi Segulin, RN
- 605. Rebecca Hoden, Adjunct Faculty and DNP Advisor
- 606. Kenyon Morris, Simulation RN Coordinator
- 607. Jessica Granger, Assistant Professor of Nursing, BSN Program Director
- 608. Maria Hermosillo, BSN RN
- 609. Jamie Mercado, RN
- 610. Alisha Venters Venters, DNP, RN, MSN-Ed
- 611. Rachel Wholihan, RN
- 612. Kerry Martin, RN, CHC
- 613. Lydel Wright, Nurse Executive
- 614. Jennifer Wasilauskas, RN
- 615. Rebecca McGaughy, RN
- 616. Lynn Mertz, Sr advisor
- 617. Kathleen Lawrence, CNS/CWOCN
- 618. Marla Barthen, Registered Nurse
- 619. Sandy Arena, Graduate Student
- 620. Quynh Nguyen, RN
- 621. Rebecca Hawkins, DNP, MSN-MBA/HCA, RN
- 622. Milagros ELIA, Nurse Practitioner
- 623. Davida K Murphy Smith, Asset Faculty, Chamberlain College of Nursing
- 624. Berni Doyle, Dr.
- 625. Usha Menon, Dean and Senior Associate Vice President
- 626. Debby Hill, RN
- 627. Doreen Steiner, RN

- 628. Lydia Scarborough, Registered Nurse, BSN
- 629. Brenda Lopez
- 630. Hiyam Nadel, Director
- 631. Awnetria Rahming, Registered Nurse
- 632. Kim Daly, Regional Medical Director, Merck
- 633. William Matthews, RN, CNOR, RNFA
- 634. Melissa Quaid, Manager Ambulatory Clinical Programs, UCSF BCH Oakland
- 635. Holly Shaw, PhD, RN, HShawAssociates
- 636. Kashina Whitemore, LPN
- 637. Rhonda Anderson, Healthcare Consultant
- 638. Cheryl Williams, Professor of Nursing
- 639. Kimberly Taylor, BSN, RN, Senior IT Manager, Strategic Initiatives, ChristianaCare
- 640. Theresa McVey, MSN, RN, MEDSURG-BC, NPD-BC
- 641. Theresa Izwylde, Research Nurse Coordinator, BSN, RN
- 642. Penny Rathmanner, RN BSN CAPA NI-BC
- 643. Carolyn Gutzmirtl, Nursing Professional Development Specialist, ChristianaCare
- 644. Colleen Robichaux, Nurse Practitioner
- 645. Carmela Daniello, Executive Director
- 646. Liz Weissman, RN, MSN
- 647. Virginia Capasso, Advanced Practice Nurse/Nurse Scientist, Massachusetts General Hospital
- 648. Victoria Taylor, RN-BSN
- 649. Nancy Nager, retired
- 650. Nancy Bourg, CCO, HWL
- 651. Mark Kestner, Strategic Clinical Advisor
- 652. Deitra Scott, Social Science Analyst
- 653. Cathy Ronca, Associate Managing Director, Lincoln Healthcare Leadership
- 654. Marla Weston, PhD, RN
- 655. Barbara Mackoff, Principal The Leadership Laboratory, The leadership Laboratory
- 656. Amanda Ford, RN student
- 657. Kim Pope, LPN
- 658. Kellie Van Cauteren, LPN
- 659. Talent Mhlanga, Nursing
- 660. Mirella suarez, Medical Assistant
- 661. Audrey Przybylski, CST, Nursing student, Oregon Health and Science University
- 662. Roy Welker, M.D., Pronexus Consulting
- 663. Amanda Choflet, Dean
- 664. Lauren Watson, Assistant Nurse Manager
- 665. Geoffry Shertzer, Nurse Manager
- 666. Shawn Harrell, Cofounder/Owner, Navi Nurses
- 667. Thin Malatesta, Assistant Professor
- 668. Mary Heinzl, RN, Associate Prof of Nursing, North Shore Community College

- 669. Kiley Medeiros, Program Director Associate Professor
- 670. Amy Rose Taylor, Nurse
- 671. Patricia Munger, Program Director Practical Nursing
- 672. Paula Haddad, MSN RN
- 673. Geoffrey Roche, Director, Workforce Development
- 674. Chau Nguyen, Nurse Educator
- 675. Jane Jeppson, Head of Clinical Operations
- 676. Bianca Dozi, Registered Nurse
- 677. Kathleen McGrow, CNIO, Micro
- 678. Janis Tuxbury, Adjunct faculty
- 679. Tory Cenaj, CEO, Partners in Digital Health
- 680. Kenneth Dion, RN, PhD
- 681. Darlene Noret, Assistant Provost Health Sciences,
- 682. Man Truong, BSN, RN
- 683. Julie Vitko, RN Senior Director of Quality & Patient Safety
- 684. Ann Brown, DNP RN CPN
- 685. Jessica Ambroise, Registered Nurse
- 686. Ashley Carter, MSN, RN, AMB-BC, CNEcl, MSN Student
- 687. Kristen Mathieu Gonzalez, Assistant Professor
- 688. Lynne Johnston, MSN, RN
- 689. Marty McNaughton, Student Nurse
- 690. Kerry Flynn Barrett, Founder & CEO, Flynn Barrett Consulting, LLC
- 691. Jaimee Watts Isley, UNC Health
- 692. Zia Zaidi, Nurse Practitioner,
- 693. Staci England, RN
- 694. Anne Copeland, Marketing Director, Cardinal Health
- 695. Anita Karra, RN
- 696. Jason Duprat, Founder & CEO, Healthcare Boss Academy
- 697. Bryan Hoffman, Chief Operating Officer, Organization for Associate Degree Nursing (OADN)
- 698. Ebony Toussaint, MEPN Student Nurse, University of South Carolina
- 699. Adrienne Starck, Parent, Villanova University
- 700. Robert Atkins, Executive Vice Dean, Professor, Johns Hopkins University School of Nursing
- 701. Shannon Lunn, Clinical Research Coordinator Nurse, University of Minnesota
- 702. Neelam Shaikh, Student, Villanova University
- 703. Patricia Davidson, Vice Chancellor and President, University of Wollongong
- 704. Brenda Molina, Licensed Practical Nurse, Passaic County Community College
- 705. Marvie Paez, Registered nurse, CUNY SPS
- 706. Hajira Gul, Ms, College of nursing Mianwali
- 707. Luciana Goncalves, Professor and Researcher, Federal University of Parana
- 708. Ruxandra Simona Parvulescu-Codrea, Director of Nursing, Southeastern College
- 709. Janet Brasfield, RN Faculty, ecpi University

- 710. Ernie Rushing, Associate Dean of Enrollment, Alumni and Student Affairs, Vanderbilt School of Nursing
- 711. Angela Johnson, Adjunct faculty, ECPI
- 712. Rebecca Hoden, Adjunct Professor of Nursing, Los Medanos College
- 713.tera adams, RN, BSN, ECPI University
- 714. Hannah Robidoux, Assistant Professor, Medical University of South Carolina College of Nursing
- 715. Amy Gulledge, Assistant Professor, Medical University of South Carolina
- 716. Cathryn Cuizon, Nurse Practitioner, Medical University of South Carolina
- 717. Grace Sasso, Full Professor, UFSC
- 718. Leigh Panek, Dr., Medical university of SC
- 719. Bette Bogdan, Nursing Chair, American College of Education
- 720. Grace Sasso, Full Professor, UFSC
- 721. Susan Scollins, DNP, RN,
- 722. Danielle Cloud, Nursing student, University of Virginia
- 723. Daniel Stifanos, Nursing Student, San Antonio College
- 724. Eileen Fry-Bowers, Dean and Professor, University of San Francisco School of Nursing and Health Professions
- 725. Karen Mack, Executive Director, Nurses Improving Care for Healthsystem Elder (NICHE) | NYU Meyers
- 726. Ellen Kawasaki, Graduate Student, University of Vermont
- 727. Dr. Billie Burry, Department of Nursing Chairperson/Chief Nursing Administrator, Kings College
- 728. Kelly Eastwood, nursing faculty,
- 729. Joaquin Casas Bordas, Nursing students, Sumner College
- 730. Dianne Kandt, Professor of Nursing, Central Arizona College
- 731. Sylvia Wood, PhD Program Director, Clinical Associate Professor, Stony Brook University School of Nursing
- 732. Billy Caceres, Assistant Professor, Columbia University
- 733. Alanna Kavanaugh, Assistant Dean of Graduate Nursing
- 734. Deborah Mitchum, Professor, Chair Graduate Nursing Department, Carlow University
- 735. Mary Ann Carissa Oledan, RN,
- 736. KimYon Lewis, Doctorate of Nursing Practice,
- 737. Stacy Lutter, Associate Professor, York College of Pennsylvania
- 738. Shanyn Toulouse, DNP, MEd, RN, NCSN,
- 739. Jenna Davis, Assistant Professor of Nursing, York College of Pennsylvania
- 740. Kelli Masters, Associate Professor of Nursing; Director of ABSN Program, York College of Pennsylvania
- 741. Ernest Houle, Superintendent-Director, Assabet Valley Regional Vocational School District
- 742. Rachael Lattanzio, Assistant Professor of Nursing, York College of Pennsylvania
- 743. Tameeka Flaucher, CMA; RN student, Sumner College; Marquis Co.

- 744. Cameron McCoy, Provost & Chief Academic Officer, Harrisburg University of Science & Technology
- 745. John Nagelschmidt, Director, Practical Nursing, Assabet Valley Regional Tech School Practical Nursing
- 746. Patty Myers, Nursing Lab Coordinator,
- 747. Pamela Harris, nurse educator, Worcester State University
- 748. Amanda Choflet, Dean, Northeastern University
- 749. Beth Schubert BSN RN, CFO, Secure Alliance PS
- 750. Michael Urgel, Founder & CEO, Lumago Professional Services, LLC
- 751. Denise Hammel, President, XcellenceFirst, Inc/Nursing Futures
- 752. Elizabeth Perpetua, Founder/CEO, Empath Health Services LLC
- 753. Toyannette Allen, RN, BSN, MS, Angels Concierge Service
- 754. Tina Loarte-Rodriguez, President and CEO, Latinas In Nursing
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