ABOUT THE VIRTUAL CONFERENCE

The Council for the Advancement of Nursing Science (CANS) is pleased to present the 2020 State of the Science Congress on Nursing Research, a virtual biennial research dissemination conference where nurse researchers from around the world join with recognized scientific experts, funding agencies, and policy makers, to explore emerging scientific discoveries, and to engage in dialogue, which is critical to our profession and to society. This year’s virtual Congress theme is “A 2020 Vision: The Environment’s Impact on Health,” and includes invited keynote speakers and panel sessions, along with individual podium, poster, and symposia sessions.

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Dear Colleagues:

Welcome to the Council for the Advancement of Nursing Science’s (CANS) 2020 State of the Science Congress on Nursing Research. This year’s Congress focuses on the impact of the environment on health and nurse scientists’ contributions to this expanding field. You will have opportunities to learn about cutting edge research from leading nurse scientists and add to the dialogue on health care research, while furthering the advancement of innovative scientific work needed to address our current healthcare challenges. Nursing science is critical in today’s health care environment – innovation and science will continue to advance health care and the public’s health. The Program Committee is proud to present this program of exceptional speakers and timely topics, with the hope that all participants are able to incorporate the content and to think creatively about how our science can respond to the health care challenges that lie ahead.

Some of the highlights of this year’s program include:

- Keynote presentations by Linda A. McCauley, PhD, RN, FAAN, FAOHN, Dean and Professor, Nell Hodgson Woodruff School of Nursing, Emory University and Martha A.Q. Curley, PhD, RN, FAAN, Ruth M. Colket Endowed Chair in Pediatric Nursing, Children’s Hospital of Philadelphia, Professor of Nursing, University of Pennsylvania School of Nursing
- Dialogue and Q&A with the National Institute of Nursing Research (NINR) Director Shannon Zenk, PhD, MPH, RN, FAAN
- Presentations on Environmental Considerations for Nurse Scientists and Conducting Research in the Unpredictable Environment of a Pandemic
- Speakers from NINR, Patient-Centered Outcomes Research Institute, and the Robert Wood Johnson Foundation discussing Funding Research in the Future: Opportunities and Challenges
- Panel sessions featuring presentations by the CANS Special Interest Groups (SIGS)
- 20th Anniversary Celebration and presentations of the Brilliant New Investigator and Outstanding Nurse Scientist Awards
- Symposia of Distinction as well as podium and poster abstract presentations

On behalf of the 2020 State of the Science Program Committee and CANS, we are excited that so many of you are here to expand the boundaries of nursing science and take advantage of all that the State of the Science Congress has to offer. We hope that you enjoy the Congress and are challenged by the science that is presented. We look forward to your comments regarding the foci of future Congresses!

Sincerely,

Nancy S. Redeker
PhD, RN, FAHA, FAAN
CANS National Advisory Council Chair

Robin B. Dail
PhD, RN, FAAN
Program Committee Chair

Nancy S. Redeker
Robin B. Dail
Dear Colleagues:

On behalf of the American Academy of Nursing (Academy), I am pleased to welcome you to the virtual 2020 State of the Science Congress on Nursing Research. As has been true in years past, this year’s Congress will generate interest from the nursing science community at all career stages. A notable difference this year is the format of the Congress – for the first time it will be presented completely on a virtual platform and I am excited for the opportunities this offers for increased engagement locally and globally. As one of the signature initiatives of the Academy, CANS elevates the voice of nurse scientists in setting research agendas that promote better health, wellness, and equity. The open membership structure of CANS provides a national networking opportunity for promoting science that is relevant, rigorous, visible. As the experts in the field, CANS’ recommendations support the Academy’s policy work that ensures access to resources to promote the field more broadly.

This State of the Science program will showcase innovation in research presented by our colleagues in a wide array of areas, focusing on how environments and environmental stressors impact health. I am grateful for the work of the Program Committee Chair, Dr. Robin B. Dail, the entire committee, and CANS NAC Chair, Dr. Nancy S. Redeker, in planning this outstanding program. This event would not be possible without the generous support of our sponsors who have generously contributed during these challenging times.

This year we recognize the 20th Anniversary of CANS at the State of the Science Congress on Nursing Research. It could not be a more fitting year as the globe honors 2020 as the International Year of the Nurse and the Midwife. Core to our discipline is science. The improvements and advances made because of nursing research are profound and CANS has been a dedicated champion of elevating our science – and for that we celebrate! Finally, I’d like to thank each of you for your commitment to science, and bolstering our ability to generate and disseminate nursing knowledge. I hope you enjoy the dynamic presentations and leverage the opportunity to learn, engage, and celebrate during this virtual conference!

Sincerely,

Eileen M. Sullivan-Marx

PhD, RN, FAAN

American Academy of Nursing President
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- Teresa Ward, PhD, RN, FAAN (Abstract Chair)
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- Wendy Henderson, PhD, MSN, CRNP, FAAN (Councilor-at-Large)
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- Kathleen Chavanu Gorman, MSN, RN, FAAN (American Academy of Nursing Board Liaison)
- Janice B. Griffin Agazio, PhD, RN, CRNP, FAANP, FAAN (Sigma Representative)
- Cindy Anderson, PhD, RN, APRN-CNP, ANEF, FAHA, FNAP, FAAN (Midwest Nursing Research Society Representative)
- Yvonne Bryan, PhD (National Institute of Nursing Research Representative)
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### 2020 Conference Sponsors

Thank you to our sponsors for their support in making the CANS 2020 State of the Science Congress on Nursing Research a continued success.

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The 2020 State of the Science Congress on Nursing Research will increase participants’ knowledge of the different ways individuals’ and families’ health and well-being can be influenced or changed by their environment, from the impact of climate change to the implications the environments that we live in have on our daily life, and examines the global, national and local effects of environment on the determinants of health.

There is no conflict of interest for any individual in a position to control or influence the content of this activity. The American Academy of Nursing is accredited as a provider of continuing nursing professional development by the American Nurses Credentialing Center’s Commission on Accreditation.

Learners will be able to incorporate considerations of the environment on both a micro and macro-level within their own research to promote health and well-being of individuals, families, communities, and society.
AGENDA

Thursday, September 17

Please note all times are ET

10:00am – 5:00pm

Virtual Exhibit Hall Open

10:00am – 10:30am

Conference Welcome

• CANS Chair, Nancy S. Redeker, PhD, RN, FAHA, FAAN
• Academy President, Eileen M. Sullivan-Marx, PhD, RN, FAAN
• Academy CEO, Suzanne Miyamoto, PhD, RN, FAAN
• CANS Program Committee Chair, Robin B. Dail, PhD, RN, FAAN

10:30am – 11:45am

Opening Keynote: From Florence to Fossil Fuels: Nursing Has Always Been About Environmental Health

Sponsored by

• Linda A. McCauley, PhD, RN, FAAN, FRCN

Moderator: Robin B. Dail, PhD, RN, FAAN

There is an inextricable link between the environment and health. Environmental factors, at the micro- and macro-level, impact the public’s health in obvious and subtle ways, from air pollution to the microbiome. Where we live and the environments we interact with on a daily basis significantly impacts the overall health of individuals and communities. The COVID-19 pandemic has shown the world how environmental differences drastically contribute to hotspots of infection and death rates, and are exacerbated by various factors such as socio-economic status. Learn from a leading expert in environmental health, and consider the role nurse scientists play in creating a more equitable future and engaging communities to create healthier environments.

12:00pm – 1:15pm

Panel Presentation: Conducting Research in the Unpredictable Environment of a Pandemic

Sponsored by

• Betty Bekemeier, PhD, MPH, RN, FAAN
• Sharron Lee Docherty, PhD, PNP, RN, FAAN
• Rosa Gonzalez-Guarda, PhD, MPH, RN, CPH, FAAN

Moderator: Teresa Ward, PhD, RN, FAAN

In a time when many organizations are conducting business virtually and a large number of universities are not convening in-person, it can seem daunting to continue conducting research and operating labs, especially when the focus is on coronavirus studies. However, community engagement and public health systems provide vital resources to individuals continuing their scientific pursuits. In this panel, distinguished researchers will discuss their experiences in conducting
Panel Presentation: Succeeding in Dynamic Academic Ecosystems as a Midcareer Nurse Scientist

- Wendy Henderson, PhD, MSN, CRNP, FAAN
- Patricia Kinser, PhD, WHNP-BC, RN, FAAN
- AkkeNeel Talsma, PhD, RN, FAAN
- Joachim G. Voss, PhD, RN, ACRN, FAAN
- **Moderator**: Patricia E. Hershberger, PhD, APRN, FNP-BC, FAAN

The objective of this panel discussion is to present real-life experiences from senior and mid-career scientists to stimulate discussion and ideas about sustaining research success in midcareer amid dynamic academic ecosystems. To meet our objective, we will implement a panel discussion with four stellar scientists to (1) present several difficult situations that occurred during midcareer and at first glance, impacted research or research productivity negatively (e.g., unexpected research findings that derailed the research; personal decision regarding the research that backfired; personal issues such as health problems; economic, cultural, or social issues that negatively affected the research); and (2) discuss how these scientists overcame the difficult situation and went on to advance their programs of research.

Panel Presentation: Environmental Considerations for Nurse Scientists

- Wendy Barrington, PhD, MPH
- Cheryl L. Woods Giscombe, PhD, PMHNP, FAAN
- Paule V. Joseph, PhD, MS, FNP-BC, RN, CTN-B
- **Moderator**: Felesia Bowen, PhD, DNP, APRN, FAAN

An often-overlooked variable, the environment and environmental exposures has a myriad of effects on health outcomes. Three distinguished nurse researchers, using their unique lens, will examine the social determinants of health, omics, and other challenges that impact well-being and healthy environments.

Symposia of Distinction sponsored by Columbia University School of Nursing

- **Moderator**: Hudson Santos, PhD, RN

**Hot, Cold, Windy and Dusty: Nursing Research to Address Health Inequities Related to Climate Change**

- Roxana Chicas, Vicki Hertzberg, Abby Mutic, Daniel Smith, Lisa Thompson
Using Biobehavioral and -Omic Methodologies to Assess Environmental Factors Affecting Health
• Sharon Casavant, Jie Chen, Xiaomei Cong, Louise Reagan, Angela Starkweather, Wanli Xu

Social Needs Assessment & Referral Implementation in Routine Ed Care
• Brenda Luther, Shawna Sisler, Andrea Wallace

2:45pm – 4:00pm
Podium Presentation Networking Forum Open
Symposia Presentation Networking Forum Open

4:00pm – 5:30pm
Awards Presentations and 20th Anniversary Virtual Networking Event Sponsored by Nursing

Join us in honoring this year’s award winners for the Brilliant New Investigator and Outstanding Nurse Scientist as well as the 20th Anniversary of the CANS in this engaging virtual celebration! Share your stories about CANS and the importance of nursing research with your fellow attendees, reminisce on our successes through the years, and paint your vision for the future of nursing science.

Friday, September 18

10:00am – 4:30pm
Virtual Exhibit Hall Open

10:00am – 11:00am
Funding Research in the Future: Opportunities and Challenges
• Nancy Wieler Fishman, MPH
• Carly Paterson Khan, PhD, RN, MPH
• Martha Matocha, PhD
• Moderator: Windy Alonso, PhD, RN

During this session learn more about how the current environment and global pandemic are affecting grant and research funding from representatives in the private and public sectors. Understand the opportunities ahead, insights on how the current landscape will shape scientific support, and the focus on translating findings for the public.
Panel Presentation: Who Advances Nursing Science in Practice Settings and How?
- Karen L. Johnson, PhD, RN, FAAN
- Allison A. Norful, PhD, RN, ANP-BC
- Cheryl Westlake, PhD, RN, ACNS-BC, FHFSAN, FAHA, FAAN
- **Moderator**: Mary Fran Tracy, PhD, APRN, CNS, FCNS, FAAN

The aim of this session is to generate awareness and provide a platform for discussion of the expectations, daily practice patterns, and measures of success associated with the nurse scientist role in the health system or clinical practice setting. Real-world experiences from three nurse scientists in the clinical setting or in an academic-practice joint appointment with a directive to advance nursing science in the clinical setting will be presented via a moderated panel discussion. These nurse scientists will: (1) present distinctly varied ways this role has been defined and implemented; (2) describe the opportunities and challenges encountered by nurse scientists in the clinical and academic settings; (3) discuss the value advancing nursing science in the clinical setting has to the profession and to society; and (4) discuss the future of this role in today’s environment.

Panel Presentation: Avoiding the Traps of the Early Career Nurse Scientist
- Nancy Dias, PhD, RN, CNE
- Alyson Hanish, PhD, MSN, RN
- Rachel Pozzar, PhD, RN, FNP-BC
- Ansley Grimes Stanfill, PhD, RN
- **Moderator**: Breanna Hetland, PhD, RN, CCRN-K

The objective of this panel discussion is to engage an early career audience, including students of all levels, post-doctoral trainees, and early career faculty, in a dialogue aimed at identifying some of the common traps encountered by early career academics. This panel of early to mid-career nurse scientists will discuss ways to avoid the traps of early career including imposter syndrome, always saying “yes,” maintaining focus, and work-life management. Each speaker will highlight personal experiences and discuss how they have remained steadfast to their early career trajectory despite these potential “traps.”

NINR Opportunities: A Dialogue with NINR Director Dr. Shannon Zenk
- Shannon N. Zenk, PhD, MPH, RN, FAAN
- **Moderator**: Susan M. Rawl, PhD, RN, FAAHB, FAAN
1:45pm - 3:00pm

**Closing Keynote: Healing the Acute Care Environment; Remedy 2020**

- Martha A.Q. Curley, PhD, RN, FAAN
- **Moderator:** Ronald L. Hickman, Jr., PhD, RN, ACNP-BC, FNAP, FAAN

2020 has been an unprecedented year and nurses have continued to act as beacons of hope, leading through this uncertain future by courageously providing care in the most challenging environments. It is more important than ever to thoughtfully consider the environments that are most conducive to care, healing, and recovery. The configuration of the care setting environment can drastically improve patient outcomes. In this closing keynote session, hear from an expert innovator in critical care as she leads participants to reflect on their own research portfolio while considering environmental aspects such as lights, noise, and continuity of care, that can impact health and healing.

3:00pm - 3:15pm

**Closing Thoughts**

- **CANS Chair, Nancy S. Redeker, PhD, RN, FAHA, FAAN**

3:00pm – 4:30pm

Poster Presentation Networking Forum Open
Dr. McCauley began her appointment as Dean of the Nell Hodgson Woodruff School of Nursing (NHWSN) in 2009. She has since developed a comprehensive strategic plan to position NHWSN at the forefront of nursing research and policy. Under her leadership, the school has risen from its No. 26 ranking in 2011 to its current position as No. 5 in US News and World Report’s “Best Graduate Nursing Schools” guide.

Dean McCauley is a thought leader at the intersection of environmental science and nursing, and an advocate for worker’s rights, occupational health, and environmental protections. Her research, which analyzes the health effects of environmental factors like climate change, draws together several disciplines and utilizes innovative methodologies.

In 2015, she secured the largest NIH research grant in the school’s history—$5 million to develop the Children’s Environmental Health Center at Emory. She is the Co-Chair of the National Academy of Medicine’s Committee on Primary Care and, in 2020, she was accepted onto the EPA’s Children’s Health Protection Advisory Committee (CHPAC).

This year, Dean McCauley was awarded an Honorary Fellowship with the Royal Academy of Nursing. She was inducted into the Sigma Theta Tau International Nursing Hall of Fame in 2016 and is a Fellow of both the American Academy of Nursing and the American Academy of Occupational Health Nurses. Dean McCauley’s research has resulted in more than 165 publications, ongoing consultations, leadership on occupational and environmental advisory panels, and testimony to government oversight bodies. She is a sought-after expert with features across nationally syndicated outlets such as Time, NPR, CNN, The Weather Channel, and Business Week.
Dr. Dail is currently Associate Dean for Faculty Affairs and Professor at University of South Carolina in the College of Nursing. She practiced as a neonatal nurse for 15 years, then as a neonatal nurse practitioner for 15 years before beginning her academic career. Dr. Dail studies thermal stability in premature infants to reduce morbidity and mortality related to hypothermia in this vulnerable population. Dr. Dail’s research has been funded by the National Institute of Health, Robert Wood Johnson Foundation, GE Healthcare as well as other foundations. Dr. Dail is a Robert Wood Johnson Nurse Faculty Scholar (2010-2013) and an Amy V. Cockcroft Leadership fellow (2016-2017) and was inducted into the American Academy of Nursing in 2014. Currently, Dr. Dail has a 5-year study funded by National Institute of Health & National Institute of Nursing Research (1R01NR017872-01A1) to examine body temperature and heart rate as a predictive measure for infection in very preterm infants.

Thursday, September 17

PANEL PRESENTATION: CONDUCTING RESEARCH IN THE UNPREDICTABLE ENVIRONMENT OF A PANDEMIC

Dr. Bekemeier is a Professor at the University of Washington (UW) School of Nursing and Director of the UW School of Public Health’s Northwest Center for Public Health Practice. She is a distinguished public health systems researcher focused on examining and improving the effectiveness of our public health systems and workforce. Her research has been of particular interest in 2020 as the dire need for evidence of public health system effectiveness has become so much more obvious to policy-makers and stakeholders in the wake of COVID-19.

Dr. Bekemeier has led many studies regarding local health department services and their impact on health outcomes and disparities. She is PI of the Public Health Activities and Services Tracking (PHAST) Study, initiated in 2010 and today considered a highly regarded, growing
Dr. Docherty is an Associate Professor at the Duke University School of Nursing and Director of the PhD Program. She has a secondary appointment in the Department of Pediatrics in the Duke School of Medicine and is a Faculty Associate in the Duke Initiative for Science and Society. Her research is aimed at improving outcomes for children, adolescents, young adults, and families undergoing intensive treatment for life-limiting chronic conditions. She studies how to improve care models, symptom management, and decision making from diagnosis through end of life. Dr. Docherty has methodological expertise in the use of qualitative, mixed-methods, trajectory science and visualization methodologies for complex data exploration, and intervention development and testing.

She is currently MPI of the PiCASO study (R01 NR018379-01), a longitudinal, randomized controlled trial of a mobile health peer coaching intervention to allow adolescents and young adults with childhood onset chronic conditions access to knowledge, experience, and instrumental/emotional support from a trained peer coach who has already developed independence. She is also MPI of the PCplanner study (R01 AG058915-01A1) which is testing a transformative approach to delivering scalable personalized ICU-based palliative care for older adults. Dr. Docherty served on the Child Health National Technical Expert Panel for Evaluation of the Children’s Health Insurance Program Reauthorization Act, Quality Demonstration Grant Program, and the Child Health Quality Measures Steering Committee for the National Quality Forum.
Dr. Gonzalez-Guarda is an Associate Professor and the Dorothy L. Powell Term Chair in Nursing at Duke University School of Nursing. She also serves as the Co-Director of the Community Engagement Core for Duke’s Clinical Translational Science Institute. Her research focuses on promoting health equity among Latinx immigrants through understanding and addressing social contributors of health through a syndemic orientation and community engagement strategies. She is currently the principal investigator of a longitudinal study funded by the National Institute on Minority Health and Health Disparities (1 R01 MD012249-01) that will help identify the impact that acculturation stress and resilience have on biobehavioral health outcomes among young adult Latino immigrants over time. Her previous work has helped to elucidate the intersection of substance abuse, violence, HIV, and mental health among Latinx youth and families and served as the basis for culturally-tailored interventions to address these. Dr. Gonzalez-Guarda is committed to building and nurturing the next generation of nurses to promote health equity. She was one of the five nurses who served on the Institute of Medicine Committee that produced the landmark Future of Nursing Report (2010), was appointed by the Secretary of Health and Human Services to serve on the National Advisory Council on Nursing Education and Practice (NACNEP, 2012-2016), and has been the principal investigator of various programs that promote health disparities research careers for underrepresented minority nurses and students from various health professions. Dr. Gonzalez-Guarda is an alumna of the Substance Abuse Mental Health Services Administration Minority Fellowship Program at the American Nurses Association, the Robert Wood Johnson Foundation Nurse Faculty Scholars Program, and is a Fellow of the American Academy of Nursing.

Dr. Ward is currently Professor and Chair of Child, Family & Population Health Nursing, Co-Director of the Center for Innovation in Sleep Self-Management (CISSM), and Affiliate Researcher, Center for Health Innovation and Policy Science at the University of Washington School of Nursing. Dr. Ward’s program of research focuses on the promotion of sleep health, symptom science, health outcomes, and shared management interventions in children with and without chronic conditions (asthma, autism, chronic pain, juvenile arthritis, lupus) and their caregivers. With her team, she studies the effect of sleep deficiency on caregiver-child dyad interactions, symptoms (pain, fatigue, anxiety, depression), health outcomes (quality of life, cognition, healthcare utilization) and health inequities. She and her team have developed web-based interventions that integrate technology and shared management approaches that provide children and their parents with the knowledge and skills to help children sleep better.
Thursday, September 17

PANEL PRESENTATION: SUCCEEDING IN DYNAMIC ACADEMIC ECOSYSTEMS AS A MID-CAREER NURSE SCIENTIST

Dr. Henderson is currently Professor and Director, PhD Program at the University of Connecticut School of Nursing. Dr. Henderson’s research is focused on developing innovations to improve outcomes in patients with acute and chronic gastrointestinal and liver disorders. Specifically, as a principal investigator and collaborator on multiple studies, Dr. Henderson has focused her science on the brain-gut-microbiota axis and chronic effects of stress on intestinal health across the lifespan. She is an inventor and holds multiple patents and licensed technologies. Before joining the University of Connecticut, Dr. Henderson was an Intramural Investigator and Chief of the Digestive Disorder Unit within the National Institute of Nursing Research’s Division of Intramural Research at the National Institutes of Health (NIH). During her tenure, she served as a primary investigator on multiple studies at NIH and developed a sustained Clinical and Translational Postdoctoral Program through which nurses learn personalized care approaches targeting patients’ symptoms. Dr. Henderson earned her BSN, MSN and PhD in Nursing from the University of Pittsburgh, where she was also a Clinical and Translational Science Institute Fellow and completed a Patient Safety Fellowship.

Dr. Kinser is an Associate Professor at the Virginia Commonwealth University (VCU) School of Nursing. She received a bachelor’s from Haverford College, a bachelor’s and master’s degree at VCU, and a PhD at the University of Virginia. Her biobehavioral program of research is focused on mental health in women across the lifespan. The main focus of Dr. Kinser’s work is to examine mechanisms of perinatal depression and non-pharmacologic symptom management strategies for depression and related symptoms. Given that depression is a significant world health problem, projected to be a leading cause of global illness and disability by 2030, and that nearly 20% of pregnant and postpartum women experience depressive and related symptoms, this focus on perinatal depression has a significant impact. Her previous NIH-funded study was one of the first to evaluate the potential effects of a self-management approach involving mindful...
 physical activity for women with chronic perinatal depressive symptoms within a multifaceted biobehavioral context. Her current NIH-funded study is a large-scale multi-site randomized controlled trial of a self-management intervention to prevent and intervene with perinatal depression. Knowledge gained from this line of study could lead to paradigm-shifting strategies for the identification, management, and evaluation of treatment responses of chronic depressive and related symptoms in women. She is also the principal investigator of a study to evaluate the experience of pregnant women during the COVID-19 pandemic, in collaboration with researchers across the globe focused on this important and timely issue. Finally, in collaboration with colleagues in the Southern Nursing Research Society and the Midwest Nursing Research Society, she has been actively engaged in studies that evaluate challenges faced by mid-career nurse scientists and explore methods to support this essential cohort of academe to advance nursing science overall. Dr. Kinser is a Fellow of the American Academy of Nursing and maintains an active clinical practice as a Women’s Health Nurse Practitioner.

Dr. Talsma is Associate Professor of Nursing and Research Investigator in the College of Nursing, University of Wisconsin Milwaukee. Dr. Talsma’s work focuses on implementation science, especially the use of technologies to advance quality and patient outcomes. The current focus is on the maternity-infant population, using a clinical registry to enhance its utilization. Dr. Talsma led a 25 hospital network focusing on quality leading to demonstrated outcomes. The work in the OR currently evaluates missed nursing care and the link with perioperative outcomes and focuses on work environment and culture that impact outcomes. The long-range goal is to understand the nursing-systems factors that contribute to adverse outcomes and complications, leading to the development of system-level interventions or policies that contribute to desirable patient outcomes.

Dr. Talsma received her graduate education at the University of Michigan School of Nursing. She further developed her professional expertise in patient safety through measuring clinical performance and evaluating patient outcomes in a variety of settings.
Dr. Voss is a Professor at Case Western Reserve University at the Frances Payne Bolton School of Nursing. He came to the US as a Fulbright Scholar and received his PhD from UCSF in 2003, followed by a three-year postdoctoral fellowship at the NIH. He spent 9 years at the University of Washington (UW) in Seattle, where he conducted interprofessional bench-to-bedside research and treatment approaches for fatigue and mitochondrial dysfunction in patients with HIV and cancer. His work utilizes both basic and applied methodologies to foster the understanding of underlying mechanisms in fatigue and sleep management of HIV and other chronically ill patients. Since 2008, he has become a recognized leader in global health and holds a joint appointment with the UW Global Health Department as mentor for the Afya Bora Consortium. Dr. Voss’ educational interests focus on the implementation of evidence-based practice and the understanding of big data. He has taught in the undergraduate and graduate programs related to medical-surgical topics, research methods, and philosophy. He has been a mentor to more than 30 interprofessional graduate and undergraduate students in nursing, public health, global health, and bioengineering, many of which have been published in peer-reviewed journals and presented at national and international conferences. He is interested in leadership training of healthcare professionals to meet the challenges of the 21st century including writing, communication, and leadership. His teaching philosophy is that all students should at the end of their education become a mentor and hold a position in which they impact patient care, research, education and service, and become an active member of the profession.

Dr. Hershberger is an Associate Professor of Nursing and an Affiliate Professor of Medicine at the University of Illinois at Chicago. She leads a stellar multidisciplinary research team that is improving the health and healthcare of infertile patients and contemporary families including those who use and interface with 3rd party reproduction and advanced repro-genetic biotechnologies. As principal investigator Dr. Hershberger’s innovative research has been funded by private and federal sources, for example, the National Institute of Nursing Research; the National Institute of Child Health and Human Development; the Association of Women’s Health, Obstetric and Neonatal Nurses; Sigma Theta Tau, International; and the International
Society of Nurses in Genetics. Findings from her research are shaping clinical practice, driving nurse-led decision-support tools, and informing national and international health policies in assisted reproduction. Dr. Hershberger is a Fellow in the American Academy of Nursing and the Institute of Medicine Chicago. She is the recipient of numerous awards including the 2013 National Award of Excellence in Research from the Association of Women’s Health, Obstetric and Neonatal Nurses; the 2005 and 2014 Prize Paper of the Year from the American Society for Reproductive Medicine’s Nurses Professional Group; and appointment as the 2019 Distinguished Visiting Scholar at Seoul National University, Seoul, South Korea.

Dr. Hershberger’s humble background as a first-generation high school graduate and cancer survivor serves as a unique backdrop to her commitment to advancing the scientific careers of early- and mid-career nurse scientists. Currently, Dr. Hershberger is serving as the inaugural Chair of the CANS Mid-Career Special Interest Group. Her leadership as Chair follows the successful launch of the Midwest Nursing Research Society’s Mid-Career Network and research team where Dr. Hershberger partnered with other leaders to implement programs and study how organizations and institutions can better support mid-career scientists.

Thursday, September 17

PANEL PRESENTATION: ENVIRONMENTAL CONSIDERATIONS FOR NURSE SCIENTISTS

Dr. Barrington is an Associate Professor with a joint appointment in the Department of Child, Family, and Population Health Nursing in the School of Nursing and the Department of Epidemiology in the School of Public Health at the University of Washington. She obtained her BS in Earth Systems from Stanford University, her MPH in Epidemiology from the University of New Mexico, and her PhD in Epidemiology from the University of Washington. She is an instructor of public health and healthcare practitioners and a health disparities researcher; her work falls within two main schema: promoting healthy communities and addressing racial disparities in clinical outcomes. She applies community-based participatory research principles to engage marginalized communities in health promotion and also works with health systems to transform policies and practices to address racial disparities in health services outcomes including cancer screening.

Dr. Barrington is an emerging national public health leader through her work with two CDC administered cancer screening programs, the NCI and CDC funded Cancer Prevention and
Control Research Network (CPCRN), cross-institutional collaborations as part of the Women’s Health Initiative (WHI), and her recent appointment as a board member of the Intercultural Cancer Council. She partners closely with local communities to co-design solutions to cancer disparities and has been recognized for this work by the Seattle Section of the National Council for Negro Women.

Dr. Giscombe is the Melissa and Harry LeVine Family Professor of Quality of Life, Health Promotion, and Wellness at the University of North Carolina School of Nursing. Her research incorporates sociohistorical and biopsychosocial perspectives to investigate how stress and coping strategies contribute to stress-related psychological and physical health outcomes and disparities. Dr. Giscombe integrates mind-body and contemplative practice interventions in her research, including mindfulness, arts, and humanities. She developed the Superwoman Schema Conceptual Framework and the Giscombe Superwoman Schema Questionnaire, which are used to investigate the culturally-nuanced experiences of stress, coping, and health among African American women and other diverse groups. Dr. Giscombe also leads the LeVine Wellness Program at the UNC Chapel Hill School of Nursing to promote quality of life, self-care, and wellness among nurses.

Dr. Giscombe is dually trained in nursing and psychology. She completed a BA in psychology from North Carolina Central University and a BSN from Stony Brook University in New York. She earned MA and PhD degrees in social and health psychology from Stony Brook University and an MSN from the psychiatric-mental health nurse practitioner/clinical nurse specialist program at the University of North Carolina at Chapel Hill. Dr. Giscombe completed certification in holistic health from the Institute of Integrative Nutrition in Manhattan, New York. In addition, she completed postdoctoral training at UNC Chapel Hill (NIH/NINR T32 and the Substance Abuse and Mental Health Services Administration Minority Fellowship Program in collaboration with the American Nurses Association). Dr. Giscombe was selected as a “Leader in the Field” by the American Psychological Association when she was awarded the Carolyn Payton Early Career Award. She is co-author of the American Psychological Association’s groundbreaking “Stress and Health Disparities” report.

Dr. Giscombe is an Inaugural Fellow/Design Partner for the Harvard Macy Institute’s Art Museum-Based Health Professions Education Fellowship. She developed the Interprofessional Leadership Institute for Behavioral Health Equity as a Josiah Macy, Jr. Foundation Macy Faculty Scholar. She co-directs two distinct, HRSA-funded behavioral health integration projects. One focuses on educating nursing and social work graduate students to resolve behavioral health inequities in underserved healthcare settings. The other project involves a collaboration with a large federally qualified healthcare system to address Quadruple Aim priorities. Dr. Giscombe
Dr. Joseph is the Lasker Clinical Research Scholar Tenure Track Clinical Investigator and Chief of the Sensory Science and Metabolism Unit (SenSMet) in the NINR Division of Intramural Research. Dr. Joseph is conducting pre-clinical, clinical, and translational studies to improve the diagnosis, prevention, and management of chemosensory disorders and symptoms — in chronic conditions such as obesity and type 2 diabetes — by examining the role that smell and taste play in those conditions. She is also exploring how the neurological mechanisms underlying taste and smell might be different in individuals with alcohol and substance use disorders. Dr. Joseph’s laboratory is leading research that is aimed at enhancing the understanding of molecular, cellular, neural, and behavioral mechanisms underlying symptoms to identify new targets for treatment and improve symptom management strategies. Dr. Joseph brings a unique and necessary perspective to the study of chemosensation (taste, smell & chemesthesis alterations) by incorporating both clinical and bench science approaches.

After earning her PhD in Nursing with a focus in Genomics from the University of Pennsylvania and conducting her research at The Monell Chemical Senses Center, Dr. Joseph completed a Workforce Diversity Postdoctoral Fellowship at the NINR, in the laboratory of Dr. Wendy Henderson. Her postdoctoral research focused on combining clinical and basic research in a single research program by examining the brain-gut interactions related to gastrointestinal disorders (i.e., obesity and diabetes). In 2017, she was appointed as Assistant Clinical Investigator and Chief of the Sensory Science and Metabolism Unit (SenSMet) in the NINR Division of Intramural Research. Dr. Joseph has a Master’s of Science as a Family Nurse Practitioner from Pace University, an AAS in Nursing at Hostos Community College, and a BSN from the College of New Rochelle. She is also a certified nurse practitioner.
Dr. Felesia Bowen is a nurse scientist and Associate Professor at the Medical University of South Carolina College of Nursing where she is the Assistant Dean for Undergraduate Programs. Dr. Bowen earned her BSN from Tuskegee University, MS from Rutgers University, PhD from Columbia University and DNP from Fairleigh Dickinson University.

Dr. Bowen began her nursing career as an Army Nurse where she served on active duty, the army reserves and NJ National Guard units for 15 years. She is a veteran of the First Persian Gulf War, Operation Desert Shield, and Desert Storm. During her tenure in the military she held several nurse leadership positions and earned several military honors and awards for her service during peacetime and war. After departing active duty, Dr. Bowen pursued an advanced degree in nursing.

Dr. Bowen is a nationally certified pediatric nurse practitioner and maintains an active clinical practice. Her expertise in pediatric asthma and health equity is nationally recognized. She served two consecutive terms on the National Academies of Engineering, Science and Medicine (formerly Institute of Medicine) Forum on Children’s Wellbeing. Dr. Bowen was inducted as a Fellow of the American Academy of Nursing in 2019 in recognition of her impact on children’s health. Her research focuses on pediatric asthma, trauma, and health equity and health disparities. Her current research involves chronic stress and asthma symptoms and severity in children.
Ms. Fishman is a Senior Program Officer in the Research, Evaluation and Learning Unit at the Robert Wood Johnson Foundation. Her portfolio of evaluation/research grants reflects her long tenure at the Foundation and covers a wide range of topics reflecting the Foundation’s mission to build a Culture of Health. Her current work focuses on studying effective policies and programs that impact the integration of health systems, and community services working towards healthier communities. In addition, Ms. Fishman works on the Foundation’s change leadership programs and is program officer for a leadership program that supports teams of researchers and community members to produce relevant, action-oriented research to impact health equity and wellbeing at the community level. Prior to joining the Foundation, she worked as a research specialist at the University of Pittsburgh, Graduate School of Public Health. During her time in Pittsburgh, she worked as program director for community outreach, education and research project on cancer screening, and as project coordinator on several NIH-funded registries and clinical trials in the area of cardiovascular research. Ms. Fishman’s favorite nursing position was as a visiting nurse in the Boston metropolitan area. Ms. Fishman holds an MPH in epidemiology from the University of Massachusetts, Amherst, and a BS in nursing from the University of Connecticut.

Dr. Khan is a Program Officer in the Healthcare Delivery and Disparities program at the Patient-Centered Outcomes Research Institute (PCORI). In this role, she manages a portfolio of research studies on and contributes to PCORI’s research initiatives related to palliative care, cancer, caregiving, chronic conditions, and rare diseases.
Dr. Matocha is the Acting Deputy Director of the Division of Extramural Science Programs and leads the Symptom Science and Genetics and Self-Management Branch within the National Institute for Nursing Research. Dr. Matocha's research background includes work on the post-translational processing of mitochondrial cytochrome P-450 proteins and differential gene expression in a mouse model of trisomy 21. She served 13 years as Principal Investigator of the NIH-funded AIDS Research and Reference Reagent Program, a resource that acquires, develops, and ships critical research reagents to investigators around the world. Dr. Matocha has also served as a Policy Analyst for NIH with responsibilities related to the Government Performance and Results Act; NIAID Program Officer with oversight of HIV/AIDS clinical trials; and NIH Scientific Review Officer for managing reviews of research infrastructure and translational science applications. Dr. Matocha holds BS (nursing), MS (biochemistry), and PhD (biochemistry) degrees.

Dr. Alonso is an Assistant Professor in the College of Nursing - Omaha Division at the University of Nebraska Medical Center (UNMC). Dr. Alonso received her associate’s degree in nursing from Northampton Community College, Bethlehem, PA, and completed her BSN at DeSales University, Center Valley, PA. She was awarded an MS and PhD (2017) in Nursing from the Pennsylvania State University College of Nursing. Dr. Alonso worked clinically as a nursing assistant on a cardiac step-down and as a staff nurse in neonatal intensive care. She is building a program of research focused on understanding, managing, and improving the global symptom experience of individuals with heart failure. Dr. Alonso has developed a multifaceted approach that includes two overarching areas: heart failure symptom science and intervention development to improve symptoms.

Dr. Alonso has received grant funding from the National Institute of Nursing Research (F31NR016895), Heart Failure Society of America, Rural Nurse Organization, the UNMC Center for Patient, Family, and Community Engagement in Chronic Care Management, and the Midwest Nursing Research Society to support her work. She was named a National Rural Health Association Rural Health Fellow and honored as a Nebraska Action Coalition 40 under 40 Emerging Nurse Leader in 2018. Dr. Alonso serves the Council for the Advancement of Nursing Science as the Chair of the Early Career Special Interest Group and a member of the Program Committee. She is actively involved as a member of the American Heart Association Council on Cardiovascular and Stroke Nursing as the Editor of the CVSN Connections. Dr. Alonso also currently serves as a member of the Heart Failure Society of America Nursing Committee.
Dr. Johnson serves as the Director of Nursing Research at Banner Healthcare System. Dr. Johnson’s contributions to acute and critical care nursing have been sustained over decades as an educator, clinician, researcher, and as a board member of the American Association of Critical Care Nurses. She has held faculty positions and joint appointments at the University of Kentucky, University of Arizona, and the University of Maryland. As an educator, she shaped the curricula for baccalaureate and graduate critical care nursing education. She has co-authored chapters in several leading critical care textbooks and co-edited several editions of an acute and critical care textbook used globally in nursing education. As clinician and researcher, she has led and mentored hundreds of nurses in conducting nursing research and evidence-based projects that have transformed nursing practice for acute and critically ill patients and families. She has received awards for her contributions to practice from the American Association of Critical Care Nurses, Society of Critical Care Medicine, and the American Association of PeriAnesthesia Nurses. As a prolific author and speaker, she has disseminated compelling outcomes nationally and internationally through publications and presentations. Dr. Johnson received her BSN from Niagara University, MSN from the University of Rochester, and PhD from the University of Kentucky.

Dr. Norful is a health services researcher whose program focuses on interdisciplinary care delivery models, provider co-management, teamwork, and clinician burnout. Over the past two decades, Dr. Norful has held several clinical, administrative, and academic positions. She is currently jointly appointed as an Assistant Professor/Nurse Scientist at Columbia University School of Nursing and New York Presbyterian Hospital. Dr. Norful is a Fellow in the New York Academy of Medicine and serves on the advisory board for AcademyHealth’s Interdisciplinary Research Group on Nursing Issues. She developed the Provider Co-Management Index, a novel instrument that validly scales how well two clinicians co-manage the same patient. The instrument is currently being used by several global research and clinical organizations.
Cheryl Westlake
PhD, RN, ACNS-BC, FHFA, FAHA, FAAN

Dr. Westlake earned her BSN with a Critical Care specialization at CSULA and MN (cardiopulmonary clinical nurse specialist)/PhD at UCLA. She was a pre-doctoral fellow in quality-of-life and a post-doctoral fellow in exercise and heart-failure at UCLA. Dr. Westlake has nearly 40 years of experience in cardiac nursing as a critical care nurse and clinical nurse specialist. She has worked in the in- and out-patient settings at large county facilities, with the UCLA heart transplant team, and in community hospitals. For more than 20 years, Dr. Westlake has been a principal/co-principal investigator for interdisciplinary research studies on determinants (health literacy, learning style, self-care, spirituality) of heart-failure patient outcomes (quality of life, unplanned rehospitalizations, emergency department, and out-patient clinic visits and mortality). She has more than 120 papers/presentations at local, state, national, and international conferences. Dr. Westlake serves as an American Heart Association, Heart Failure Society of America, American Association of Heart Failure Nurses, California Association of Clinical Nurse Specialists, and National Association of Clinical Nurse Specialists member. Previously, she served as a member of the Heart Failure Society of America Guidelines Committee as the only nurse on the American College of Cardiology/American Heart Association/Heart Failure Society of America heart-failure guidelines writing committee. She was recently honored in the inaugural class of fellows in the Heart Failure Society of America and as a Fellow in the American Heart Association. Currently, she is a co-chair of the Heart Failure Society of America Scientific Sessions Planning Committee and Chairs the Research Committee for the California Association of Clinical Nurse Specialists. Dr. Westlake was a Fulbright Scholar to Ecuador at the Universidad de San Francisco, Quito Schools of Medicine and Public Health. She conducted a research study of cardiovascular risk factors, health literacy, healthy heart behaviors knowledge, and barriers to/use of healthy heart behaviors and community resources in community-dwelling adults with stage A/B heart failure. Dr. Westlake continues to lead student research groups to Ecuador.

Mary Fran Tracy
PhD, APRN, CNS, FCNS, FAAN

Dr. Tracy received her BSN from the University of Iowa, and her Masters and PhD in Nursing with a Minor in Social and Administrative Pharmacy from the University of Minnesota. She currently holds the position of an Associate Professor at the University of Minnesota, School of Nursing as well as an Adjunct Assistant Professor at the School of Medicine, University of Minnesota, Minneapolis. Dr. Tracy has been the PI or co-PI on eight major funded research
projects primarily related to symptom management including patient-controlled sedation in mechanically ventilated patients and a national survey of critical care nurses’ attitudes towards and use of complementary therapies. This survey has been utilized by researchers in more than 15 countries. Dr. Tracy has published numerous papers and book chapters. She currently serves as the Editor-in-Chief of the AACN Advanced Critical Care journal. Dr. Tracy is a Past President of the American Association of Critical-Care Nurses and is a Fellow in the National Association of Clinical Nurse Specialists. Since 2004, she has been a Fellow in the American Academy of Nursing and is a past Chair of the Academy’s Acute and Critical Care Expert Panel.

Friday, September 18

PANEL PRESENTATION: AVOIDING THE TRAPS OF THE EARLY CAREER NURSE SCIENTIST

Nancy Dias
PhD, RN, CNE

Dr. Dias completed her PhD at Duke University School of Nursing, which has provided her with a variety of learning experiences that have helped develop research skills, leadership qualities, and equipped her with strategies to step into the next phase of her nursing career. She has developed expertise in designing mixed-methods research and has gained experience in specific research skills such as recruitment, data collection, data management, data analysis, and also data dissemination. As a researcher, she has a niche for a very significant and innovative aspect of pediatric care services that includes parent caregiver health concerns, bereavement processes, and health outcomes. For most parents, there is no imaginable event more devastating than the death of their child. This kind of loss has profound consequences for bereaved parents, including higher morbidity and mortality rates. Dr. Dias has developed and is pilot testing a web-based intervention for bereaved parents. She strives to lay the foundations to develop a body of research that can make innovative and significant contributions in pediatric palliative, end of life care, and bereavement care to develop and test interventions to improve health outcomes for parents and their families.

Her previous work experience in nursing includes both experiences in the United States and internationally (India and Oman). This has provided her with an understanding of cultural differences among individuals. Dr. Dias has nursing experience caring for adults and children in medical-surgical units. Her master’s thesis examined the knowledge and practices of the NICU nurses concerning the grieving process experienced by parents. Her interest in a research career stems not only from her master’s research, but also from the personal experience of loss. In summary Dr. Dias’ strong international, clinical, and teaching experiences have laid a solid
Dr. Hanish is an Assistant Professor at the University of Nebraska Medical Center College of Nursing. She received her bachelor of science in nursing, a master of science in nursing, and PhD in nursing degrees from the University of Iowa in Iowa City, IA. Dr. Hanish completed a predoctoral fellowship with the National Institute of Nursing Research Graduate Partnerships Program (GPP). Through this program, she completed her doctoral coursework at the University of Iowa and transitioned to the intramural programs at the National Institutes of Health (NIH) in Bethesda, MD to complete her dissertation research. Her research was completed in the NIH intramural labs at the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) within the Program on Developmental Endocrinology and Genetics (PDEGEN). Her dissertation research focused on the sleep-related phenotype associated with PAX6 haploinsufficiency. The GPP predoctoral fellowship included training in pineal measurement using magnetic resonance imaging, melatonin enzyme-linked immunoabsorbent assays, sleep questionnaires, sleep diaries, actigraphy, and polysomnography.

After completing the predoctoral fellowship, she was eager to expand her training from a rare disease population to more common neurodevelopmental disabilities at risk for sleep problems. She completed her postdoctoral training at the UNMC through the LEND (Leadership Education in Neurodevelopmental and related Disabilities) postdoctoral program at the Munroe Meyer Institute for Genetics and Rehabilitation, receiving a certificate in advanced leadership in autism and neurodevelopmental disabilities. She also completed a postdoctoral fellowship at the UNMC College of Nursing where she focused on mentored training in behavioral sleep interventions for vulnerable pediatric populations, adaptive interventional designs, and grantsmanship for interdisciplinary clinical translational research. Dr. Hanish currently is PI of a clinical trial titled: A SMART Design to Improve Sleep Disturbance in Adolescents with Neurodevelopmental Disorders funded by the National Institutes of Health, National Institute of Nursing Research.
Dr. Pozzar is currently a Post-Doctoral Research Fellow at the Dana-Farber Cancer Institute. Dr. Pozzar’s research is focused on the relationships between patient-provider communication and ovarian cancer care quality, ovarian cancer treatment decision making, and quality of life among individuals with ovarian cancer. Dr. Pozzar’s doctoral dissertation focused on patient perceptions of the ovarian cancer care process and highlighted the role of psychosocial factors in ovarian cancer care decisions.

Dr. Stanfill joined the University of Tennessee Health Science Center College of Nursing faculty in 2016. She holds a joint appointment in the College of Medicine, Department of Genetics, Genomics, and Informatics, and a faculty appointment in the UTHSC Neuroscience Institute. Her work is on the influence of genetic and epigenetic factors on long-term outcomes in neurological injury and chronic disease.

Dr. Stanfill received a BS in neuroscience from Vanderbilt University in 2003. She worked as a research assistant in genetics and neuroimaging research before receiving her BSN in 2007 from Saint Louis University. She has clinical experience in neurology and neurosurgery, endoscopy, and critical care. She received her PhD in 2014 from the University of Tennessee Health Science Center for her dissertation titled “Dopaminergic genetic contributions to obesity in kidney transplant recipients.” She was awarded an NIH/NINR F31 training grant for this project. Prior to assuming her faculty role, Dr. Stanfill also completed postdoctoral training in omics research at the University of Pittsburgh, supported by the NIH/NINR T32 “Targeted Research and Academic Training of Nurses in Genomics.” She is currently PI of a $1.1M NIH/NINR R01 titled “A multivariate predictive model for long-term disability post subarachnoid hemorrhage in Caucasian and African American populations.” She received a supplemental award to this project to investigate genotype and gene expression interactions using the GTEx database. She also serves as a co-investigator on an NIA funded R01 investigating the potential of miR-21 as a biomarker for vascular dementia.

In addition to her NIH support, Dr. Stanfill has received grants from Sigma Theta Tau, the International Society of Nurses in Genetics, and the Southern Nursing Research Society. She is a member of the American Society of Human Genetics and the International Society of Nurses in Genetics. She has been published many times in basic science and nursing research journals and regularly presents her work at local, regional, national, and international conferences.
Dr. Hetland is an Assistant Professor at the University of Nebraska Medical Center College of Nursing. She graduated summa cum laude from Southern Illinois University Edwardsville with a Bachelor of Science in Nursing degree in 2010. She obtained her PhD in nursing with a minor in Integrative Therapies and Healing Practices from the University of Minnesota in 2015. Her work has been federally supported by the National Institute of Nursing Research through a Ruth L. Kirschstein F31 Predoctoral Fellowship as well as a T32 Postdoctoral Fellowship in Symptom Management and Palliative Care Research in Adults with Advanced Disease, which she completed at the Frances Payne Bolton School of Nursing at Case Western Reserve University in 2017. Dr. Hetland’s research focuses on improving the patient and family experience with critical illness by engaging patients and their family caregivers in integrative therapies for the self-management of distressing symptoms in the intensive care unit.

Friday, September 18

NINR OPPORTUNITIES: A DIALOGUE WITH NINR DIRECTOR DR. SHANNON ZENK

Recently selected as the Director of the National Institute of Nursing Research (NINR) at the National Institutes of Health, Dr. Zenk oversees and supports NINR’s extramural research program, which provides funding at institutions across the nation. Dr. Zenk’s own studies focus on social inequities and health, with the goal of identifying effective approaches at multiple levels to improve health and eliminate racial/ethnic and socioeconomic health disparities. Through pioneering research on food deserts and a team science approach, Dr. Zenk and her colleagues helped bring national attention to the problem of inadequate access to healthful foods in low-income and Black neighborhoods. Dr. Zenk’s teams have since produced crucial evidence on the health implications of neighborhood inequities, including by leveraging electronic health record data. Using quasi-experimental study designs, they test whether intervention effectiveness depends on environmental context and evaluate effects of policy changes and environmental enhancements. Recognizing that a sole focus on residential
environments may mischaracterize environmental exposures and lead to misdirected or bypassed interventions, other research expands measurement to include the environments where people conduct their activities and spend time, or their “activity space”. They use a variety of mobile sensors in this and other work to understand how the environment and psychosocial factors interact to influence health behaviors. Dr. Zenk collaborates on research and mentors students on a wide range of social determinants of health.

Dr. Zenk was inducted as a Fellow of the American Academy of Nursing in 2013 and the International Nurse Researchers Hall of Fame in 2019. She has spent time as a visiting scholar in Rwanda and Australia. She earned her bachelor’s in nursing, magna cum laude, from Illinois Wesleyan University, Bloomington; her master’s degrees in public health nursing and community health sciences from University of Illinois at Chicago; and her doctorate in health behavior and health education from the University of Michigan, Ann Arbor.

Dr. Rawl is the Doris J. Froebe Endowed Professor in the Science of Nursing Care department and co-director of Indiana University School of Nursing’s T32 training program in advanced training in self-management interventions for serious chronic conditions research funded by the National Institute of Nursing Research. Dr. Rawl is co-leader of the Cancer Prevention and Control Program at the Indiana University Melvin and Bren Simon Comprehensive Cancer Center. Her program of research is focused on behavioral oncology, specifically interventions to promote colorectal cancer screening and reduce cancer risk. Her studies, funded by the National Cancer Institute, the National Institute for Nursing Research and the Patient-Centered Outcomes Research Institute, have tested computer-based, tailored health promotion interventions to motivate colorectal cancer screening.

She has conducted several studies testing nurse-driven interventions to enhance symptom management and improve the quality of life for cancer patients undergoing treatment and their caregivers. Dr. Rawl has authored or co-authored more than 100 research-based articles and more than 150 peer-reviewed research presentations. She currently is serving as Chair-Elect of the Council of the Advancement of Nursing Science and is a board member for the Indiana Cancer Consortium. Dr. Rawl has served as a scientific peer reviewer for NIH, DOD, the American Cancer Society, and international research organizations.
Dr. Hickman is the inaugural Ruth M. Anderson Endowed Chair and Associate Dean for Research at the Frances Payne Bolton School of Nursing at Case Western Reserve University. He is nationally known for his pioneering research focused on technology-based solutions to improve chronic disease self-management and end-of-life care. He is currently the principal investigator of an NIH-funded clinical trial evaluating the effects of a decision support technology for family members of critically ill patients posed with end-of-life care decisions. Dr. Hickman’s impact on practice and science has earned him several prestigious honors. He is an elected fellow of the National Academies of Practice, the Luther Christman Society, and the American Academy of Nursing. He also holds the distinction of an Emerging Leader in Health and Medicine by the National Academies of Sciences, Engineering, and Medicine.
Dr. Teresa Brockie is a member of the A’aninin Nation – Fort Belknap Reservation, Montana, and a 3rd-year tenure-track Assistant Professor at Johns Hopkins School of Nursing with a Joint Appointment as an Associate Scientist at Johns Hopkins Bloomberg Center for American Indian Health. She is one of 25 Native Americans in the US with a PhD in Nursing and one of six inducted to the American Academy of Nursing. Her research focuses on achieving health equity through community-based prevention and intervention of suicide, trauma, and adverse childhood experiences among vulnerable populations. She is a principal investigator or co-investigator on several projects including two R01s.

The purpose of the Brilliant New Investigator Award is to recognize the contributions of scientists early in their research careers who show extraordinary potential to develop sustained programs of research, certain to have significant impact on the science and the practice of nursing and healthcare. Nominees must be CANS members in good standing, be within 7 years following receipt of a doctorate and nominated by current CANS members.

THE AWARD CRITERIA:
• Building research productivity (within the last 5 years) in an area of major significance to nursing and health care knowledge
• Research dissemination and translation to practice and/or policy with a growing impact on nursing and other disciplines
• Emerging leadership related to nursing science advancement
CONGRATULATIONS TO THE 2020 AWARD WINNERS

OUTSTANDING NURSE SCIENTIST AWARD

Dr. Eun-Ok Im is an internationally known scholar in the field of global cross-cultural women’s health research, addressing gender and ethnic differences in health and illness experience of midlife women. She is a pioneer in the use of emerging technologies to study the experiences of ethnic minority women and to eliminate gender and ethnic disparities globally. She has obtained more than $17.5 million in research funding and has gained international recognition as a leader in this burgeoning field through more than 370 publications and over 320 international and national multi-disciplinary presentations.

The purpose of the Outstanding Nurse Scientist Award is to acknowledge CANS members whose sustained programs of research have had significant impact on nursing and healthcare knowledge development with recognizable benefits for nursing practice and healthcare. Nominees must be members of the CANS in good standing who hold an earned doctorate and are nominated by current CANS members.

THE AWARD CRITERIA:

• Outstanding contributions to nursing and healthcare science through a sustained program of research
• Robust research dissemination and translation for nursing and other disciplines
• Leadership in capacity building related to research conduct, training, or policy
• Mentoring of the next generation of nursing scientists
GENERAL INFORMATION

Conflicts of Interest
No event planner or scheduled speaker has disclosed a conflict of interest.

Contact Hours
Participants may earn contact hours for speaker presentations, panel sessions, and/or abstract poster and podium sessions. The fee for contact hours is included in the registration rate. Contact hours will be awarded separately for each component. The American Academy of Nursing is accredited as a provider of continuing nursing professional development by the American Nurses Credentialing Center’s Commission on Accreditation. Contact hours will only be awarded to individuals who complete the conference evaluation.

Conference Evaluation
The meeting evaluation will be available online at the completion of the conference. Notification will be sent via e-mail to all attendees. Please take the time to complete the evaluation form; your input and comments are essential in planning future Academy Conferences. Contact hours will only be awarded to individuals who complete the conference evaluation.

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Eastern Nursing Research Society (ENRS)
www.enrs-go.org
Comprised of nurses and others interested in promoting health through nursing science, ENRS is dedicated to creating a community interested in advancing innovative nursing science to promote health. Our region includes: Connecticut, Delaware, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Washington, D.C.

Midwest Nursing Research Society (MNRS)
www.mnrs.org
The Midwest Nursing Research Society (MNRS) is comprised of 1,300+ scientists, innovators, and drivers of clinical practice across the career trajectory who come together to share ideas and innovative research. The mission of MNRS is to advance science, transform practice and enhance careers through a network of scholars.

National Institute of Nursing Research (NINR)
www.ninr.nih.gov
The National Institute of Nursing Research (NINR), a component of the National Institutes of Health, supports basic and clinical research that develops the knowledge to build the scientific foundation for clinical practice, prevent disease and disability, manage and eliminate symptoms caused by illness, and enhance end-of-life and palliative care.

Southern Nursing Research Society (SNRS)
www.snrs.org
The Southern Nursing Research Society, founded in 1986, is a membership association dedicated to the support and dissemination of nursing research science.

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Rutgers School of Nursing invites collaboration with scientists from across disciplines and institutions, in the U.S. and abroad. To learn more, please visit our website or contact Dr. Charlotte Thomas-Hawkins, interim associate dean for nursing science, at charlot@sn.rutgers.edu.

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