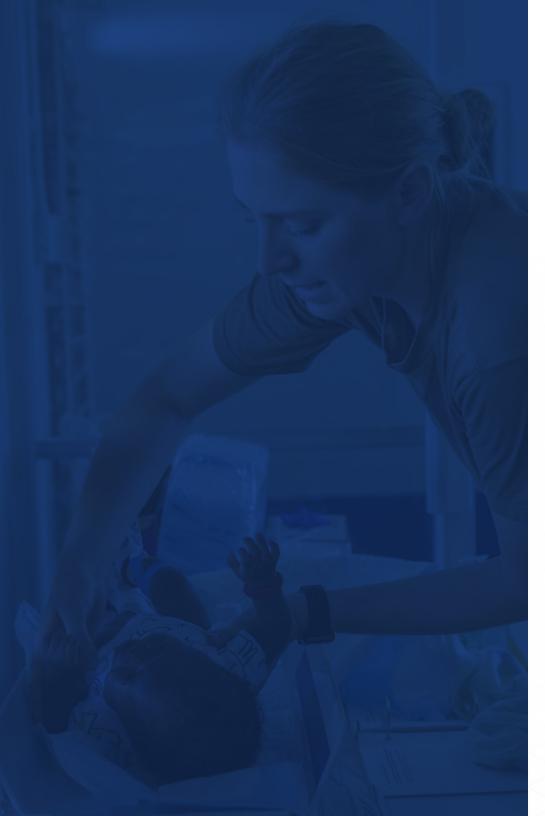


### 2020 TSNRP RESEARCH & EBP DISSEMINATION COURSE OVERVIEW

Time	Торіс	Speaker
0900-094	6 Welcome & TSNRP Updates	CAPT Heather King, PhD, CRNA TSNRP Executive Director
0945-104	6 Military Nursing State of the Science	COL Angela Simmons, PhD, RN, NEA-BC Col Jennifer Hatzfeld, PhD, RN CAPT Virginia Blackman, PhD, RN, CCNS
1045-1215	State of the Nurse Corps	Corp Chiefs & Deputies Brig Gen Jeannine Ryder, Air Force Nurse Corps COL Lozay Foots, Army Nurse Corps RDML Cynthia Kuehner, Navy Nurse Corps
1215-1300	LUNCH  Q&A with Army, Air Force, and Navy Nurse Corps Representatives (Break Out Rooms)  Corps Chiefs Service Specific Meetings	
1300-1310	BREAK	
1310-1330	Nursing during a Pandemic	RADM Mary C. Riggs, Director, Navy Nurse Corps Reserve Component
1330-1405	Scientific Mentorship: Your Professional Legacy	COL (Ret) Patricia Patrician, PhD, RN, FAAN
1405-1420	Award Presentations	
1420-1430	BREAK	
1430-1500	Introduction to Expeditionary RIG Plenary Lectures Knowledge Degradation Within the MEDEVAC Community Overtime Prevention of Pressure Injuries During Military Aeromedical Evacuation or Prolonged Field Care	Mr. Robert Sippel, MAEd, MAS, NRP, FP-C Elizabeth Bridges PhD RN CCNS, FCCM, FAAN, Col USAFR NC (ret)
	Introduction to Anesthesia RIG Plenary Lectures	
1500-1530	TIO Epinphrine Restores ROSC in a Pediatric Normovolemic But Not Hypovolemic Arrest	LTC Young Yauger, PhD, CRNA
	The Experience of Care During a Typical Day of Surgery	CAPT Robert J. Hawkins, PhD, DNP, MPH, MS, MBA, MA, CRNA
1530-1540	BREAK	

Time	Торіс	Speaker
1540-1610	Introduction of HSIRIG Plenary Lectures  Applying the 3P's to Survey Approval: Planning, Patience, and Perseverance  Longitudinal Comparison of Nurse and Patient Outcomes in Military Hospitals	LTC Pauline Swiger, PhD, RN, CNL, CMSRN  Dr. Lori Loan, PhD, RN, FAAN
1610-1640	Introduction to BHRIG Plenary Lectures  The Coping Self-Efficacy Scale in an Outpatient Sample of Active Duty Military Personnel Precision Nutrition Impact on Health-Related Behavior Change in Service Members	CAPT Craig Cunningham, PhD, CNOR  MAJ (Ret) Mary McCarthy, BSN, PhD
1640-1710	Introduction to MWHRIG Plenaries  Menstrual Practices in Operational Military Women Improving Breast, Cervical, and Colon Cancer Screenings	Maj Angela Phillips, PhD, MSN, WHNP-BC, RN Lt Col Miev Carhart, DNP, WHNP-BC
1710-1740	Introduction to FIG Plenaries  Deployment Characteristics as Predictors of Parenting Stress within Navy Parent Dyads  Family Bereavement Implications for Military Personnel: A Focused Literature Review	CAPT Abigail Yablonsky, PhD, NP-C LT Dehussa A. Urbieta, BSN, RN, CPN
1740-1800	Final Remarks	CAPT Heather King, PhD, CRNA



# Letter from the Executive Director

16 October 2020



Dear Colleagues,

As the Executive Director of the TriService Nursing Research Program, it is my distinct pleasure to welcome you to the 2020 Virtual TriService Nursing Research Program (TSNRP) Research and Evidence-Based Practice Dissemination Course!

The Virtual TSNRP Research and Evidence-Based Practice Dissemination Course is an optimal opportunity for nurses, clinicians, scientists, administrators, and leaders from all three military services to come together with the goal of disseminating research and evidence-based practice (EBP) projects. Ultimately, this course highlights the scientific work of military nurses to improve the

healthcare of our service members and beneficiaries. In addition to enjoying the many podium and poster presentations, this course offers the opportunity to network with colleagues and form collaborations with nurses across the services. Although this year's dissemination course is scaled back from our normal in-person course, the research and EBP work being conducted by military nurses is critically important. Adjusting to travel restrictions, new COVID-19 roles held by military nurses, navigating multiple virtual platforms, and the stress experienced by the current pandemic are just a few of challenges that many military nurses have faced during this historic year.

The TriService Nursing Research Program is the catalyst stimulating the synergistic endeavors between the military services to advance military nursing research and EBP. Our Executive Board of Directors is made up of the Nurse Corps Chiefs of each military service. TSNRP is extremely fortunate to have the support and strong commitment of nursing leaders who are dedicated to moving the clinical practice of nursing forward through rigorous research and clinical practice based on evidence.

Our future success as a military nursing research community require us to have both a vision and a plan moving forward. Recently, I found a photo of LTC Patricia Kenny (third TSNRP Director) standing in front of a poster for the 12th Biennial Phyllis J. Verhonick Nursing Research Course in 2002. The course logo "Military Nursing Research: Meeting the Challenges of **Readiness** in Military Healthcare" speaks to the longstanding vision of military nurses to be laser focused on readiness. Then and now, we are committed to enhancing the health and readiness of our service members by providing care based on science.

I am grateful that the passion and interest of military nurses is to create the science, implement science, and advance the practice of military nursing. I look forward to listening to every presentation, viewing every poster, and learning from each and every one of you. Scholarly work is important and I look forward to how TSNRP will continue to meet the needs of service members around the world.

Sincerely,

**HEATHER C. KING, CAPT, USN, NC** 

**Executive Director** 

TriService Nursing Research Program

Capt. Heather King

# Memorandum for TriService Nursing Research Program Dissemination Course Attendees

16 October 2020

### Welcome Letter

- 1. As the Executive Board of Directors to the TriService Nursing Research Program (TSNRP), it is with great pleasure that we welcome you to the Annual TSNRP Research and Evidence Based Practice Dissemination Course. You have chosen to be a part of an incredible educational opportunity to share innovative nursing research and responsive evidence based practices of military nurses worldwide; network and create new scholarly collaborations; and explore ways to advance military nursing research and practice to provide world class care to America's service members and their families.
- 2. This course is a key opportunity to disseminate operationally-relevant military nursing research and evidence-based practice findings. It brings together two historical highlights of military nursing research, the Karen Rieder Poster Session and Phyllis J. Verhonick Nursing Research Course. Presenters and guest lecturers will introduce, examine, and discuss research and evidence based practice issues that impact today's clinical,educational and training practice environments. We encourage you to leverage this opportunity and strengthen your commitment to "creating the science" and "advancing the practice."
- 3. As the Department of Defense and Defense Health Agency adjust to new challenges and opportunities, we remain dedicated to supporting research and evidence-based practice innovation in military nursing. We have seen how this course helps to stimulate additional research and interventions while fostering collaborative partnerships among triservice nursing partners. This pursuit of excellence is one of the best ways to ensure the continued strength of military nursing and we are honored to support your work.

BG Jack M. Davis Chief, Army Nurse Corps RDML Cindy A. Kuehner Director, Navy Nurse Corps

Brig Gen Jeannine M. Ryder Chief. Air Force Nurse Corps

### **NURSE CORPS CHIEFS AND DIRECTORS**



BG Jack M. Davis
Chief, Army Nurse Corps
Deputy Commanding General,
Regional Health Command
– Pacific Market Manager,
Hawaii Military Health System

BG Jack M. Davis began his career in Armor and subsequently served as a Special Forces A-Team leader. He began service in the U.S. Army Medical Department (AMEDD) in 1989. BG Davis has had multiple assignments, including Brooke Army Medical Center in the Medical and Surgical section, with a follow-on assignment to the Surgical and Trauma Intensive Care Unit; Chief Nurse and Chief of Clinical Operations, 1st Medical Brigade, Fort Hood, Texas; 1st Medical Brigade Chief Nurse and Chief of Clinical Operations; 32d Medical Brigade, Joint Base San Antonio-Fort Sam Houston, Texas; fourth Commandant of the Medical Education and Training Campus, Joint Base San Antonio-Fort Sam Houston, Texas. BG Davis' education includes two bachelor's degrees from Arizona State University and a Master of Nursing Science degree from the Uniformed Services University of the Health Sciences. His millitary education includes the AMEDD Officer Basic and Advanced Courses, the Combined Arms Staff and Service School, Command and General Staff College, and the U.S. Army War College.



RDML Cynthia A. Kuehner Director, Navy Nurse Corps Commander, Naval Medical Forces Support Command

RDML Cynthia A. Kuehner is a native of Ft. Rucker, Alabama. Born an "Army Brat." She has lived all over the world in a life-long affiliation with uniformed, service. She earned a Bachelor of Science in Nursing from the University of Hawaii in 1991. Her graduate degrees include a Master of Science in Nursing from the Uniformed Services University of the Heath Sciences in 2001, and a Doctor of Nursing Practice from the University of Massachusetts Amherst in 2019. She was commissioned as an Ensign in 1991 through the baccalaureate degree completion program. Her previous assignments include senior nurse of Bravo Surgical Company, augmented to the 1st Medical Battalion in Fallujah, Irag; Senior Medical Officer and Executive Officer of the Provincial Reconstruction Team, Khost, Afghanistan; medical staff and primary care manager, Naval Health Clinic, Corpus Cristi, Texas; Executive Officer, Naval Medical Center San Diego, and Commanding Officer, Naval Hospital Okinawa, Japan. Her recent staff assignments include commander's action group and assistant deputy chief, medical operations, Bureau of Medicine and Surgery deputy chief, operations, plans, and readiness in January 2020. She assumed her current position of Commander, Naval Medical Forces Support Command and Director of the Navy Nurse Corps in August 2020.



Brig Gen Jeannine M. Ryder Chief, Air Force Nurse Corps Commander, 711th Human Performance Wing, Air Force Research Laboratory

In addition to serving as the Chief of the Air Force Nurse Corps, Brig. Gen. Jeannine M. Ryder Commander, 711th Human Performance Wing (HPW), Air Force Research Laboratory, Wright-Patterson, Air Force Base, Ohio, and Chief of the Air Force Nursing Corps. The 711 HPW advances human performance and integration for air, space and cyberspace through research. education, consultation and operational support. The Wing operates at seven geographically separated sites, and includes the Airman Systems Directorate and the U.S. Air Force School of Aerospace Medicine. Brig. Gen. Ryder oversees more than 2,000 personnel and an annual \$400 million budget. She also provides strategic direction for Air Force biotechnology, public health training, and aeromedical consultation. As Chief Nurse of the Air Force, Brig. Gen. Ryder creates and evaluates nursing policies and programs for 19,000 active duty, Guard and Reserve nursing personnel. She interacts with Air Staff, Joint Staff, Department of Defense, Department of Veterans Affairs and civilian healthcare organizations to ensure the highest caliber of nursing care and personnel. General Ryder is a 1991 graduate of Boston College where she earned a Bachelor of Science degree in Nursing. She has commanded at the flight, squadron, and group level in both deployed and in-garrison environments.



COL Lozay Foots Deputy Chief, Army Nurse Corps

COL Lozay Foots III is the deputy chief of the Army Nurse Corps. He was commissioned from the University of Texas, from which he graduated with a bachelor's degree in nursing science. He holds a master's degree in science with an emphasis on information management from Central Michigan University, and a master's in national security and resource strategy from the National Defense University. Prior to this assignment, he served as the Chief, Army Nurse Corps Branch at Human Resources Command, Fort Knox. Other assignments include the Deputy Commander of Inpatient Services, Carl R. Darnall Army Medical Center; Assistant Deputy for Medical Affairs for the Assistant Secretary of the Army for Manpower and Reserve Affairs (ASA M&RA), Pentagon; Clinical Staff Nurse Intensive Care Unit (ICU). Brooke Army Medical Center. COL Foots' military education includes the Army Medical Department (AMEDD) Officer Basic Course, AMEDD Advanced Course, the Clinical Head Nurse Course, the Advance Nurse Leadership Course, the Joint En route Care Course, the Combined Arms Service and Staff School (CAS3), the Executive Level Decision Making Course, and the United States Army Command and General Staff College (CGSC). He is a graduate of the Eisenhower School for National Security and Resource Strategy Senior Service College (SSC) at Fort McNair, Washington, DC. He is also a Fellow of the American College of Healthcare Executives (FACHE).



CAPT Paul A. Loesche
Deputy Director, Nurse Corps

CAPT Paul A. Loesche is the deputy director of the Navy Nurse Corps. CAPT Loesche earned his Bachelor of Science in Nursing in 1995 from Saint Louis University School of Nursing, and began active naval service as a Staff Nurse at Naval Hospital, Pensacola, Florida. Prior to this assignment, he served as the Senior Nurse Executive for Naval Health Center Hawaii. Other assignments include National Naval Medical Center Bethesda, MD as the charge nurse of General, Vascular and Pediatric surgery; Fleet Surgical Team EIGHT (FST 8), Little Creek, Virginia; Naval Hospital Guam, as Division Officer of Main Operating Room; Navy Nurse Corps Duty Under Instruction Program (DUINS); Naval Medical Center Portsmouth, Virginia; and Senior Nurse of Expeditionary Medical Facility EIGHTEEN, Camp Lemonier supporting Combine Joint Task Force-Horn of Africa (CJTF-HOA). He is a board certified perioperative nurse and served as Chair and member of the Tidewater Chapter of the Association of Operation Room Nurses, Portsmouth, VA, and is a member of the Greater Washington DC Operating Room Nurses Association. He also achieved designation as a Surface Warfare Medical Department Officer.



Col Camella D. Nulty
Director, Air Force Nursing
Services
Chief, Officer Force
Development Division

Colonel Camella D. Nulty is the Chief, Officer Force Development Division and Director, Air Force Nursing Services at Headquarters Air Force, Office of the Surgeon General, Pentagon. Col Nulty graduated in 1997 with a Bachelor of Science Degree in Nursing from the University of Alabama in Huntsville. She was directly commissioned into the Air Force in 1997. Col Nulty has nursing experience in civilian and military healthcare encompassing inpatient, outpatient, and aeromedical evacuation. Prior to her current position, she served as the Air Force Surgeon Generals Chief Nursing Consultant. Col Nulty develops, coordinates, deploys, and evaluates policies and programs affecting 18,000 nursing personnel in active and reserve components of the Air Force Medical Service. She executes officer force development initiatives and establishes training policies across the Air Force Medical Service. As the Surgeon General's nursing functional expert, she directs and oversees nursing force structure, education and training, career development, staff utilization, and standards of nursing care and practice. Col Nulty has deployed as a Critical Care Air Transport Team nurse to Qatar and Iraq, as well as Medical Crew Director of the Aeromedical Evacuation Team in Germany. Additionally, she provided humanitarian support operations during the Haiti earthquake. She has accrued over 475 flying hours, including 370 combat hours.



COL Angela Simmons Consultant to the Army Surgeon General for Nursing Research

COL Angela Simmons is the Dean at the School of Nursing Science at the US Army Medical Center of Excellence in Joint Base San Antonio, Fort Sam Houston TX. In this position, she manages the Army's nursing specialty courses and enlisted clinical specialty training and provides strategic oversight of the Army Nurse Corps professional leadership courses, including the Clinical Nurse Transition Program, COL Simmons received her commission in 1993 from the Reserve Officer Training Course at Creighton University, where she also received her Bachelor of Science in Nursing. She is a board certified Advance Nurse Executive who earned a Master of Science in Nursing Education Degree from Clarkson College, a Master of Science in Nursing Administration from George Mason University, a postgraduate certificate in Health Systems Management, and finally a PhD in Nursing Research from the University of Texas at Austin. Previous assignments include serving as a clinical staff nurse on the orthopedic unit at William Beaumont Army Medical Center in El Paso TX and in the emergency room at Brooke Army Medical Center in Fort Sam Houston, TX; as a head nurse of the Pediatric Clinic at Carl R. Darnall Army Medical Center in Fort Hood. TX and of the Mother Baby Unit at DeWitt Army Community Hospital in Fort Belvoir, VA; Deputy Director, Licensed Practical Nurse Course, Phase II at Brooke Army Medical Center. As a Nurse Scientist, she was assigned as the Chief of the Center for Nursing Science and Clinical Inquiry at Madigan Army Medical Center in Fort Lewis, WA.



CAPT Virginia Blackman Specialty Leader for Nursing Research

CAPT Virginia Schmied Blackman is the Executive Officer at Naval Medical Research Unit-Two (NAMRU-2), headquartered in Singapore and with additional research operations in Cambodia, Thailand, and Vietnam. CAPT Blackman has served as an Assistant Professor at the Uniform Services University's Daniel K. Inouye Graduate School of Nursing, a staff nurse at Naval Medical Center San Diego in internal medicine and intensive care, with the 3rd Medical Battalion in an operations and training billet, as a Clinical Nurse Specialist for the intensive care and step-down units at Naval Medical Center Portsmouth, Virginia and as Ship's Nurse on the USS GEORGE H. W. BUSH (CVN 77). CAPT Blackman earned her PhD from the University of California-San Francisco in 2014. Her research focused on pre-hospital and emergency department pain assessment and severity, and pre-hospital analgesic intervention in combat zone trauma patients. Her recent research has focused on readiness and training for military trauma care providers, particularly in the Navy En Route Care environment. Additionally, she has led a funded EBP implementation project to equip nurses and other health professionals across the MHS with palliative care communication skills.



Col Jennifer Hatzfeld Consultant to the Air Force Surgeon General for Nursing Research

Col Jennifer Hatzfeld is the Director of Nursing Operations at the Air Force Medical Readiness Agency in Falls Church, Va. In this role, she provides oversight and guidance on the practice of nursing across the spectrum of Air Force medical facilities and deployment locations around the world. Prior to her current position, she was the TSNRP Executive Director. Col Hatzfeld entered the U.S. Air Force Nurse Corps in 1995 as a clinical nurse and was stationed at bases in California, South Korea, and Italy. After earning a master's degree in community health nursing from the University of Texas Health Science Center in San Antonio, she managed population health efforts at Randolph Air Force Base in Texas. She completed her PhD in nursing in 2009 at Johns Hopkins University, where she studied disparities in health outcomes among active duty Air Force members by race/ethnicity, gender, and rank. As a board-certified public health nurse, Col Hatzfeld initially focused her research on the prevention and management of chronic diseases. Following deployments to Afghanistan in 2010 and 2012 on the Joint Combat Casualty Research Team, Col Hatzfeld expanded her research to assessing lifesaving interventions in combat casualty care, understanding pain management during patient transport, and evaluating the impact of animal-assisted therapy in the aeromedical staging facility.

#### **KEYNOTE SPEAKER**



**RADM Mary C. Riggs** 

RADM Mary C. Riggs is the Director, Navy Nurse Corps Reserve Component. She graduated magna cum laude from The Catholic University of America in Washington, DC, with a bachelor's of science in nursing. She received master's degrees in both physiology and biophysics from Georgetown University in Washington, DC.

RADM Riggs was directly commissioned into the Navy Reserve. In October 2013, RADM Riggs was recalled to active duty, serving as the Deputy Director of Reserve Policy and Integration. She was also the Principal Lead for the Reserve Work-Stream Group in the development of the Electronic Health Record Program. She was also assigned as Commander of Reserve Component Expeditionary Medicine and Deputy Director of the Nurse Corps before her current assignment. In her civilian career, she has maintained her clinical skills, continued her pursuit of medical research in the development of new pharmaceuticals and devices, and, as a successful entrepreneur, developed two clinical research organizations. She founded a clinical research organization (CRO) in 1998, specializing in providing rigorous scientific clinical trials in products for the treatment of cardiovascular disease.



COL (Ret) Patricia Patrician

Dr. Patricia A. Patrician, PhD. RN. FAAN, is Professor and Rachel Z. Booth Endowed Chair in Nursing at the University of Alabama at Birmingham (UAB) School of Nursing in Birmingham, Alabama. She joined the UAB faculty in August 2008 after having served 26 years in the US Army Nurse Corps. She teaches in the PhD program and conducts research on nurse staffing, the nursing practice environment, and patient and nurse outcomes of organizational interventions. She has successfully completed several research studies on the safety and quality of nursing care, nurse staffing, nursing burnout, and the practice environment for nurses, funded by the TriService Nursing Research Program, Department of Defense. She was recently a co-investigator on a program evaluation of the US Army's Patient CaringTouch System, an innovative nursing practice model. Dr. Patrician is currently Principal Investigator on a study of mortality, readmissions, and failure-to-rescue in military hospitals. In addition, she is a Senior Nurse Faculty/Scholar in the Veteran's Administration Quality Scholars (VAQS) fellowship program; Scientist at the Center for Outcomes and Effectiveness Research and Education; Scholar at the Lister Hill Center for Health Policy; and holds a secondary appointment in the School of Health Professions. Dr. Patrician earned her BSN from Wilkes University in Wilkes-Barre, PA; a MSN in critical care nursing from University of Texas Health Science Center in San Antonio, TX, and a PhD from the University of Pennsylvania in Philadelphia, PA. She has also earned a Masters of Strategic Studies from the US Army War College, Carlisle Barracks, PA.



# Mission

To facilitate nursing research to optimize the health of military members and their beneficiaries.

# **Strategic Goals**

- 1. Develop and strengthen the TriService community of nurse scholars to generate new knowledge in military nursing and translate it into practice.
- Provide a TriService infrastructure to enhance military nursing research and advance evidence-based practice.
- 3. Support research and evidence-based practice projects on areas relevant to military readiness and military nursing practice.
- 4. Encourage TriService collaboration in nursing research and evidence-based practice.

# The TriService Nursing Research Program (TSNRP) Priority Areas include:

**Force Health Protection**: Factors affecting the health care of operational personnel (e.g., war fighters, support personnel) and their families before, during, and after deployment.

**Nursing Competencies and Practice**: Military nursing competencies necessary to sustain a patient from point of injury/other health event through the continuum of care, evaluation of interventions to enhance learning and retention of military nursing operational skill sets, and the translation of research and other knowledge into clinical practice.

**Leadership, Ethics, and Mentoring**: Leadership and mentoring characteristics, approaches, and strategies and the effect on military nursing leading to policy changes; ethical issues encountered by military nurses; interventions designed to enhance recruitment and increase retention of military nursing personnel.

TSNRP is the only program that exclusively funds and supports rigorous scientific research and evidencebased practice in the field of military nursing. We seek to advance military nursing science and optimize the health of military members and their families.

## TSNRP Supports Excellence in Military Nursing through:

#### Courses

- Evidence-Based Practice (EBP) Workshop to strengthen EBP skills
- Grant Camp to develop strong proposals for funding
- Dissemination Course to share project results and learn from others
- Writing Workshop to focus on scholarly writing of articles, clinical guidelines, and technical reports
- Additional courses that focus on research or evidence-based practice can be sponsored by TSNRP, depending on the identified educational need.

#### Resources

- · Research and EBP books, software, consulting, and other materials
- · Biannual newsletter focused on emerging research and EBP results
- · Social media tools connecting military nurse scholar community

#### **Funding**

- · Research and EBP grant awards to non-profit organizations and universities, up to \$450,000.
- EBP funds transferred to military treatment facilities through a mini-EBP award, up to \$10,000.

#### Collaboration through multiple Research Interest Groups, including:

- Anesthesia
- · Biobehavioral Health
- · Expeditionary Care
- · Health Systems/Informatics
- · Military Family
- · Women's Health

### Why does TSNRP exist?

In 1988, nurses holding doctorates from the Army, Navy, and Air Force began meeting informally at the Association of Military Surgeons of the United States meeting to discuss ways to increase the evidence available to guide military nursing practice and policy. In 1990, the three services formed the Federal Nursing Research Interest Group, which later became the TriService Nursing Research Group (TSNR Group). In 1991, the TSNR Group and the Nurse Corps Chiefs met with the National Center for Nursing Research (now the National Institute for Nursing Research) to discuss a coordinated strategy for nursing research. In 1996, the Department of Defense Authorization Act authorized TSNRP as part of the DoD health care program, established at the Uniformed Services University of the Health Sciences. Since then, TSNRP has funded over \$100M in support of research and evidence-based practice. In the process, it has significantly advanced the science and practice of military nursing.



LTC (ret) Phyllis J. Verhonick, AN, USA

LTC (ret) Phyllis J. Verhonick, AN, USA, was a charter member of the American Academy of Nursing and a pioneer in nursing research. She received her BSN from the University of Portland School of Nursing in 1944 and her MA and EdD from Teachers College, Columbia University, in 1956 and 1958, respectively.

Dr. Verhonick's Army career encompassed key positions as a staff nurse, head nurse, educational coordinator, nursing methods analyst, and clinical supervisor in Army hospitals in the United States and Japan. From 1958 to 1962, she served as the assistant chief of research of the Department of Nursing at the Walter Reed Army Institute of Research (WRAIR), where she helped establish the international reputation of the department. In 1962, she was appointed the chief of the department, a position she held until her retirement as a lieutenant colonel in 1968. Upon retirement, Dr. Verhonick served at the University of Virginia in Charlottesville, where she was a professor and chair of research until her death in 1977.

From 1981 until 2012, the Army Nurse Corps held a biennial Phyllis J. Verhonick Nursing Research Symposium as a way to disseminate findings from nursing research. Beginning in 2014, the TSNRP Research and Evidence-Based Practice Dissemination Course was established to carry on this important effort.



CAPT Karen A. Rieder, NC, USN

CAPT Karen A. Rieder, NC, USN, joined the U.S. Navy Nurse Corps in 1964 and served in numerous leadership positions until her death in 1988. Dr. Rieder earned her bachelor's degree in nursing from the University of San Francisco; a master's degree from the University of California, Los Angeles; and her PhD from the Catholic University of America in 1982. She received the Meritorious Service Medal in 1986 for her achievements as director of the Health Services Research Department of the Naval School of Health Sciences in Bethesda, Maryland. She was last assigned as director of resource analysis and management systems to the Office of the Assistant Secretary of Defense for Health Affairs. Dr. Rieder was also elected as a fellow in the American Academy of Nursing, the first time that honor had been achieved by a U.S. Navy Nurse Corps officer.

From 1988 through 2012, the TriService Nursing Research Program hosted a Karen Rieder Nursing Research Poster Session in her honor at the annual Association of Military Surgeons of the United States (AMSUS) convention. In 2014, the developers of a newly created TSNRP Research and Evidence-Based Practice Dissemination Course included a poster session for military nurses, to continue her legacy.



Col (ret) Regina Aune, USAF, NC

Col (ret) Regina Aune was an Air Force flight nurse during the Vietnam War. In 1975, 1st Lt Aune was assigned as the Medical Crew Director for a mission to evacuate South Vietnamese orphans when the pilot was forced to crashland the aircraft soon after take-off. In all, 78 children and approximately 50 adults were killed. 1st Lt Aune climbed out of the wreckage and helped carry 80 babies and toddlers to rescue helicopters, despite suffering a broken foot, a broken leg, a broken vertebra, and numerous other injuries.

Following her recovery and rehabilitation, Dr. Aune served in multiple Air Force assignments, completing an MSN from the University of California, San Francisco, and a PhD in leadership and policy from the University of Utah in 1983. She served as the Chair of the Department of Nursing Research and later as the Commandant of the Uniformed Services University of the Health Sciences Graduate School of Nursing and was an advisory member of the TriService Nursing Research Group from 1993 to 1999. Following her retirement, Dr. Aune became the Dean of the College of Nursing and Health Sciences at Texas A&M International University, until 2012. Dr. Aune remains an active speaker on medical and military readiness, leadership, organizational studies, and nursing research. In 2017, TSNRP established a Regina Aune Perseverance Award to recognize her contribution to military nursing and military nursing scholarship.

To honor the legacy of these amazing nurse scholars, the TriService Nursing Research Program is proud to present the following awards at the end of the course:

Phyllis J. Verhonick Outstanding Podium Award for the best podium presentation

Karen Rieder Outstanding Poster Award for the best poster presentation

### Regina Aune Perseverance Award

to the presenter who demonstrated exceptional perseverance to ensure the success of a program or project.

# **Accepted Abstracts**

The following abstracts were accepted for the in-person 2020 Research and Evidence-Based Practice Dissemination Course. Due to the ongoing COVID-19 pandemic response, they are unable to be presented during the virtual course. We thank these nurses for their dedication to advancing nursing science and for the contributions to our nation in response to COVID-19.

#	Lead Author	Authors	Submission Title
1	<b>Allen</b> Army	Ms. Brittany Allen 1LT Christianna Garcia 1LT Bradley Hollihan Mrs. Maria Barajas Ms. Alma Guerrero Ms. Stephanie James Amanda Head Ms. Ann Marie Lazarus	The Use of Memory Notebooks to Improve Daily Functions After A Traumatic Brain Injury (TBI)
2	<b>Arzola</b> Army	Ms. Sonya M. Arzola COL (Ret.) Ann Nayback-Beebe COL Carla Dickinson COL Brandon Goff MAJ John P. McCallin	Integrative Medicine vs. Medication Use in Military Service Members with Chronic Pain
3	<b>Aune</b> Navy	Dr. Lorri J. Birkholz	Overcoming Barriers of Achieving Nurse Certification in the Military Health System
4	<b>Bradley</b> Air Force	Lt Col David Bradley MAJ William Molina Capt James Dockery MAJ Donald Hope MAJ Joshua Beckman Lt Col David E Zizurraga Col Lance Taylor Martina Mason Kayla Collins SSgt Darek Harper Capt. Mario Cooper CPT Nicholas Oneel Mrs. Naomi C. Ruby	Process Improvement: A Novel Sterilization Container
5	<b>Brown</b> Army	LTC William Brown COL (Ret) Paul C. Lewis Dr. Jennifer Neugebauer- Sperlein Dr. Gregory J. Zarow Ms. Elizabeth Rivas	A Novel Stress Fracture Rehabilitation Program: A Pilot Study
6	<b>Brown</b> Air Force	Ms. Kayla Brown Dr. Melissa Wilson	Deployment Stressors from the Experiences of Moral Distress in Critical Care Air Transport Nurses
7	<b>Chandler</b> Army	1LT Troy Chandler 1Lt Kathleen Davidson Ms. Contina Parker 1Lt Allison Kotas SPC Marco Barraza SrA Ghia Immekus Ms. Suzette Hemphill Ms. Darlene Deters Ms. Ann Marie Lazarus	Tracheostomy Care – A Multidisciplinary Approach
8	<b>Clapp</b> Navy	LCDR Richard Clapp	Nurse Driven Protocol to Reduce Unnecessary Telemetry Use

#	Lead Author	Authors	Submission Title
9	<b>Dick</b> Army	1LT Susan Dick Ms. Sandra Carabajal	Improving Patient Involvement through Implementation of Shift Change Bedside Rounding
10	<b>Flowers</b> Army	CPT Christopher Flowers CPT Matthew Wood Mrs. Darlene Deters	Extracorporeal Membrane Oxygenation (ECMO): Fostering a Bridge to Organ Recovery
11	<b>Gallup</b> Army	Ms. Maria Cristina Gallup Dr. Adharsh P. Ponnapakkam Dr. Donald J. Rees Ms. Dena M. Miller Dr. Angela M. Fagiana Dr. Nicholas R. Carr	Fed is Best? Can Donor Breastmilk and Supplementation-based Hypoglycemia Guidelines Reduce NICU Admissions
12	<b>Garcia</b> Army	1LT Christianna Garcia 1LT Bradley Hollihan Ms. Brittany Allen Mrs. Maria Barajas Ms. Alma Guerrero Mrs. Stephanie James SPC Amanda Head Mrs. Ann Marie Lazarus	Strategies to Improve Knowledge Gaps of Traumatic Brain Injury (TBI) Patients on a Surgical Trauma Ward
13	<b>Gardner</b> Air Force	Lt Col Cubby Gardner CDR Carl Goforth LTC Christopher VanFosson Lt Col Susie Everly	Perspectives on the Evolution of En Route Care: Experienced Nurse Discussion Panel
14	<b>Geiger</b> Army	CPT Joshua Geiger MAJ Margaret Martin	Applying Telephone Triage and Treatment to Acute Low Back Pain
15	<b>Gisla</b> Army	CPT David Gisla MAJ Trey Baker CPT Andrew Irizarry Dr. Robert Peden Dr. John Klaric	A quality improvement project to evaluate the impact of a clinical practice guideline designed to increase first-line antibiotic use in orthopedic surgical patients reporting penicillin allergies
16	<b>Hodge</b> Army	COL (Ret) Nancy Hodge MAJ Nicole Nelson Dr. Nora Patterson Ms. Jennifer Rich Ms. Carla Wright Ms. Renee Lightcap	Transitioning to the International Dysphagia Diet Standardization Initiative (IDDSI)
17	Holderness Air Force	Lt Col (Ret) Michele Holderness	Patient Movement Validation by RNs Utilizing PMCC Validation Algorithm
18	<b>Horne</b> Navy	LCDR Miranda Horne LCDR Sarah Hervey	A Needs Assessment of the Documentation Intake Process within Primary Care
19	<b>Hyatt</b> Army	LTC Kyong Hyatt Dr. Mary S. McCarthy Dr. Paul Savage Ms. Victoria B. Jurgensmeier Dr. Timothy Hoyt	Web-Based MBSR for Service Members with PostmTBI Symptoms
20	<b>Lobst</b> Army	Dr. Stacey E. Lobst Maj Natasha Best Dr. Denise C. Smith Col (Ret) Lori L. Trego	Development of a Decision-Tree to Identify Evidence Specific to Active Duty Women
21	<b>Lacuzong</b> Army	MAJ Wendy Hamilton Maj Mariana Lacuzong CPT Nicholas O'Neel Ms. Anne Marie Lazarus	Delirium: Early Recognition, Prevention, and Management in the Acute Care Setting

#	Lead Author	Authors	Submission Title
22	<b>Lawrence</b> Navy	CDR Sophia Lawrence	Enhancing Depression Care Outcome in Primary Care
23	<b>Montiel</b> Navy	1LT Addison Montiel	Preventing Newborn Metabolic Rescreening
24	<b>Moore</b> Navy	LT Joy LT Jeremy Moore LT Jason Balazs	The Implementation of a Postoperative Opioid- Sparing Guideline
25	<b>Mortimer</b> Air Force	Dr. Darcy Mortimer	Pressure Ulcer Risk Factor Development in Non- Critical Aeromedical Evacuation Trauma Patients
26	<b>Mortimer</b> Air Force	Dr. Darcy Mortimer Col (Ret) Elizabeth Bridges Mr. Derek Haas	En Route Care: Modeling of Patient and Flight Profiles Using the Aeromedical Evacuation Registry
27	<b>Murphy</b> Army	MAJ (Ret) John Murphy COL (Ret.) Mark Schierenbeck MAJ Sarah Bolin	Validation of a Computer-based Nurse Anesthetist Clinical Performance Evaluation
28	<b>Nguyen</b> Navy	LT Jamie L. Moore LT Billy A. Nguyen	Improving Antidepressant Medication Adherence in Patients Diagnosed with Depression
29	<b>Oblea</b> Army	LTC Pedro Oblea COL Joshua S. Hawley-Molloy Dr. Terry A. Badger Dr. Kimberly Balsam LTC William Brown Dr. Bosny Pierre-Louis Mr. Joseph Dumayas Ms. Ashley Adams	LGBTQ Military Service Members Experiences with Stress, Outness, Discrimination, Health and Social Support
30	<b>Radford</b> Navy	CDR Kennett Radford Ms. Rina Berman Mr. Michael Zhang Dr. Kwang Choi Dr. T. John Wu	Sex-related differences in dissociative rat behaviors after intravenous ketamine
31	<b>Samosorn</b> Army	MAJ Angela Samosorn	Examining the Integration of New Media Instructional Technology in Nursing Education
32	<b>Schmidt</b> Army	MAJ Patricia Schmidt Ms. Mayu Sasaki Dr. Nathaniel Hupert	Quantifying Team Consistency and Patient Impact: a Literature Review
33	<b>Shinn</b> Air Force	Col Antoinette Shinn Lt Col Laurie Migliore Dr. Jennifer Thorton Ms. Antoinette M. McNeary- Garvin Mr. Randy Denis Ms. Ruby Langeslay Ms. Delicia Echevarria	Fluid Immersion System versus Traditional Mattress for Pressure Dispersion
34	<b>Vergara</b> Army	CPT Mario Vergara Ms. Hermina Ramos Dr. Irene Gilliland	The Effect of Depression on Dialysis Treatment Adherence
35	<b>Villamin</b> Army	LTC Matthew Ruemmler LTC Jeff Thompson CPT Kristoffer Villamin CPT Micah Krishnan Dr. John S. Klaric	Intraosseous Access Simulation to Improve Readiness in Anesthesia Providers

# **Virtual Poster Session**

#	Lead Author	Authors	Submission Title
1	<b>Abanes</b> Navy	CDR Jane Abanes Dr. Cynthia Hiers Dr. Bethany Rhoten Dr. Mary S. Dietrich Dr. Sheila H. Ridner	Feasibility and acceptability of a brief acupuncture intervention for service members with perceived stress
2	<b>Agazio</b> Navy	LTC (Ret) Janice Agazio CAPT Craig Cunningham Ms. Danielle Amos-Mejia Dr. Shannon Hillier LTC (Ret) Meryia Throop	Effects of separation/deployment on family functioning and parental stress
3	<b>Ayala</b> Army	Melissa Ayala COL Denise M. COL (Ret) Tomás Eduardo Ceremuga	Exploration of Predictive Modeling of DHA & VA Beneficiaries Dietary Supplements Use
4	<b>Braun</b> Navy	CAPT Lisa Braun CAPT Robert Hawkins CAPT Craig Cunningham	The Experience of Care during a Typical Day of Surgery
5	<b>Bridges</b> Air Force	Col (Ret) Elizabeth Bridges Dr. JoAnne Whitney Ms. Debra Metter Mr. Ernie Tolentino Dr. Robert Burr Lt Col Sarah Huffman	Prevention of Pressure injuries During Aeromedical Evacuation or Prolonged Field Care
6	<b>Buechel</b> Navy	CAPT Jennifer Buechel Dr. Eileen Fry-Bowers Col Candy Wilson Dr. Carmen Spalding CAPT Judy Dye LCDR Whitney Brock CDR Elizabeth Drake Ms. Natalie Todd	U.S. Military Service Members Navigating Infertility Care: A Grounded Theory Approach
7	<b>Cromer</b> Navy	LCDR Annissa Cromer LT Christine Westbrook LT Brent Phillips	ATP Testing in the Sterile Processing Department, a Process Improvement Project
8	<b>Davis</b> Navy	LT Akeeka Davis CAPT Harlin Dorey Ms. Jean Thurber Mr. Donald McCoy	Development of a Military Health System-focused educational program to prevent opioid misuse
9	<b>Dukes</b> Navy	Col Susan Dukes Col (Ret) Nicole Armitage	Centers for Clinical Inquiry (C2Is) Transition into the Future
10	<b>Evans</b> Navy	LCDR Shannon Evans	Breast Cancer Screening Tracking Project for Mid South Branch Health Clinic
11	<b>Hodson</b> Army	LTC Patricia Hodson LTC Sarah Eccleston Maj Nicole Ward Lt Col Katheryn Ellis CDR Anne Hollis LTC Pauline Swiger Dr. Mary McCarthy COL (Ret) Patricia Patrician	Developing an Evidence-Based, Joint Military Nursing Professional Practice Model

#	Lead Author	Authors	Submission Title
12	<b>Hopkinson</b> Army	COL Susan Hopkinson CPT Angela Green Ms. Brenda Hewitt 1LT Sara Grace	Peripheral Intravenous Catheter Dwell Time and Complication Risk:
13	<b>Huffman</b> Air Force	Lt Col Sarah Huffman Col (Ret) Tamara Averett-Brauer	Exploring International Training & Research Opportunities for ERC Interoperability
14	<b>Hutchings</b> Army	LTC Deanna Hutchings Ms. Darlene Deters Ms. Roxanne Naud Ms. Shelby Spurlock	Perceptions of Bedside Nurse Education in the Care of the ECMO patient
15	<b>leronimakis</b> Army	Ms. Kristina Ieronimakis MAJ Nicole Nelson	Participation in End-of-Life Rituals and the Impact on Coping and Moral Distress
16	<b>Johnson</b> Army	Ms. Kristina Ieronimakis MAJ Nicole Nelson	Participation in End-of-Life Rituals and the Impact on Coping and Moral Distress
17	<b>Jumpp</b> Air Force	Maj Savannah Jumpp	An Evidence-Based Competency Training Program for Blood Product Administration
18	<b>Killian</b> Air Force	Col Jacqueline Killian COL (Ret) Linda Yoder	Preliminary Results of An Assessment of Military Nurse Practitioner Role Transition
19	<b>Loan</b> Army	Dr. Lori Loan LTC Pauline Swiger LTC Tanekkia Taylor-Clark Dr. Dheeraj Raju Dr. Danielle Olds Ms. Colleen Anusiewicz COL Carla Dickinson COL (Ret) Patricia Patrician	Longitudinal Comparison of Nurse and Patient Outcomes in Military Hospitals
20	<b>Lucciola</b> Army	MAJ Megan Lucciola Ms. Tracy Ball Ms. Nancy Hodge	Improving Handoff Communication with the IPASS Mnemonic
21	<b>MacCoy</b> Air Force	Capt Lauren MacCoy Ms. Ann Lazarus	Therapeutic Applications to Decrease Anxiety on an Inpatient Behavioral Health Unit
22	<b>Mather</b> Navy	LT Melissa Mather CDR Lalon Kasuske Dr. Beverly Baliko	Simulation Training to Improve Knowledge & Skill of Newborn Dried Blood-Spot Screening
23	<b>Meade</b> Air Force	Capt Jessica Meade	So they Saved the Manikin, Now What? How to Effectively Deliver a Medical Simulation Debrief
24	<b>Migliore</b> Air Force	Lt Col Laurie Migliore CDR William Danchanko Col Jacqueline Killian Dr. Dominic Nathan Col (Ret) Penny Pierce Dr. Karen Stein LTC Christopher Stucky Ms. Robin Stalbaum	Military Identity Project

#	Lead Author	Authors	Submission Title
25	<b>Migliore</b> Air Force	Lt Col Laurie Migliore CAPT Lisa Braun Lt Col Cubby Gardner Lt Col Sarah Huffman Maj Savannah Jumpp LTC Christopher Stucky Ms. Emily Bell	Biobehavioral Considerations for Acute and Emergent Health Patient Transports: A Scoping Review
26	<b>Muller</b> Army	1LT Shelby Muller LTC Pauline Swiger	Using Human Centric Lighting to Improve Inpatient Sleep: A Feasibility Study
27	<b>Patrician</b> Army	COL (Ret.) Patricia Patrician LTC Pauline Swiger LTC Tanekkia Taylor-Clark Dr. Danielle Olds Dr. Dheeraj Raju Dr. Colleen Anusiewicz COL Carla Dickinson Dr. Lori Loan	Nursing Practice Environments in Military versus Civilian Hospitals
28	<b>Phillips</b> Air Force	Maj Angela Phillips	Menstrual Practices in Operational Military Women
29	<b>Phillips</b> Air Force	Maj Angela Phillips COL Candy Wilson	Trends in Military Policy and Research on Unintended Pregnancy
30	<b>Reinhardt</b> Army	Ms. Jennifer Reinhardt Ms. Emery A. Collier Dr. Kaitlin R. Morte Dr. Torbjorg A. Holtesaul Dr. Amanda L. Schmeltz Ms. Jeanette R. Little Dr. Matthew J. Eckert	Mobile Web-based Application for Perioperative Education of the Military Surgery Patient
31	<b>Riddell</b> Navy	LCDR Autumn Riddell LCDR Marie Edwards-Smith LT Patrice Hernandez	A Process Improvement Initiative to Reduce Emergency Department Overcrowding
32	<b>Rollon</b> Navy	LT Ronald Rollon	Using Simulation to Improve Self-Perceived Competency
33	<b>Salgado</b> Army	MAJ Sabas Salgado R. Sippel L. Hockersmith M. Garza A. Marchi	Degradation In Skills Within the MEDEVAC Community Overtime

#	Lead Author	Authors	Submission Title
34	<b>Salgado</b> Army	MAJ Sabas Salgado K. Green M. Bobinski C. Buffenbarger R. Sinteff, BSN, RN; Z. Desta G. Moreno C. Pierce B. Welsh T. Fogarty C. Rosselot R. Oleary A. FelixCamacho N. Riscassi C. Lee M. Rivera K. Biever	A Review of the First M5 Skill Identifier (SI) Enroute Critical Care Nurse (ECCN) in CENTCOM
35	<b>Savell</b> Air Force	Dr. Sheila Savell Mr. Darren Baldwin	Prehospital Ultrasound: A Literature Review
36	<b>Schmidt</b> Navy	LT Melissa Schmidt CDR Monica Lutgendorf LCDR Virginia Sullivan Mr. Jeffery Budge Ms. Pamela Carvahlo Ms. Anne Taylor Ms. Theresa Hart	Induction of Labor Care Pathway
37	<b>Siaki</b> Army	LTC (Ret) Leilani Siaki Ms. Janine Bowman	Advancing Practice, Pilot Testing Ambulatory Care Nurse-Sensitive Quality Indicators
38	<b>Simmons</b> Army	COL Angela Simmons COL Carla Dickinson COL (Ret) Deborah J. Kenny Dr. Kimberly Peacock Mrs. Sandra Jarzombek	Influencing the Professional Quality of Life among Nurses in a Military Facility
39	<b>Smart</b> National Guard	Lt Col (Ret) Denise Smart Dr. Gail Oneal Dr. Mary Lee Roberts Dr. Janessa Graves Dr. Lindsey Eberman Dr. Tamara Odom-Maryon Lt Col Stephanie Rowan SSgt Cory Edwards Maj (Ret) Dawn DePriest	Understanding Exertional Heat Illness in the Military: Using Haddon's Matrix
40	<b>Stucky</b> Army	LTC Christopher Stucky Col (Ret) Marla J. De Jong Dr. Felichism W. Kabo	The Paradox of Network Inequality: Differential Impacts of Status and Influence on Surgical Team Communication
41	<b>Stucky</b> Army	LTC Christopher Stucky Dr. F. Eric Robinson Lt Col Sarah Huffman Dr. Leslie Drummond Dr. Clayton Rothwell Maj Daniel Bevington	The Effect of Coordination on Critical Care Air Transport (CCAT) Team Performance

#	Lead Author	Authors	Submission Title
42	<b>Swiger</b> Army	LTC Pauline Swiger Ms. Jody Orina	Applying the 3P's to Survey Approval: Planning, Patience, and Perseverance (74)
43	<b>Talbot</b> Air Force	Col (Ret) Laura Talbot Dr. Emily Brede Dr. Jeffrey Metter	Work Efficiency in Relation to Self-Managed Interventions for Knee Injuries
44	<b>Taylor-Clark</b> Army	LTC Tanekkia Taylor-Clark Ms. Colleen V. Anusiewicz LTC Pauline A. Swiger Mrs. Caitlyn M. Campbell Dr. Lori A. Loan Dr. Danielle, M. Olds COL (Ret) Sara T. Breckenridge- Sproat COL Carla M. Dickinson Dr. Dheeraj Raju COL (Ret) Patricia Patrician	Measuring Potentially Preventable Reasons Why Nurses Leave Military Hospitals
45	<b>Taylor-Clark</b> Army	LTC Tanekkia Taylor-Clark COL (Ret) Patricia Patrician	Soldier-Centered Care: A Concept Analysis
46	Torris- Hedlund Army	MAJ Morgan Torris-Hedlund 1LT Koby Binks SSG Chad Dikilato	Reserve Soldiers' Needs during the Transition to the Army Combat Fitness Test
47	<b>Troncoso</b> Navy	CDR Melissa Troncoso	Contextual Factors Influencing Eating Behaviors in the Military: A Literature Review
48	<b>VanFosson</b> Army	LTC Christopher VanFosson Dr. Amanda M. Staudt Ms. Krystal K. Valdez-Delgado, Ms. Jennifer Trevino Dr. Mithun R. Suresh COL (Ret) Elizabeth Mann- Salinas	Anatomic Injury Patterns in Combat Casualties Treated by Forward Surgical Teams
49	<b>VanFosson</b> Army	LTC Christopher VanFosson Ms. Krystal Valdez-Delgado Ms. Jennifer Trevino Dr. Amanda M. Staudt COL (Ret) Elizabeth Mann- Salinas	Combat Casualty Care Readiness Following a Level 1 Trauma Clinical Exposure Training
50	<b>VanZant</b> Navy	LT Joshua VanZant LT Manuel Martinez	Nursing Lessons Learned from Multinational MilMed Exercises
51	<b>West</b> Army	LTC Gordon West Dr. Mariso Resendiz MAJ Dawn Blanchard CPT Timothy Horseman Mr. Michael Lustik	Preliminary Results: Ultraviolet Disinfection in the Clinical Environment
52	<b>Wilson</b> Air Force	Dr. Melissa Wilson	Moral Distress Tool Building Workshop for TriService Military Critical Care Nurses

#	Lead Author	Authors	Submission Title
53	<b>Yauger</b> Army	LTC Young Yauger MAJ Michelle D. Johnson 1LT Jordan Mark CPT Tho Le CPT Thomas Woodruff CPT Stephanie Silvey 1LT James Revis Ms. Dawn Blouin Dr. Joseph O'Sullivan Dr. Kerianne Brady Dr. Julie Hensler Col (Ret) Arthur Johnson	ET Administered Epinephrine Restores ROSC Within Pediatric Hypovolemic Cardiac Arrest
54	<b>Yauger</b> Army	LTC Young Yauger MAJ Michelle D. Johnson 1LT Jordan Mark CPT Tho Le CPT Thomas Woodruff CPT Stephanie Silvey 1LT James Revis Ms. Dawn Blouin Joseph O'Sullivan Dr. Kerianne Brady Dr. Julie G. Hensler Col (Ret) Arthur Johnson	TIO Epinephrine Restores ROSC in a Pediatric Normovolemic But Not Hypovolemic Arrest

### **TSNRP Research Interest Groups**

TSNRP is proud to support the following military nurse-led teams connecting multidisciplinary researchers with common interests for collaboration, mentoring, and education.

## **ARIG**

Led by CDR Kennett Radford, NC, USN

The Anesthesia Research Interest Group (ARIG) strives to optimize care and resourcing for the wartime surgical specialties through providing high quality evidence to care providers.

During the Virtual TSNRP Dissemination Course, the ARIG will host the following plenary sessions:

- TIO Epinephrine Restores ROSC in a Pediatric Normovolemic But Not Hypovolemic Arrest Presented by LTC John Yauger, PhD, CRNA
- · The Experience of Care during a Typical Day of Surgery Presented by CAPT Robert Hawkins, PhD, DNP, MPH. MS. MBA. MA. CRNA

For more information regarding the ARIG or to view the recorded plenary and poster sessions, visit the RIG website at:

https://triservicenursing.org/rig/

# **BHRIG**

Led by Lt Col Laurie Migliore, NC, USAF, CAPT Lisa Braun, NC, USN, LTC Christopher Stucky, NC, USA, Lt Col Sarah Huffman, NC, USAF (RIG mentee), and CDR Jane Abanes, NC, USN (RIG mentee)

The Biobehavioral Research Interest Group (BHRIG) provides a broader opportunity to synergize efforts in clinical inquiry focused on Behavioral Health to meet the needs of the military health system (MHS).

During the Virtual TSNRP Dissemination Course, the BHRIG will host the following plenary sessions:

- The Coping Self-Efficacy Scale in an Outpatient Sample of Active Duty Military Personnel Presented by CAPT Craig Cunningham, PhD, CNOR
- · Precision nutrition impact on health-related behavior change in Service Members Presented by MAJ (Ret) Mary McCarthy, BSN, MN, PhD

For more information regarding the BHRIG or to view the recorded plenary and poster sessions, visit the RIG website at:

https://triservicenursing.org/rig/

## **ExRIG**

Led by LTC Christopher VanFosson, NC, USA, Col (Ret) Elizabeth Bridges, COL (Ret) Elizabeth Mann-Salinas, and CAPT Virginia Blackman, NC, USN

The Expeditionary Research Interest Group (ExRIG) strives to optimize care and resourcing for the care of patients during expeditionary missions across the continuum of care by creating and providing high quality evidence.

During the Virtual TSNRP Dissemination Course, the ExRIG will host the following plenary sessions:

- Prevention of Pressure Injuries During Aeromedical Evacuation or Prolonged Field Care
  Presented by Col (Ret) Elizabeth Bridges, PhD RN CCNS, FCCM, FAAN
- Degradation In Skills Within the MEDEVAC Community Overtime Presented by Mr. Robert Sippel, MAEd, MAS, NRP, FP-C

For more information regarding the ExRIG or to view the recorded plenary and poster sessions, visit the RIG website at:

https://triservicenursing.org/rig/

## FIG

Led by CAPT Abigail Yablonsky, NC, USN, Dr. Whitney Brock, LTC (Ret) Janice Agazio, LTC (Ret) Kristal Melvin, LT Dehussa Urbieta, NC, USN (RIG mentee), and MAJ Wendy Hamilton, NC, USA (RIG mentee)

The Military Family Research Interest Group (FIG) is a collaborative triservice community of professionals with an interest in expanding the foundation of knowledge to build best practices in improving the care of the military family through the generation of family-based research.

During the Virtual TSNRP Dissemination Course, the FIG will host the following plenary sessions:

- Family Bereavement Implications for Military Personnel: A Focused Literature Review Presented by LT Dehussa Urbieta, BSN, RN, CPN
- Deployment Characteristics as Predictors of Parenting Stress Within Navy Parent Dyads Presented by CAPT Abigail Yablonsky, PhD., NP-C

For more information regarding the FIG or to view the recorded plenary and poster sessions, visit the RIG website at:

https://triservicenursing.org/rig/

# **HSIRIG**

Led by Lt Col Cubby Gardner, NC, USAF, LTC Pauline Swiger, NC, USA, CDR Lalon Kasuske, NC, USN, and COL (Ret) Patricia Patrician

The Health Systems and Informatics Research Interest Group (HSIRIG) strives to collaboratively develop a research and evidence-based practice agenda that will align resources and foster rigorous scientific inquiry to enhance MHS resource planning, with respect to nursing care, to improve patient outcomes.

During the Virtual TSNRP Dissemination Course, the HSIRIG will host the following plenary sessions:

- Applying the 3P's to Survey Approval: Planning, Patience, and Perseverance Presented by LTC Pauline Swiger, PhD, RN, CNL, CMSRN
- Longitudinal Comparison of Nurse and Patient Outcomes in Military Hospitals
  Presented by Dr. Lori Loan, PhD, RN, FAAN

For more information regarding the HSIRIG or to view the recorded plenary and poster sessions, visit the RIG website at:

https://triservicenursing.org/rig/

# **MWHRIG**

Led by Col Candy Wilson, NC, USAF, LTC Leilani Siaki, NC, USA, Lt Col Dawnkimberly Hopkins, NC, USAF, CAPT Jennifer Buechel, NC, USN, Col (Ret) Lori Trego, and LTC Lana Bernat, NC, USA (RIG mentee)

The Military Women's Health Research Interest Group (MWHRIG) is a collaborative TriService community of professionals with an interest in expanding the foundation of knowledge upon which can be built expert practices in preventive, acute, and chronic health care for sex-specific, sex-difference, and gender health needs to influence policy and program development to support the wellbeing of all service members.

During the Virtual TSNRP Dissemination Course, the MWHRIG will host the following plenary sessions:

- Menstrual Practices in Operational Military Women
   Presented by Maj Angela Phillips, PhD, MSN, WHNP-BC, RN
- Improving breast, cervical, and colon cancer screenings HEDIS metrics
   Presented by Lt Col Miev Carhart, DNP, WHNP-BC

For more information regarding the MWHRIG or to view the recorded plenary and poster sessions, visit the RIG website at:

https://triservicenursing.org/rig/

### **Course Planning Committee**

**Emily Bell** Kemia Duncan-Kirby Christine Leyden Kesha Chandler **CAPT Heather King** Shannon Sarino

### **Abstract Judges**

Dr. Janice Agazio CAPT (ret.) Watts-Kelley LTC Christopher Stucky Dr. Paul Austin Lt Col Laurie Migliore Col (ret.) Laura Talbot Col (ret.) Elizabeth Bridges COL (ret.) Ann Nayback-Beebe LTC Christopher VanFosson Dr. Becky Christian LTC Pedro Oblea LTC Gordon West CDR Ken Radford Col (ret.) Nicole H. Armitage Dr. Joan Wasserman Col Susan F. Dukes CDR Assanatu Savage Col Candy Wilson CDR Carl Goforth Col Antoinette Shinn Dr. Anne White COL Susan G Hopkinson CAPT (ret.) Anita Smith

### **Poster Judges**

CAPT Virginia Blackman **COL Susan Hopkinson** LTC Chris VanFosson Lt Col David Bradley Col Jacqueline Killian **CAPT Michele Kane** 

CAPT Judy Dye LTC Kyong Hyatt

CAPT (ret.) Patricia Kelley LTC Deanna Settelmeyer

Special appreciation to The Geneva Foundation for supporting the 2020 TSNRP Research and Evidence-**Based Practice Dissemination Course.** 

#### Disclaimer

The views, opinions, and/or findings reported at the TSNRP Research and EBP Dissemination Course are those of the author(s) and should not be construed as official Department of Defense or other U. S. government agency positions, policies or decisions. TSNRP will also not be held responsible for any mishap, personal injury, loss of property, theft, medical issue, or vandalism.

### Mark your Calendar!

Be on the lookout for TSNRP future courses and workshops available in 2021 (pending DoD travel and meeting guidance during the COVID-19 pandemic.).

2021 Anticipated Courses:

#### **TSNRP Research and Evidence- Based Practice Dissemination Course**

April 2021

San Antonio, Texas

#### **TSNRP Grant Camp**

July 2021

San Diego, California

### **TNSRP Scientific Writing Workshop**

Virtual Meetings June-August 2021 In-Person Workshop September 2021 San Diego, California

### **TSNRP Funding Deadlines:**

FY21 B Call submissions due December 31, 2020 FY21 Open call for TSNRP High Priority Awards For Graduate and Corps Chief-directed Applications Only

Find out more information at www.usuhs.edu/tsnrp



## **TriService Nursing Research Program**

4301 Jones Bridge Road Bethesda, MD 20814

Tel: 301-319-0596 | Fax: 301-319-0603

www.usuhs.edu/tsnrp

