

Naval Medical Center Camp Lejeune



15th Annual **RESEARCH** **SYMPOSIUM**

17 April 2025
Marston Pavilion
Camp Lejeune, NC

Morning Schedule

0730	Registration	Marston Pavilion Lobby	
0800	Morning Introduction	LCDR Sharma Shukla	Tinian Room
0805	Opening Remarks	CAPT Anja Dabelić	Tinian Room
0820	Keynote Speaker	CDR Eric Tobin	Tinian Room
0930	Poster Competition	Case Reports	Betio Room
0930	Podium Presentations	Quality Improvement & Literature Reviews	Tinian Room
1200-1300 Break 1230-1300 Ask the Experts			

Afternoon Schedule

1300	Introduction	LCDR Sharma Shukla	Tinian Room
1300	Poster Competition	Quality Improvement Clinical Research Literature Reviews	Betio Room
1300	Podium Presentations	Original Research	Tinian Room
1515	Break/Networking	Betio & Tinian Rooms	
1530	Awards Ceremony	Tinian Room	

Keynote Speaker

CDR ERIC T. TOBIN

DNP, FNP-C, NC, USN

Commander Eric T. Tobin is the Uniformed Service University of the Health Sciences Daniel K. Inouye Graduate School of Nursing Phase II Site Director for Family Nurse Practitioners, Women's Health Nurse Practitioners, and Psychiatric Mental Health Nurse Practitioners at Naval Medical Center Camp Lejeune. He is a board-certified Family Nurse Practitioner (FNP-C) with 28 years of service. He graduated from Morris College with a Bachelor of Science in Biology and Old Dominion University with a Bachelor of Science in Nursing (BSN). He holds a Doctor of Nursing Practice (DNP) as a Family Nurse Practitioner (FNP) from the University of San Diego.



Commander Tobin enlisted in the United States Navy in 1996 as a Hospital Corpsman. After completing Hospital Corps School, he attended the Naval School of Health Sciences to become a Medical Laboratory Technician. Upon completing the program, he received an Associate's degree in Health Sciences Laboratory Technology from George Washington University in 2001. He served in the enlisted ranks for eight years and rose from Hospital Corpsman (HN) to Second Class Petty Officer (HM2). In 2002, he was mobilized with Fleet Surgical Team 8 onboard the USS Wasp (LHD-1) during Operation Iraqi Freedom. In 2005, after graduating with a Bachelor of Science in Nursing, he received a commission as an Ensign in the United States Navy Nurse Corps. While serving as a nurse, he worked in a specialty Medical-Surgical unit, the Intensive Care Unit. He served as the Family Medicine Department's clinical manager and Division Officer, Interim Department Head for the Family Medicine Department at Naval Hospital Rota, Spain. He was also subsequently the Department Head for the Sports Medicine and Rehabilitation Therapy Clinic at Branch Health Clinic Marine Corps Recruit Depot Parris Island, South Carolina. Afterward, he became the Director of Medical Services at Naval Medical Readiness and Training Command Beaufort, South Carolina.

His personal awards include Meritorious Service Medal, Navy-Marine Corps Commendation Medal (two awards), Navy-Marine Corps Achievement Medal (two awards), Good Conduct Medal (two awards), National Defense Service Medal, Global War on Terrorism Expeditionary Service Medal, Global War on Terrorism Service Medal, and Navy-Marine Corps Overseas ribbon (six awards). Armed Forces Service Medal and Humanitarian Service Medal (two awards), and he has achieved his Enlisted Surface and Air Warfare qualification.

Morning Poster Presentations

Case Reports

- 25-0002: Kathryn Banks, OMS-2, CUSOM. Metastatic Cervical Carcinoma: Case Report and Review of HPV Vaccine and Cervical Cancer Screening Recommendations.
- 25-0009: Dr. Torrin Ludberg, Cape Fear Valley. A Case of Phlegmasia Cerulea Dolens with Compartment Syndrome.
- 25-0010: Dr. Akinwale Akingbule, Cape Fear Valley. Early detection and treatment of coronary artery disease in an asymptomatic young patient with Wellens' syndrome.
- 25-0014: LT Goldin, MC, USN. Breaking the Fever: A Diagnostic Challenge of Hemophagocytic Lymphohistiocytosis (HLH).
- 25-0018: LT Amaya, MC, USN. Chronic Thromboembolic Pulmonary Hypertension (CTEPH) fueled by recurrent Pulmonary Embolism.
- 25-0020: LT Anusri, MC, USN. Cryptogenic Lateral Medullary Stroke in a Young Active-Duty Male.
- 25-0023: Pranesh Gayam, OMS-2, CUSOM. A Case of Chronic Obstructive Pulmonary Disease with Review of Risk Factors.
- 25-0027: Thierry Bustani, CUSOM. Neonatal Management of Ectodermal Dysplasia Following a Complex Perinatal Course: A Case.
- 25-0028: Nainika Nandiagama, CUSOM. Viral Meningitis in a Child: A Case of Herpes Simplex Virus Type 2 in a 10-Year-Old.
- 25-0030: Mishal Siddiqui, CUSOM. A Case Report of Leptospirosis in a 14-Year-Old North Carolina Adolescent.
- 25-0032: William Bukowski, OMS-3, CUSOM. Atypical Jaundice in a Pediatric Patient: Paroxysmal Cold Hemoglobinuria.
- 25-0034: Nesreen Abu Khalaf, CUSOM. Compressed Air-Hydrocarbons/Air Duster Poisoning: A Case Report

Morning Poster Presentations

Case Reports

- 25-0035: Dr. Priyanka Ramesh, Cape Fear Valley. Varicella-Zoster Virus Encephalitis: A Diagnostic Challenge in an Immunocompetent Patient.
- 25-0036: Dr. Priyanka Ramesh, Cape Fear Valley. Vomiting Your Way to Seizures: A case of cyclical vomiting syndrome causing PRES in adult female.
- 25-0041: Mariah Walker, CUSOM. Diagnosis and Treatment of Uterine Fibroids.
- 25-0042: LCDR Terukina, MC, USN. Atrial Fibrillation Like No Other.
- 25-0044: LCDR Sharma, MC, USN. Femoral Neck Stress Fracture: A Diagnostic Pitfall in Active Individuals.
- 25-0045: LT Buckman, MC, USN. Myxedema induced heart failure in a 60-year-old female: A case report.
- 25-0046: LT MCCourt, MC, USN. Mycoplasma-Induced Rash and Mucositis: New Spectrum of Infectious Mucocutaneous Syndromes.
- 25-0047: LT Hathaway, MC, USN. Heart Failure and Ventricular Arrhythmia secondary to Emery-Dreifuss Muscular Dystrophy.
- 25-0048: LT Oliver, MC, USN. Shortness of Breath.
- 25-0053: LT Buchanan, DC, USN. Cross Mounting Technique Case Report.
- 25-0055: LT Martzall, MC, USN. Rhabdomyolysis Masquerader.
- 25-0059: CDR Ferguson, MC, USN. We Knee'd A Better Differential.
- 25-0060: CDR Mojicavazquez, MC, USN. Jumping Into Conclusions.

Afternoon Poster Presentations

Literature Reviews

- 25-0001: OC Meletiche, PA-S, USN. Fecal Transplants and Bowel Disease.
- 25-0003: OC Hancock, PA-S, USN. Recommended Age for Colorectal Cancer Screening in Average Risk Patient.
- 25-0004: OC Hopper, PA-S, USN. Antibiotic treatment for acute uncomplicated appendicitis in forward military settings.
- 25-0005: Muhammad Mawaz, CUSOM. Angiogenesis Pathways: Unraveling the Impact of the Left Ventricular Assist Device on Cardiac Physiology and Beyond.
- 25-0007: OC White, PA-S, USN. Onychectomy in Primary Care.
- 25-0013: OC Smith, PA-S, USN. Should Moxifloxacin 0.5% Ophthalmic Solution be used as a first-line agent in the treatment of acute bacterial conjunctivitis?
- 25-0015: OC Davidson, PA-S, USN. Is Platelet-Rich Plasma as Effective as Corticosteroid Injections for Pain Improvement in the Management of Lateral Epicondylitis?
- 25-0016: OC Moore, PA-S, USN. Evaluating the Mediterranean Diet's Impact on the Clinical Components of Metabolic Syndrome.
- 25-0021: OC Brandt, PA-S, USN. Intermittent Fasting for Lowering HbA1c in Type 2 Diabetes.
- 25-0038: LT Campo, MC, USN. Benefits of More Plant Based Options: Helping Servicemembers Now and In Retirement.
- 25-0049: LT Manley, DC, USN. Short Root Anomaly: Awareness & Management.
- 25-0050: LT Davis, DC, USN. Low Level Light Therapy and Dentistry.
- 25-0051: LT Chico, DC, USN. Curodont: A New Approach to Minimally Invasive Dentistry.

Afternoon Poster Presentations

Literature Reviews

- 25-0052: LT Russell, DC, USN. Ligaplasts.
- 25-0054: LT Howard Tellman, DC, USN. Theobromine: A Potential Alternative for Fluoride.
- 25-0057: Dr. Samuel Cripps, PhD, Duke University. Electronic cigarettes in adverse pregnancy outcomes: a comprehensive review.

Clinical Research

- 25-0011: Jeffrey Russell, AuD. Distortion-Product Otoacoustic Emissions in Combat Engineers Exposed to Impulsive Noise and Blast Overpressure.
- 25-0019: Camden Powers, OMS-3, CUSOM. Maternal Mental Health Affecting Delivery Method in Southern America: A Retrospective Cohort Study.
- 25-0037: LT Sabath, MC, USN. A Randomized, Double-Blind Study on the Effect of OnabotulinumtoxinA (BOTOX®) vs. IncobotulinumtoxinA (XEOMIN®) Botulinum Toxin in Adults with Chronic Migraine.
- 25-0039: Sarah Tong, CUSOM. A One Health Examination of Backyard Chicken Operations.

Quality Improvement

- 25-0026: LCDR Liu, NC, USN. Enhancing Patient-Centered Care: A Quality Improvement Project for Self-Management Goals Documentation in Primary Care.
- 25-0029: SSgt Jones, USMC. Assessing Sports-Related Injuries in First-Term Marines: Prevalence, Causes, and Prevention Strategies.
- 25-0043: LCDR Terukina, MC, USN. A Quick Connection.
- 25-0056: Dr. John Grady, MD. Efficacy of a Holistic, Integrated, Interdisciplinary Intensive Outpatient Treatment Program of Military Personnel with a History of Mild Traumatic Brain Injury (mTB) and Associated Comorbidities.

Morning Podium Presentations

Quality Improvement

- 0930: 25-0017: Zena Sabath, LT, USN; Dr. John Busclas; Jaqueline Buckley, PharmD; Dr. Michaela Cahill; Dr. John Coomes; Dr. Jack Gomperts; Ms. Deborah Hawkinberry.
NMCCL Subcutaneous Insulin Protocol for the Treatment of Mild to Moderate DKA.
- 0955: 25-0025: Yin Payton, LCDR, USN; Dr. Moret; Eric Tobin, CDR, USN.
Treating Mild to Moderate Anxiety and Depression with Low-Intensity Cognitive Behavioral Therapy to Increase Access to Care at Decreased Cost.
- 1015 25-0033: Joshua Radney, LT, USN; Jaqueline Buckley, PharmD; Laura Gilbert, LCDR, USN.
Increasing Blood Culture Microbial Growth Through Optimization of Blood Culture Volume Collection: A QI Project.
- 1035: 25-0056: Jessica Forde, PhD, CDR, MSC USN; Dr. John Grady, MD; Glenn Noble, PhD, LT, MSC, USN; Thomas Johnson, MD; Moira Maus, MSOT OTR.
Efficacy of a Holistic, Integrated, Interdisciplinary Intensive Outpatient Treatment Program of Military Personnel with a History of Mild Traumatic Brain Injury (mTB) and Associated Comorbidities.

Literature Review

- 1055: 25-0031: Dr. Samuel Cripps, PhD; Laney Herndon, B.S; Hannah Easow, B.S; Zahra Fatima, B.S; Claudia Lenhart, B.S; Margeaux Marbrey, PhD.
Electronic cigarettes in adverse pregnancy outcomes: A comprehensive review
- 1115: 25-0040: Turner Donlin, OMS-2, CUSOM.
The Future of Bariatric Surgery in the GLP-1 Era: A Literature Review on Evolving Obesity Treatment Paradigms

Afternoon Podium Presentations

Research

- 1300: 25-0006: Carletto Emily, OMS-3; Todd Anderson MS4; Camden Powers MS3; Mark Bushhouse MS3; David Schutzer MD.
Advancing Maternal Age and Its Association with Gestational Hypertension, Diabetes, and Pre-Eclampsia: A Retrospective Cohort Study.
- 1325: 25-0008: Caroline Jenkins, BSN-RN; Stephanie Turrise PhD, MBA, RN-BC, APRN, CNE, CHFN, FAHA; Carolyn Kleman PhD, MHA, RN, CNE, BCPA; Barbara Lutz, PhD, RN, CRRN, PHNA-BC, FAHA, FAAN; Sonya SooHoo, PhD; Bridgette Williams, MSN, FNP; Heidi Winslow DNP, RN; Kori Even Meyers PhD; Nia Lewis, Undergraduate student.
Are Your Primary Care Patients Ready for Heart Failure Self-Care? Readiness Takes Commitment and Capacity.
- 1355: 25-0012: Kelsey Rochester, DPT; Donald Goss, Col (R), PT; Ignacio Gaunaud, PT; Matthew Helton, LTC, PT; Andrea Marshall, MAJ, PT; Nicholas Reilly, Research Scientist; Caitlin Tucker, R.
Body-Worn Sensors for Risk of Injury Prediction during Military Training: Prospective Injuries Observed in the 18th Airborne Corps.
- 1425: 25-0022: Callista Osley, OMS-3; Todd Anderson MS-4; Dr. David Schutzer.
Postpartum Bleeding by Race in a Large Southeastern Medical Center: A Retrospective Cohort Study.
- 1455: 25-0024: Michael Lee, CDR, USN; Peter Schenke MSN; Matthew Faller MD; Henry DeYoung MD; Ashley Adams BA.
Comparison of Deep Versus Awake Tracheal Extubation in Adults.



Categories of Competition

Awards to be Presented:

Podiums

Best Research Podium Presentation

Best QI/PI Podium Presentation

Best Literature Review Podium Presentation

Posters

Best Case Report Poster

Best Investigational or Educational Research

Best QI/PI Poster

Best Literature Review Poster Presentation

**Thank you for attending the
15th Annual Research Symposium**

**Brought to you by
the Clinical Investigations
&
Family Medicine
Departments.**



*A special thank you...
to our judges for their time
and expertise.*

*Thank you to
The Geneva Foundation
and
The Henry J. Foundation.*

