Joining Forces:  
Military Medicine from the Battlefield to Everyday Practice  
Mini-Elective  
Spring 2018  

Course Dates:  
January 12, 19, 26, February 2, 9  
Fridays, 1:30-3:30 PM  

Maximum Students:  
15  

Class Year:  
MS1 and MS2  

Course Director:  
Jo-Anne Suffoletto, MD, MSc  
Associate Chief of Staff for Education and Innovative Learning  
VA Pittsburgh Healthcare System  
Assistant Professor of Medicine  
University of Pittsburgh SOM  
Ron Poropatich, MD  
Executive Director, Center for Military Medicine Research  
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Contact Information:  
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Registration:  
Betsy Nero, Office of Medical Education  
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Description:  
This five-session mini-elective is designed to give medical students a fundamental understanding of the widespread impact of military medicine upon modern medicine from the unique treatment considerations of caring for individual veterans to the breadth of medical innovation and discovery born out of times of war. This course is interactive with varied session formats including: short lectures, panel discussions, problem-based learning, and mock interview practice.  

Course Objectives:  
- Practice asking a military history and explain its importance in a complete medical history.  
- Describe the unique exposures different generations of veterans have encountered through various war and peace-time deployments.  
- Identify ways in which military culture and experience may effect patients’ health.  
- Describe common symptom patterns and risk factors associated with post-traumatic stress disorder, depression, and suicide.  
- Identify ways in which war-time medical innovations have shaped various standard of care practices in modern medicine.  

Requirements:  
Active participation and attendance at 4 of the 5 sessions.  

Pre-Requisites:  
None
COURSE OUTLINE

Name of Course
Joining Forces: Caring for Veterans at the VA and in the Private Sector

Course Director(s):

Jo-Anne Suffoletto, MD, MSc
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VA Pittsburgh Healthcare System
Joanne.suffoletto@va.gov

Ron Poropatich, MD
Executive Director, Center for Military Medicine Research, Health Sciences at the University of Pittsburgh School of Medicine

Texts: none
Locations: Identified in each course session

Session 1: Who are our Veterans? – January 12th
Ron Poropatich, MD
Veteran Panel Discussion
Location: UPitt SOM; Scaife 426 A/B

With the U.S. veteran population numbering greater than 22 million, chances are good that medical students and professionals will encounter and treat former military members whether they practice at a VA or in the private sector. During this session, we will discuss the unique exposures different generations of veterans have faced during the 20th and 21st centuries and how these exposures have impacted their health. We will have an opportunity to meet with veterans from different eras to discuss their military experiences as well as their healthcare experiences either through VA or the private sector.

Week 2: Traumatic Brain Injury: The Signature Wound of Iraq/Afghanistan – January 19th
Dr. Anthony Kontos - UPMC Sports Medicine Concussion Program
Location: UPMC Center for Sports Medicine, South Side

Traumatic brain injury (TBI) occurs when a sudden head injury disrupts the function of the brain. Most reported TBI among Operation Enduring Freedom and Operation Iraqi Freedom (OEF/OIF) veterans has been linked to head trauma secondary to improvised explosive devices (IEDs). This week we will cover screening, diagnosis, treatment, and rehabilitation considerations of caring for veterans with TBI.

Week 3: Post-traumatic Stress Disorder, Depression and Suicide: Invisible Wounds of War – January 26th
Jennifer Fabrizio, PhD, Kate DeNardi, PhD, and Michael Boland, MSEd, CTR
Location: UPitt SOM; Scaife 426 A/B

With the increasing incidence of suicide and suicide attempts among returning veterans, we will explore the interplay and distinctions between post-traumatic stress disorder (PTSD), depression, and suicide. During this session we will review common symptom patterns associated with PTSD and depression and we will discuss risk factors associated with suicide among veterans. We will learn and practice how to ask screening questions related to PTSD and depression. The second half of the session will be spent practicing these interview skills with a standardized patient.

Week 4: Deployment/Combat trauma/Echelons of Care – February 2nd
Ron Poropatich, MD
Location: VA Pittsburgh, University Drive – Learning Exchange

During this session we will discuss what medicine in the combat arena currently looks like from point of injury and life-saving combat medic care to evacuation and definitive management.

Week 5: Why work in military medicine? - February 9th
Jo-Anne Suffoletto, MD, MSc and Ron Poropatich, MD
Physician Panel Discussion – Research, Education, and Clinical Faculty
Location: VA Pittsburgh, University Drive – Learning Exchange
There is a long, rich history of medical innovations born out of necessity during times of war. This week students will investigate the origins of several military medicine innovations that are now considered the standard of care in civilian medicine. We will end the session, with a physician panel of research and clinical faculty from the medical school, UPMC, and the VA who have been or are currently involved in military medicine and how this experience has affected or shaped their careers.

**Course Requirements:** Active participation and attendance at 4 of the 5 sessions.