# SEATTLE ERIC

Seattle Epidemiologic Research and Information Center (ERIC)
VA Cooperative Studies Program Epidemiologic Center
Nicholas L. Smith, PhD, Director



# Mission

To improve the health and health care of US Veterans by promoting the principles and practice of state-of-the-art epidemiologic research within the Veterans Health Administration (VHA)



#### Studies of Vietnam-Era Veterans

CSP #256: Vietnam Era Twin (VET) Registry

Male-male monozygotic (identical) and dizygotic (fraternal) twin pairs (n=14,740) who served during the Vietnam era. A unique sample of Veterans for investigators to study the genetic and environmental determinates of diseases' origins and outcomes.

CSP #569: VET Registry and PTSD

Longitudinal study of 5,141 VET Registry twins to examine the mental and physical health as they age with a focus on the relationship post-traumatic stress disorder (PTSD) has with cardiovascular disease and diabetes.

CSP #2007: National Vietnam Veterans Longitudinal Study (NVVLS) Longitudinal study of the health effects of military service in Vietnam among 2,348 Veterans.

## Studies of Gulf War and OEF/OIF/OND Veterans

CSP #505: Millennium Cohort

Deployment health study among 201,469 (and growing) male and female service members, 42% of whom are now Veterans.

CSP #595 Pilot: OEF/OIF Study of Veteran Health Study characterizing the impact of deployment to Iraq and Afghanistan on the respiratory health of Veterans.

#### Studies of All Veterans

OSP #488: Prevalence of Hepatitis C Nationally representative sample of 1,288 Veterans to characterize the prevalence of hepatitis B and C.

CSP #G002: Million Veteran Program

Large, VHA-based study collecting genotype information on 1,000,000

Veterans for association analyses with medical record phenotypes.

# VA Career Development Awardees (CDA)

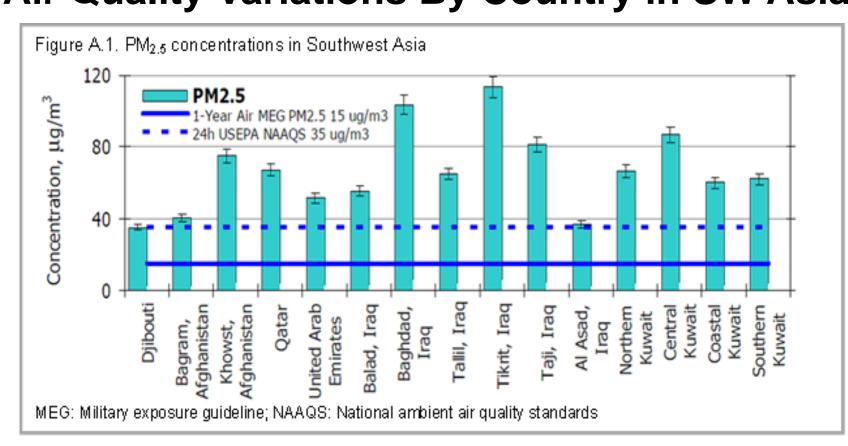
Alyson Littman, PhD, Epidemiology CDA: Rehabilitation Research and Development



Pradeep Suriyaarachchi, MD, MSc CDA: Clinical Science Research and Development

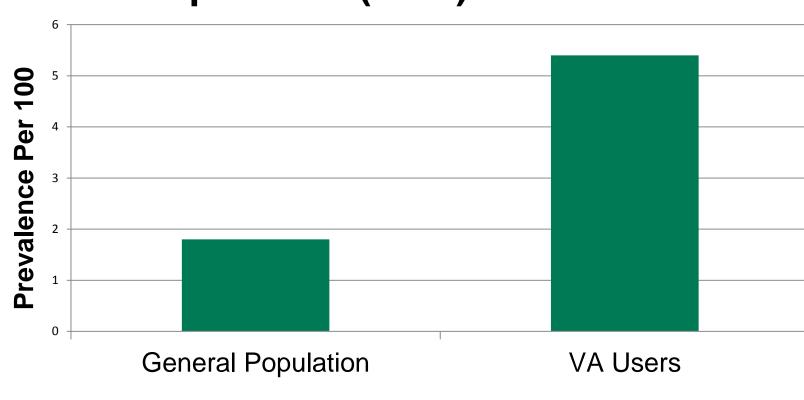


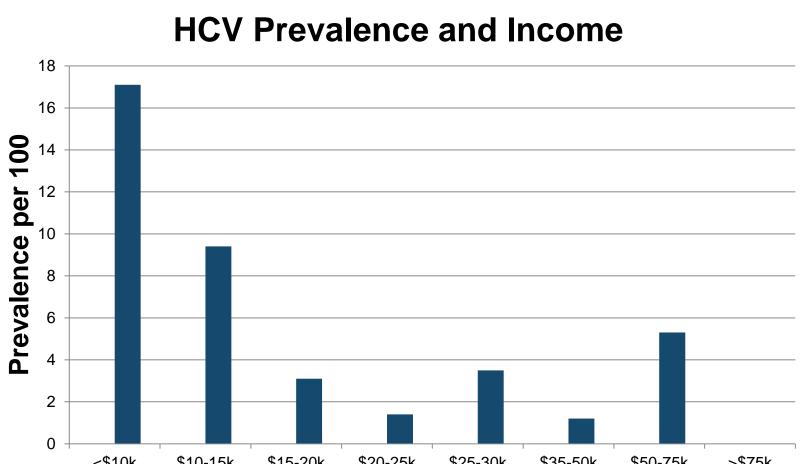
#### Air Quality Variations By Country in SW Asia



Engelbrecht JP, McDonald EV, Gillies JA, Gertler AW. (2008) Department of defense enhanced particulate matter surveillance program (EPMSP). *DTIC Document*.

### Prevalence of Hepatitis C (HCV) Infection





Dominitz, JA, et. al. (2005) Elevated Prevalence of Hepatitis C Infection in Users of United States Veterans Medical Centers. *Hepatology*, 41(1), 88-96.



