

PHD EPIDEMIOLOGY

SEMINAR & DISSERTATION PROPOSAL DEFENSE

**Epidemiology and
Mechanisms of Adverse
Hearing Outcomes in U.S.
Military Service Members
and Veterans of Recent Wars**

BY KELLY REAVIS, MPH

WHEN

12.13.2018 | 10:30 am to 11:30 am

WHERE

OHSU School of Nursing, Room 364
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Hazardous noise and blasts are prevalent military occupational exposures that can result in adverse hearing outcomes among US military Service members and Veterans, with subsequent profound consequences on health and wellbeing. Significant knowledge gaps exist regarding a foundational understanding about the burden of hearing loss and epidemiologic associations between military exposures and hearing both during and after service and mechanisms that can explain these effects. The proposed project aims to estimate the prevalence of hearing loss by severity, magnitude of hearing changes during military service, and mechanisms of blast exposure effects on perceptual hearing deficits using innovative epidemiologic approaches.



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