

Meeting of the Research Advisory Committee on Gulf War Veterans' Illnesses (RAC-GWVI)
Department of Veterans Affairs

CALL-IN: (800) 767-1750; access code 56978#

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AGENDA

Wednesday, November 18, 2020

8:00am PT / 9:00am MT / 10:00am CT / 11:00am ET

11:00–11:05	Opening Remarks and Welcome	Karen Block, PhD Designated Federal Officer
		Lawrence Steinman, MD, Chair Res Adv Cmte on GW Veterans' Illnesses
11:05–11:10	Message from the VA Secretary (video)	The Honorable Robert L. Wilkie
11:10-11:30	FACA 101 Training	Jeff Moragne Director, Advisory Committee Management Office
11:30–11:35	VA Gulf War Research Program Update: Overview of the VA-DoD Gulf War Illness State of the Science Conference	Karen Block, PhD Director, Gulf War Research VA Office of Research and Development
11:35–1:30	Strategic Planning: GWI State of the Science Review	Lawrence Steinman, MD, Chair and RACGWVI Committee
	11:35-11:45 Consortia	
	11:45-11:50 Biorepositories	
	11:50-12:15 Treatments	
	12:15-12:30 Epidemiology	
	12:30-12:50 Definition and Diagnostic Biomarkers	
	12:50-1:20 Pathobiology	
1:20-1:30	Closing Comments	Lawrence Steinman, MD, Chair
1:30-2:00	Public Comment	
2:00	Adjourn	

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11:35–1:20 Strategic Planning: GWI State of the
Science Review

Lawrence Steinman, MD, Chair and the
RACGWVI Committee Teams

- James Baraniuk, MD
- Brent Casey, Gulf War Veteran
- Richard Gaard, Gulf War Veteran
- Drew Helmer, MD
- Carey Pope, PhD
- Barbara Ward, PhD
- Jane Wasvick, RN
- Bill Watts, Gulf War Veteran
- James Woody, MD

CONSORTIA

11:35 – 11:38 **Helmer / Gaard**

Cournoyer, Jeff, ATC, Comparison of Exercise Performance in Men with Gulf War Illness & Myalgic Encephalomyelitis.

<https://tinyurl.com/Cournoyer>

11:38 – 11:41 **Watts / Steinman**

Klimas, Nancy, MD, An Integrative Modeling Approach to GWI

<https://tinyurl.com/ModelingApproach>

11:41 – 11:44 **Ward / Steinman**

Balbin, Elizabeth, MSc, Gulf War Illness: Web-Based Clinical Research and Registry Study

<https://tinyurl.com/RegistryStudy>

11:44 – 11:47 **Watts / Woody**

Klimas, Nancy, MD / Cheema, Amanpreet, PhD, GWI Clinical Trials and Interventions Consortium (GWICTIC): improving outcomes with patient-centric research

<https://tinyurl.com/GWICTIC>

BIOREPOSITORIES

11:47 – 11:50 **Casey / Woody**

Provenzale, Dawn, MD, MS / Sims, Kellie, PhD, The Gulf War Era Cohort and Biorepository: A Research Resource of Gulf War Era Veterans

<https://tinyurl.com/Provenzale>

TREATMENTS

11:50 – 11:53 **Helmer / Wasvick**

McAndrew, Lisa M., PhD. Results of a Clinical Trial of Problem-Solving Treatment for Gulf War Illness <https://tinyurl.com/ProblemSolvingTreatment>

11:53 – 11:56 **Wasvick / Casey**

Nugent, Shannon, PhD, Listening to Gulf War Veterans: A Qualitative Inquiry into the Health Experience and Treatment of those with GWI
<https://tinyurl.com/ListeningtoVeterans>

11:56 – 11:59 **Watts / Woody**

Chao, Linda, PhD. A Randomized Controlled Trial of CBT for Insomnia in Veterans with GWI
<https://tinyurl.com/ChaoCBT>

11:59 – 12:02 **Casey / Woody**

Holton, Kathleen, PhD, MPH, The Low-Glutamate Diet Significantly Improves Pain and Other Symptoms after One Month in Veterans with GWI
<https://tinyurl.com/HoltonDiet>

12:02 – 12:05 **Helmer / Gaard**

Natelson, Benjamin, MD, Noninvasive Vagus Nerve Stimulation (nVNS) as a Possible Treatment for Chronic Widespread Pain in Gulf Veterans with Gulf War Illness
<https://tinyurl.com/Natelson>

12:05 – 12:08 **Casey / Woody**

Leung, Albert, MD, Alleviating Gulf War Illness Symptoms with Repetitive Transcranial Magnetic Stimulation (TMS) / Motor cortical excitability impairment in Veterans with Gulf War Illness Related Headache and Body Pain
<https://tinyurl.com/LeungTMS>

12:08 – 12:11 **Pope / Watts**

Bach, Ronald, PhD, Efficacy of Low-Dose Prednisone Chronotherapy in the Treatment of Gulf War illness <https://tinyurl.com/BachPrednisone>

12:11 – 12:14 **Steinman / Pope**

Attaluri, Sahith, PhD (PI: Ashkok Shetty, PhD), Low-Dose Curcumin Nanoparticle Therapy Improves Brain Function in a Model of Chronic Gulf War Illness
<https://tinyurl.com/Attaluri>

EPIDEMIOLOGY

12:14– 12:17 **Pope / Wasvick**

Schneiderman, Aaron, PhD, MPH, RN, Mortality of 1990-1991 Gulf War and Gulf War Era Veterans: Twenty-Five Years after the War

<https://tinyurl.com/25YearsAfter>

12:17 – 12:20 **Wasvick / Pope**

Krengel, Maxine, PhD, Longitudinal Change of Health Symptoms in Relation to Neurotoxicant Exposures in 1991 Gulf War Veterans: The Ft. Devens Cohort

<https://tinyurl.com/FtDevons>

12:20 – 12:23 **Ward / Casey**

Pugh, Mary Jo, PhD (PI: Nathan Kimbrel, PhD), Comorbidity Phenotypes in Gulf War Era Veterans

<https://tinyurl.com/ComorbidityPhenotypes>

12:23 – 12:26 **Wasvick / Pope**

Coughlin, Stephen, PhD, Gulf War illness and Deployment-Related Exposures among Women Gulf War veterans

<https://tinyurl.com/CoughlinWomenGulfWar>

12:26 – 12:29 **Watts / Woody**

Kaimal, Girija, EdD, MA, ATR-BC, Grappling with Gulf War Illness: Perspectives of Health Care Providers and Veterans

<https://tinyurl.com/Kaimal>

DEFINITION AND DIAGNOSTIC BIOMARKERS

12:29 – 12:32 **Ward / Wasvick / Casey**

Dursa, Erin, PhD, MPH, Challenges in Defining Gulf War Illness: A Data Driven Approach by the Dept of Veterans Affairs

<https://tinyurl.com/DursaDefiningGWI>

12:32– 12:35 **Gaard / Helmer**

Helmer, Drew, MD, MS, Update on Retrospective Medical Record Review to Establish a Clinical Case Definition for GWI

<https://tinyurl.com/HelmerCaseDefinition>

12:35 – 12:38 **Baraniuk / Steinman**

Baraniuk, James, MD, Cerebrospinal Fluid Proteomics in GWI versus Chronic Fatigue Syndrome

<https://tinyurl.com/BaraniukCFS>

12:38 – 12:41 **Ward / Helmer**

Davis, Caroline, MD (PI: John Osterholzer, MD), CT-Parametric Response Mapping Identifies Four Radiographic Signatures in the Lungs of Symptomatic Veterans with GWI and Post-9/11 Veterans with Chronic Bronchiolitis

<https://tinyurl.com/DavisBronchiolitis>

12:41 – 12:44 **Baraniuk / Pope**

Meyer, Joel, PhD, Mitochondrial DNA Copy Number, Damage, and Mitochondrial Respiration in GWI

<https://tinyurl.com/MeyerMitochondrialDNA>

12:44 – 12:47 **Baraniuk / Steinman**

Crawford, Fiona, PhD, Identification of Plasma Biomarkers of Gulf War Illness using "omic" Technology

<https://tinyurl.com/CrawfordOmics>

PATHOBIOLOGY

12:47 – 12:50 **Gaard / Helmer**

Falvo, Michael, PhD (PI: Dane Cook, PhD), Evaluation of Cardiorespiratory Responses during Exercise Challenge Affords Insights into Gulf War Illness
<https://tinyurl.com/FalvoExerciseChallenge>

12:50 – 12:53 **Woody / Watts**

Wylie, Glenn, DPhil (PI: Dane Cook, PhD), Effects of Post-Exertion Malaise on Veterans with Gulf War Illness: Fatigue and Cognition <https://tinyurl.com/WyliePostExertionMalaise>

12:53 – 12:56 **Pope / Steinman**

Golomb, Beatrice, MD, PhD, Bioenergetics in Veterans with GWI versus Healthy Controls; Replication and Expansion / Relation of Phosphocreatine Post Exercise Recovery Kinetics to Citric Acid Cycle Intermediates in Veterans with GWI versus Healthy Controls
<https://tinyurl.com/GolombBioenergetics>

12:56– 12:59 **Baraniuk / Pope**

Marx, Chris, MD, Biomarker Discovery to New Therapeutics for Gulf War Veterans' Illnesses
<https://tinyurl.com/MarxBiomarker>

12:59 – 1:02 **Woody / Casey**

Keating, Julie, PhD (PI: Nasia Safdar, MD, PhD), The Impact of the Gastrointestinal Microbiome on GWI <https://tinyurl.com/GIMicrobiome>

1:02 – 1:05 **Pope / Ward**

Janulewicz Lloyd, Patricia, DSc (PI: Saurabh Chatterjee, PhD, MS), The Gut-Microbiome in Gulf War Veterans: A Preliminary Report <https://tinyurl.com/LloydGutMicrobiome>

1:05 – 1:08 **Woody / Watts**

Chao, Linda, PhD, Incidence of Mild Cognitive Impairment and Hippocampal Atrophy in Deployed Gulf War Veterans <https://tinyurl.com/ChaoCognitiveImpairment>

1:08 – 1:11 **Watts / Baraniuk**

Zhang, Yu, MD, PhD (Ansgar Furst, PhD), Brainstem Damage is associated with Poorer Sleep Quality and Increased Pain in Gulf War Illness Veterans <https://tinyurl.com/ZhangBrainstemDamage>

1:11 – 1:14 **Wasvick / Pope**

Keledjian, Kaspar, MD (J. Marc Simard, MD, PhD), The Peroxisome Proliferator-Activated Receptor Gamma (PPAR-Gamma) Agonist, Rosiglitazone, Ameliorates Neurofunctional and Gene Expression Abnormalities in a Rat Model of Gulf War Illness <https://tinyurl.com/Keledjian>

1:14 – 1:17 **Steinman / Gaard**

Alshelh, Zeynab, PhD (PI: Marco Loggia, PhD), In-Vivo Imaging of Neuroinflammation in Veterans with GWI <https://tinyurl.com/In-VivoNeuroinflammation>