



Event Recap



Current Research



RACGWVI Meetings



GWIRE App

THE INIM PRESENTS

THE GULF WAR DISPATCH



The Reboot Study - Actively Recruiting!



Dr. Nancy Klimas is currently recruiting 17 male Gulf War, Operation Desert Shield and/or Desert Storm, Veterans with Gulf War illness symptoms for the Reboot Study.

The purpose of this study is to evaluate the effects of a combination therapy in changing the bodies "sick response" of Gulf War illness into a more permanently healthy condition.

If you are interested in participating, please email: gwictic@nova.edu or call: 954-262-2870. To learn more about the Reboot Study, visit: <http://bit.ly/AboutReboot>

Event Recap

2022 SHIELD Conference

On Friday, February 25th, GWICTIC & INIM hosted the annual 2022 Sustained Homeostatic Imbalance due to Environmental-exposure Linked to Deployment (SHIELD) Conference. Veterans tuned in via zoom to learn about new and upcoming Gulf War illness research related to deployment in Operation Desert Shield & Operation Desert Storm.

Check out our impressive line-up of speakers:

- Nancy Klimas, M.D.
Current & Upcoming Research at GWICTIC & at Miami VAMC
- Kimberly Sullivan, Ph.D.
The Boston Biorepository and Integrative Network for GWI (BBRAIN): Working Together To Develop Diagnostic Markers and Treatments for Gulf War Illness
- Zachary Barnes
The Recruitment Process - An Overview
- Laila Abdullah, Ph.D.
Nicotinamide Riboside Clinical Trial for Gulf War illness at The Roskamp Institute
- Drew Helmer, M.D., M.S.
Genomics of Gulf War Illness

The event concluded with a live Q&A moderated by Dr. Klimas, followed by closing comments from Jimmy Arocho, INIM Research Associate & Chair, GWICTIC Patient Advocacy Committee.



2022 SHIELD Conference
Attention Operation Desert Shield and Operation Desert Storm Veterans!

February 25, 2022 | 11:00 a.m. - 1:00 p.m. EST
Via Zoom

The Institute for Neuro-Immune Medicine and GWICTIC will be hosting the 2022 Sustained Homeostatic Imbalance due to Environmental-exposure Linked to Deployment (SHIELD) Conference. Learn about new and upcoming Gulf War illness research from the nation's top investigators.

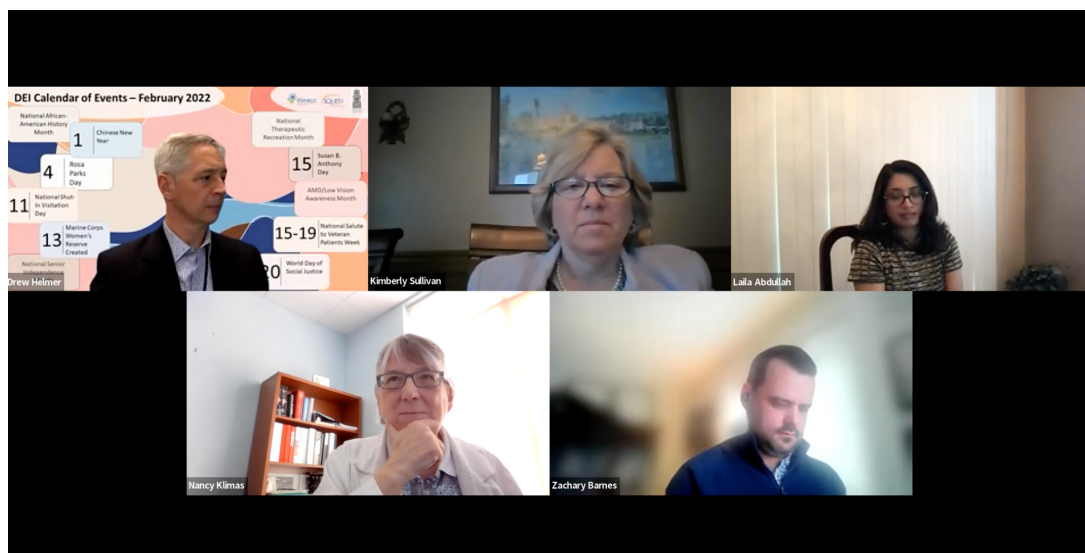
Keynote Speakers

Nancy Klimas, MD
Director, Institute for Neuro-Immune Medicine
Chair, Department of Clinical Immunology
Assistant Dean for Research, Dr. Kiran C. Patel College of Osteopathic Medicine, Nova Southeastern University
Director, Environmental Medicine Program, Miami VA Medical Center
Professor Emerita, University of Miami School of Medicine

Kimberly Sullivan, PhD
Research Associate Professor
Director and PI - BBRAIN Consortia
Boston University School of Public Health

Register here:
<https://bit.ly/2022SHIELD>

Institute for Neuro-Immune Medicine
www.som.fsu.edu/inim
NSU
Florida State University



Missed the event? Want to rewatch? Visit: <https://youtu.be/sLo7NtnH5Bg>

CURRENT RESEARCH

The Reboot Study

This study will assess whether giving the combination of etanercept-mifepristone in a set dosing schedule will improve the effectiveness of the drug combination.

Recruiting: Male Operation Desert Shield and/or Operation Desert Storm Veteran between the ages of 45-70.

If you are interested in participating or have any questions, please email: gwictic@nova.edu or call: 954-262-2870.

If you're interested in learning more about the studies below, please call (305) 575-7000 ext 14217 or email VHAMIAGWI@va.gov.

Nutraceutical Study For Gulf War Illness: Curcumin & Glutathione

The primary goal is to test the effectiveness of the computational model in an intervention setting. If successful, this will set the stage for a series of studies that attempt to reset homeostasis in complex illnesses such as GWI.

Recruiting: Operation Desert Shield and Desert Storm Veterans with Gulf War illness.

Location: Virtual

Studies located at the Miami VA:

Immune/Inflammatory Priming In Exacerbating Responses To GWI Stressors

This study will help researchers understand 1990-1991 Gulf War Veterans, with a diagnosis of chronic fatigue syndrome or Irritable Bowel Disturbance.

Location: Miami Veterans Affairs Healthcare System

Boston Biorepository, Recruitment and Integrative Network (BBrain) for GWI

The goal for this study is to learn more about the ways that GWI affects veterans while establishing a central resource site for Gulf War researchers to further encourage collaboration and sharing of information.

Recruiting: Operation Desert Shield and Operation Desert Storm veterans, both healthy veterans and those with Gulf War Illness.

Location: Miami Veterans Affairs Healthcare System

Women Vs. Men With Gulf War Illness: Differences In Computational Models And Therapeutic Target

This study is designed to understand the underlying mediators of dysfunction by having developed a dynamic model to identify these mediators of persistence and relapse, with the primary goal of pinpointing the underlying mechanisms of the condition and targeting treatment more effectively.

Recruiting: healthy female volunteers between the ages of 42 to 70 years.

Location: Miami Veterans Affairs Healthcare System

The Research Advisory Committee on Gulf War Veterans' Illnesses (RACGWVI)

The Research Advisory Committee on Gulf War Veterans' Illnesses (RACGWVI) mission is to provide advice and make recommendations to the Secretary of Veterans Affairs on proposed research studies, plans, and strategies related to understanding and treating the health consequences of military service in the Southwest Asia theater of operations during the 1990 - 1991 Gulf War.

Access past meetings [here](#).



U.S. Department of Veterans Affairs
Veterans Health Administration

The Research Advisory Committee on Gulf War Veterans' Illnesses (RACGWVI) announces upcoming

Veteran Engagement Sessions for 1990-91 Gulf War Veterans

Are you or a loved one a Gulf War Veteran struggling with health issues? Share your story at a Veteran listening session to help inform VA research.

<p>April 6 4 to 7 p.m. ET Join online: https://veteransaffairs.webex.com/veteransaffairs/j.php?MTID=m7d92c8b3e0eca6ada699344ede4a2862 Meeting password: GWVets1991! 1-833-558-0712 (Toll-free) Access code: 2762 977 6702</p>	<p>April 7 11 a.m. to 2 p.m. ET Join online: https://veteransaffairs.webex.com/veteransaffairs/j.php?MTID=m473b11b8bf57808df4793bbf4857a4d9 Meeting password: GWVets1991! 1-833-558-0712 (Toll-free) Access code: 2760 574 2032</p>
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Topics will include:

1. What health issues are of greatest concern to Gulf War Veterans (GWV)?
2. How can research improve the treatments available to GWV?
3. What health issue could the VA address to improve GWV quality of life?
4. What would you like the VA Secretary to know about the health of GWV?

To address the committee, please send your name, preferred meeting date, and the topic(s) you would like to address to varacgwvi@va.gov. Questions or comments from those who do not respond in advance will be taken as time allows.

These meetings are open to all.



The Research Advisory Committee on Gulf War Veterans' Illnesses provides advice and makes recommendations to the Secretary of Veterans Affairs on proposed research studies, plans, and strategies related to understanding and treating the health consequences of military service in the Southwest Asia theater of operations during the 1990 - 1991 Gulf War.

Email: mailto:varacgwvi@va.gov | Website: <http://www.va.gov/RAC-GWVI/>

Recent Publications

The impact of post-traumatic stress on quality of life and fatigue in women with Gulf War Illness

- Shastry N, Sultana E, Jeffrey M, Collado F, Kibler J, DeLucia C, Fletcher MA, Klimas N, Craddock TJA.

<https://doi.org/10.1186/s40359-022-00752-5>

Sex-specific differences in plasma lipid profiles are associated with Gulf War Illness

- Oberlin S, Nkiliza A, Parks M, Evans JE, Klimas N, Keegan AP, Sullivan K, Krengel MH, Mullan M, Crawford F, Abdullah L.

<https://doi.org/10.1186/s12967-022-03272-3>

Let us introduce - GWIRE

We're excited to announce a new INIM Research iPhone app that will help to generate incredible amounts of data on individuals with Gulf War illness (GWI)!

Let us introduce, GWIRE - **Gulf War Illness Research in Exercise** - an app that is made specifically to assess the activity levels of people with GWI, along with the effects of exercise on general activity, symptom management, and concentration/cognitive function.

The app will assess activity levels and effects of exercise in three ways:

- Demographic data, exercise frequency, exercise intensity and symptom presentation will be collected via a series of surveys that you can take as frequently as once per day
- Cognitive function and reaction time will be assessed via "Active Tasks" - a section of the app that presents you with short challenges

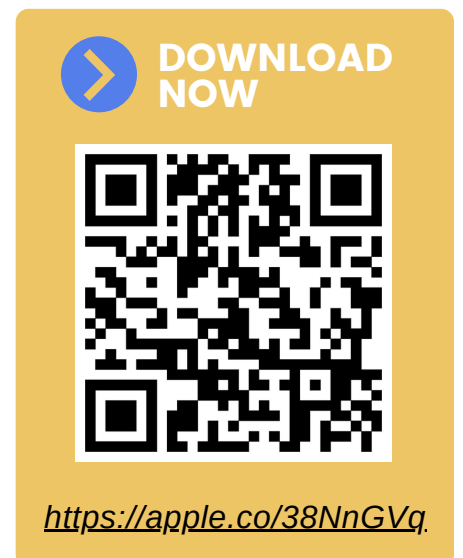


Want to Participate? Download GWIRE now!

If you have an Apple or Garmin Watch, or other fitness wearable that is connected to your iPhone's Health app, or if you just carry your phone in your pocket on a regular basis, GWIRE can collect up to 11 different types of activity, health, and functionality data (with your permission, of course!)



With your help,
this secure app
adds a whole new
layer to the
institute's data
collection of
complex diseases!



GWIRE requires a device running iOS 15.0 or later.