

Hyperbaric Oxygen Therapy



Current Research



GWIRE



United Way Of Broward County-  
Veteran Stand Down

THE INIM PRESENTS

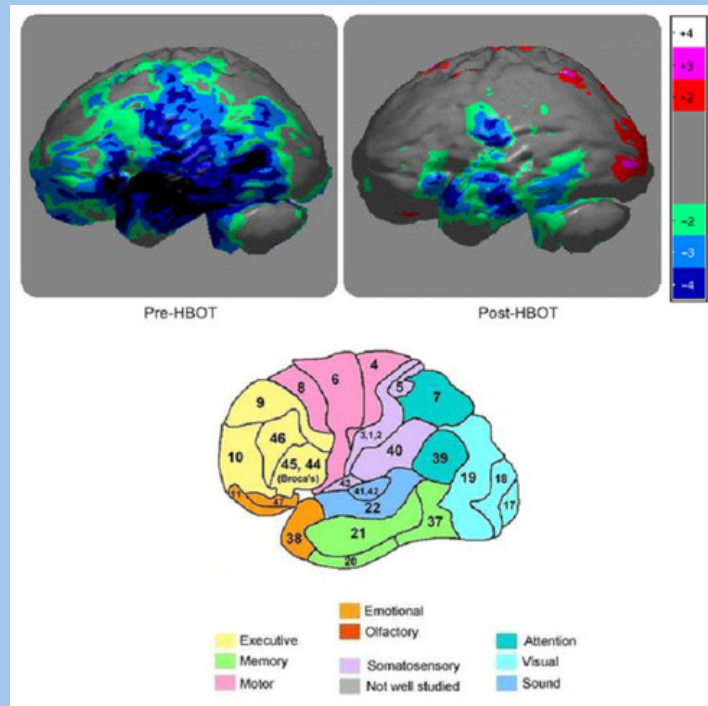
# THE GULF WAR DISPATCH

## Mild Traumatic Brain Injury and Hyperbaric Oxygen Therapy

INIM Researchers, Alison Bested, M.D., and Amanpreet Cheema, Ph.D., M.S., along with their coauthors got their hyperbaric oxygen therapy article published online: A Case Series of 39 United States Veterans with Mild Traumatic Brain Injury Treated with Hyperbaric Oxygen Therapy.

Access the full article:  
<https://www.mdpi.com/2514-183X/6/3/21/pdf>

The images and statistical analysis illustrate the improvements in Veterans suffering with mild traumatic brain injury treated with hyperbaric oxygen therapy.



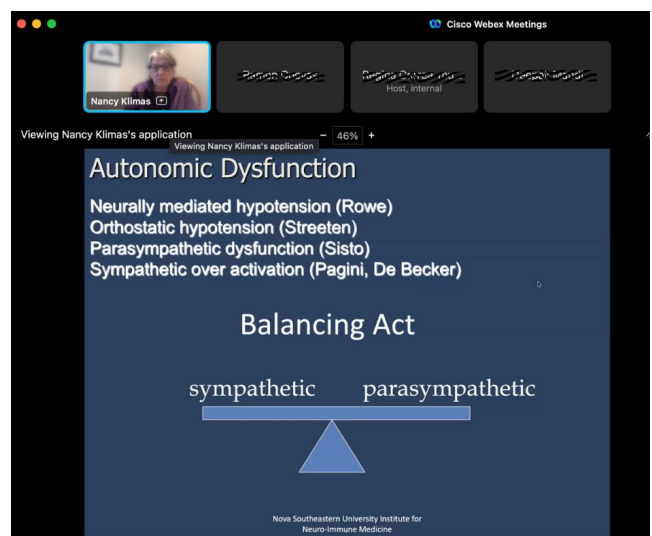
## Research Lunch & Learn with West Palm Beach VA

Dr. Nancy Klimas presented "Current and Future Health Concerns for 1990-1991 Gulf War Veterans" at West Palm Beach VA Healthcare System's Research Lunch & Learn!

You can view the recording here:  
<https://www.youtube.com/watch?v=dw9Bnff8aFc>

The presentation was offered to VA employees in an effort towards raising awareness of Gulf War

illness amongst providers with an emphasis of recognizing and treating it.



# 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 Veterans between the ages of 45-70.

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

## Bacopa Study: Nutraceutical For GWI Associated Cognitive Dysfunction & Biological Response

The purpose of this open label study is to assess safety, feasibility, preliminary evidence of efficacy and biological response of a nutraceutical as an evidenced Nootropic agent (enhances cognitive function), with multi-mechanistic action.

**Recruiting:** Operation Desert Shield and/or Operation Desert Storm Veterans born between the years of 1946 to 1974.

For more information, please contact us at **954-262-2870** or email [GWICTIC@nova.edu](mailto:GWICTIC@nova.edu).

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

**We are always looking for healthy volunteers!**

### *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 and Davie/Kendall INIM Clinic

#### 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 and Davie/Kendall INIM Clinic

# CURRENT RESEARCH

## **Nutraceutical Study For Gulf War Illness: Curcumin & Glutathione**

Two natural supplements (Curcumin and Glutathione) have been shown to quiet inflammation. In this study, researchers will test to see which supplements, if any, are beneficial in Gulf War illness.

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

**Location:** Miami Veterans Affairs Healthcare System and Davie/Kendall INIM Clinic

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

In this study, we are using microarray, a technique which measures expression levels of large numbers of genes, to help better understand and identify the likely causes of Gulf War illness. This method allows researchers to study different genes that affect how the body reacts to rest and exercise and how these differences affect the immune system, endocrine system and brain.

**Recruiting:** Male and female Operation Desert Shield/Desert Storm veterans located in the Miami-Dade and Broward County areas.

**Location:** Miami VA Medical Center & University of Miami.

**If you're interested in learning more  
about the studies above,  
call (305) 575-7000 ext 14217 or  
email [VHAMIAGWI@va.gov](mailto:VHAMIAGWI@va.gov).**

**We are always looking for healthy volunteers!**

**By volunteering in research, you are helping us to  
further advance medicine by allowing us to  
develop effective treatments to improve the  
outcome and quality of life for our Veterans.  
Thank you!**

# GWIRE - Gulf War Illness Research in Exercise

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.*

# Recent Publications

A Case Series of 39 United States Veterans with Mild Traumatic Brain Injury Treated with Hyperbaric Oxygen Therapy.

- Bested AC, Rana AM, Hardigan P, Niyirora J, Cheema A, Antony G, Defina PA, Machado C. Clinical and Translational Neuroscience. 2022; 6(3):21. <https://doi.org/10.3390/ctn6030021>

Access the full article: <https://www.mdpi.com/2514-183X/6/3/21/pdf>

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## United Way of Broward County's Mission United - Veteran Stand Down Event

Back in September, we attended United Way of Broward County's Mission United event, Veteran Stand Down! Veterans had the opportunity to renew their drivers' licenses, obtain legal services, make future appointments through NSU's Veterans Access Clinic, and chat with us about Gulf War illness research!

Be sure to follow us on social media for updates on events we are attending and hosting throughout the year.



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

## Research Advisory Committee on Gulf War Veterans' Illnesses

- Research Advisory Committee on Gulf War Veterans' Illnesses
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- Meetings
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- Information for Researchers
- Recently Funded GW-related Research Studies
- Recently Published GW-related Research Articles
- Gulf War-related Links
- Members and Consultants
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### Gulf War-related Links

Learn about illnesses associated with Gulf War service from August 2, 1990 to present.

[Learn more »](#)

RAC Documents and Reports    Gulf War-related Links    RAC Meetings

The Research Advisory Committee on Gulf War Veterans' Illnesses was created by Congress in 1998, and first appointed by Secretary of Veterans Affairs Anthony J. Principi in January 2002. According to its charter, the guiding principle for the work of the Committee shall be the premise that the fundamental goal of Gulf War-related government research is to improve the health of ill Gulf War Veterans.

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.

Past Meeting:

- Wednesday, 9/21 | 9:00 a.m. - 4:00 p.m. ET
- Thursday, 9/22 | 8:30 a.m. - 12:00 p.m. ET

Access meeting info [here](#).

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Follow the INIM to stay updated on new Gulf War illness research, upcoming Gulf War Veteran-related events, and much more!



Don't forget to follow the Gulf War Illness Clinical Trials and Interventions Center (**GWICTIC**) on social!

