

BRAIN WAVES



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Roskamp Institute Researchers Present Study Findings At International Association for Chronic Fatigue Syndrome/ Myalgic Encephalomyelitis Conference

Researchers from The Roskamp Institute recently presented at the virtual International Association for Chronic Fatigue Syndrome (CFS) /Myalgic Encephalomyelitis (ME) yearly conference. Our principal investigator, Dr. Laila Abdullah, presented our team's research on the topic of "Sex-specific Plasma Lipid Profiles of CFS/ME Patients and Their Association with Pain, Fatigue, and Cognitive Symptoms." This study showed that distinct blood lipid profiles in CFS/ME patients are influenced by sex. Future research studies will determine their use as blood markers for diagnosing CFS/ME. This study is now published in the *Journal of Translational Medicine*.



Dr. Aurore Nkiliza presented her project entitled: "Plasma Lipidomic Analyses in Cohorts with GWI reveal Lipids Differentially Associated with APOE genotype." This study showed how blood lipids in veterans with Gulf War Illness (GWI) are influenced by genetic risk factors traditionally associated with Alzheimer's disease. Our research assistant, Ms. Sarah Oberlin, presented her project entitled: "Sex-Specific differences in plasma lipid profiles are associated with Gulf War Illness." This study showed that major lipid classes were predominantly affected in male Gulf War veterans with GWI compared to healthy male Gulf War veterans. These studies should help collectively understand factors that influence blood lipid profiles of Gulf War veterans and related diseases of chronic fatigue.

To learn more about these and other ongoing studies about Gulf War Illness, please contact David Patterson at 941-752-2949 ext 3008.

International Women's Forum Features Presentation By Roskamp's Dr. Fiona Crawford



In July, The Roskamp Institute's CEO Dr. Fiona Crawford gave a virtual presentation to the International Women's Forum Suncoast Chapter on "What We Know and Can Do About Alzheimer's & Other Brain Diseases." The International Women's Forum (IWF) is an invitation-only global forum of over 7,000 successful women in 33 countries, created with the purpose of connecting women leaders from a diverse range of professions to "drive positive change and champion equality through connection, education and the exchange of ideas." Dr. Crawford was invited to join the Florida chapter of this international network in 2020.

Roskamp Institute Showcases Novel Treatment Approaches In Capitol Hill Forum on Gulf War Illness

The organization *Veterans for Common Sense*, working with other veterans and military service organizations, hosted a Capitol Hill Forum by Zoom for a select group of leading Gulf War Illness (GWI) scientists and clinicians to present to members of government and Congress about the importance of GWI research and the need for continued funding. Our President and CEO, Dr. Fiona Crawford, was one of those invited to participate. The researchers discussed the impact government funding has had on our understanding of GWI and the advances that have been made toward identifying treatments for this multi-symptom illness.

Dr. Crawford, with the Roskamp GWI team also in attendance, showcased the Institute's various approaches to tackling GWI, and highlighted the fact that our work has advanced two novel treatment approaches from the lab bench into our Roskamp Clinic.

You can watch the Capitol Hill Forum in its entirety here: <https://rosk.in/20>

Resources for veterans interested in Gulf War Illness treatment options can be found on the *Veterans for Common Sense* website.



Seeking Gulf War Illness Study Volunteers

Were you deployed in the Gulf War in 1990-1991? The Roskamp Institute, Inc. is conducting a clinical research study which involves one visit where a participant will complete several questionnaires, memory testing and provide a blood sample.

Call: David @ 941-256-8018 ext 3008

More info at <https://www.roskampclinic.org/trials/gwi/>

Seeking TBI and PTSD Study Volunteers

Are you suffering from Traumatic Brain Injury and/or Post-Traumatic Stress Disorder? The Roskamp Institute, Inc. is conducting a clinical research study to determine if a blood test can be developed to diagnose Mild to Moderate Traumatic Brain Injury.

Call: Grace @ 941-256-8018 ext 3054

More info at <https://www.roskampclinic.org/trials/ptsd/>

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