

BRAIN WAVES

ROSKAMP INSTITUTE & CLINIC NEWS | JANUARY 2022

Roskamp Institute Neuroscience Ph.D. Program Announces 16th Graduate

We are pleased to announce Maxwell Eisenbaum as the 16th graduate from our Neuroscience Ph.D. Program. Max is from Buffalo, New York, and he obtained two Master's degrees, in Biomedical Engineering and in Neuroscience, from the University of Buffalo. He joined the Roskamp Institute as a Research Technician in 2017 and began his Ph.D. research in April 2018.

Max has worked on a variety of projects throughout his time at the Institute and his graduate project, with supervisors Drs. Corbin Bachmeier and Joseph Ojo, has investigated the role of the brain vasculature in the pathology observed following Traumatic Brain Injury. Max's research on the contribution of the cerebrovasculature to the progression of brain pathology following TBI was recently published in the scientific journals *Neurobiology of Disease* and *Fluids and Barriers of the Central Nervous System*. Owing to the ongoing pandemic, the viva voce examination was again held virtually (our third so far), with participants in Sarasota, and examiners located in New York and Southampton, UK.



Graduate Dr. Maxwell Eisenbaum (center) with Roskamp Institute CEO Dr. Fiona Crawford and Dr. Corbin Bachmeier



Left to right: Drs. Ferguson, Mouzon, Abdullah, Keegan, Ojo, and Crawford

Veteran's Day 2021 Open House at Roskamp Institute

Here at The Roskamp Institute, we have more than 60 scientists and clinicians focused on one goal – to find better treatments for diseases of the mind. For our Virtual Open House, we highlighted our research into conditions of relevance to our veterans and our

military – Traumatic Brain Injury, Post-traumatic stress disorder and Gulf War Illness. All our work is aimed at translation into the clinic, to alleviate the suffering caused by these disorders. Presentations on the Institute and our laboratory and clinical work were made by Drs. Crawford, Abdullah, Keegan, Mouzon and Ojo, with a panel discussion chaired by our very own Gulf War veteran, now Clinic Administrator, David Patterson.

In The Roskamp Clinic, we have trials of new potential treatments for GWI, which have emerged from our Institute's research, as well as investigation of blood biomarkers for TBI and PTSD. Your participation is key to our success in these endeavors, and we thank all those currently involved with our work, and always welcome new recruits to those studies. A recording of the event is available online at: RoskampInstitute.org/OpenHouse



Roskamp Institute & Clinic Presents

Dr. Michael Hoffmann *Virtual Seminar : Executive Brain 2022* **January 7th, 2022 from Noon to 1pm**

Dr. Hoffmann's main areas of research have concerned cognitive disorders after stroke and how to improve brain health and fitness based on scientific principles and evolutionary insights. He is currently a Professor of Neurology with the University of Central Florida and has recently served as Chief of Neurology Services and Director of the Stroke Center at the Orlando VA. He is also a cognitive neurology consultant at The Roskamp Institute where he focuses on frontotemporal disorders, traumatic brain illness, and neuro-toxicological syndromes such as Gulf War Illness.

Seminar link and event details at: roskampinstitute.org/event/executive-brain-2022/

Roskamp CEO Dr. Fiona Crawford Among Panelists at Sarasota Women of Influence Event

What do a neuroscientist, an arbornaut and a conservationist have in common? They are all Sarasota-area women who were invited to be panelists at the **11th Annual Women of Influence Event** held November 15 at the Westcoast Black Theatre

Troupe. The women – Roskamp Institute CEO Dr. Fiona Crawford, National Geographic Explorer and author Dr. Meg Lowman, and philanthropist / land conservationist Elizabeth Moore – responded to a range of questions posed by moderator, Sarasota Magazine Editor in Chief Susan Burns.



Photography by Lori Sax, courtesy of Sarasota Magazine

The panel discussion, “Three Local Women Who Are Changing Our World,” was the highlight of the event, with topics ranging from challenges they each faced on their paths to leadership to what people might find surprising about their research to “what they would tell their 25-year-old selves.” It was a lively discussion about their work, their personal dilemmas, and their plans for the future.

Dr. Crawford's discussion about Alzheimer's Disease garnered much interest and generated a number of questions about the progress in treatments and current thinking about prevention and mitigation of disease symptoms.

Initially established to celebrate talented women, the event is conducted each year to encourage local women to connect, educate, inspire and support one another.

