



Antentor Othrell Hinton, Jr, PhD

Ernest E. Just Early Career Investigator
Chan Zuckerberg Initiative Science Diversity Leadership Investigator
Assistant Professor, Department of Molecular Physiology and Biophysics
Vanderbilt School of Medicine Basic Sciences
The Vanderbilt Diabetes Research and Training Center
Assistant Professor, Department of Medicine, Division of Cardiology
Vanderbilt University Medical Center

CAREER DEVELOPMENT SEMINAR & LUNCHEON

Creating a Culturally Competent and Humble Laboratory Environment: Mentoring for Safety and Inclusivity

Thursday, May 9, 2024 | Noon – 1:00 p.m.

Health Science Research Facility 400 Conference Room, UVM

MEDICINE GRAND ROUNDS

The Role of MICOS in Mitochondrial Integrity: Insights from Cardiac, Skeletal Muscle, and Kidney Function

Friday, May 10, 2024 | 8:00 – 9:00 a.m.

Davis Auditorium, University of Vermont Medical Center

Antentor O. Hinton, Jr, PhD is a tenure-track Assistant Professor in the Vanderbilt School of Medicine Basic Sciences at Vanderbilt University and the Ernest E. Just Early Career Investigator. Dr. Hinton's research projects aim to elucidate insulin-mediated molecular mechanisms that regulate cristae dynamics and to identify molecular mechanisms that underlie molecule transfer between and morphological changes in the mitochondria and endoplasmic reticulum (ER) that can be altered in pathophysiological states, such as diabetes or cardiovascular disease. More recently, Dr. Hinton received the Chan Zuckerberg Initiative Science Diversity Leadership Award for his FIBSEM and SBFSEM imaging work on mitochondrial networks in human disease. Dr. Hinton is an active member in the Endocrine Society and serves on the Committee on Diversity and Inclusion and Scientific Statements Subcommittee. Currently, Dr. Hinton serves on three editorial boards: Circulation Research, American Journal of Physiology – Heart and Circulatory Physiology, and Advanced Biology. Dr. Hinton's Bio/Research Interests can be found at: [Hinton Lab](#).

ADA: Please e-mail CVRI-VT@med.uvm.edu if you require any accessibility accommodations.

This event is made possible by a generous gift from the many donors to the Jim Ray Memorial Heart Ride, an annual cycling event to raise support and awareness of the CVRI.

THE CARDIOVASCULAR RESEARCH INSTITUTE OF VERMONT is dedicated to reducing the incidence, morbidity, and mortality of heart and vascular diseases through improving prevention, diagnosis, and treatment. By fostering collaborations among departments at The University of Vermont and The University of Vermont Medical Center, the Cardiovascular Research Institute of Vermont encourages the critical thinking that challenges assumptions and promotes excellence in clinical practice.

