

SUTER SCIENCE SEMINARS 2021-22

Mechanisms of Transcriptional Repression in the Roundworm, *Caenorhabditis elegans*

Casonya Johnson, PhD

*Professor of Biology and Department Head
James Madison University
Harrisonburg, VA*



Wednesday, February 2, 2022

4 p.m. • Science Center, room 106

Dr. Johnson will give a presentation on the most recent research in her laboratory.

Dr. Casonya Johnson is currently the Head of the Department of Biology at James Madison University. Prior to this, she served as a Program Director in the Molecular and Cellular Biosciences (MCB) Division at the National Science Foundation (NSF), and as an Associate Professor at Georgia State University. Dr. Johnson's research is currently funded by the NSF, and previously been funded by the National Institutes of Health (NIH) and by the National Aeronautics and Space Administration (NASA). Her research uses molecular genetics, biochemistry, and mathematical biology to understand the basic mechanism by which cells produce RNA. Her interest in pursuing genetics stemmed from transmission of deafness and hearing loss in her family. Dr. Johnson has also created and led workshops for middle- and high-school teachers interested in incorporating genetics laboratories into their classes.



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