



Jennifer Musa, Ph.D. '94 is a Professor of Biology at SUNY Broome Community College.

Dr. Jennifer (Collart) Musa received a BA in Biology and Psychology from the State University of New York (SUNY) at Oswego in 1990 and a Ph.D. in Anatomy and Neurobiology from the University of Vermont in 1994. While at UVM, Dr. Musa had the distinct privilege and pleasure of learning and working in the laboratory of Dr. Rodney Parsons. After leaving UVM, Dr. Musa did postdoctoral work at Cornell University in the Departments of Biomedical Sciences and Molecular Medicine, where she stayed on as a research associate.

In 2001, Dr. Musa left Cornell to join the Department of Biology faculty at SUNY Broome Community College. For the more than 20 years since, Dr. Musa has taught Anatomy and Physiology to thousands of undergraduate students and co-created unique interdisciplinary courses that give students the opportunity to learn far beyond the physical classroom. In 2009, she was recognized with the honor of the New York State Chancellor's Award for Excellence in Teaching.

Dr. Musa is most proud of the co-creation of *Health for Haiti*, SUNY Broome's first faculty led, credit bearing, global service-learning course. Over the past ten years, Dr. Musa has taken over a hundred students to Haiti to engage in holistic projects. *Health for Haiti* has partnered with a rural community in Haiti to help provide sustainable access to clean safe drinking water, nutrition, solar energy infrastructure, economic development, and high-quality education.

As part of these projects, Dr. Musa raised significant funds for the community in Haiti through countless outreach programs and presentations. She secured the donation of a commercial grade water filtration system and solar equipment from companies in New York, as well as engineering support to train Haitian workers. All of this was accomplished in a community college setting, impacting a very diverse demographic of students. The projects have been life changing for the people in Haiti but are perhaps even more significant for the students who participate. Most report that the experience changed their lives, with several adjusting their future goals to focus on humanitarian efforts.

To expand her knowledge and service to her community, Dr. Musa recently earned an AAS in Chemical Dependency Counseling and, in addition to her full-time position as a professor at SUNY Broome, serves as a Substance Use Disorder Clinician at the Addiction Center of Broome County (ACBC). Dr. Musa is committed to sharing her love of neuroscience at ACBC and created the popular "Brain Academy" where she shares research about the neuroscience of addiction, sleep, stress, synaptic plasticity, and mental health with the hope of empowering individuals as they navigate the challenging path of recovery.

Dr. Musa is the proud mother of two daughters and currently lives in New York with her husband.