The most fundamental unit of life, the cell, is the product of thousands of molecules acting together in an exquisitely coordinated manner. As a molecular biologist, Dr. Diaz is interested in understanding how these molecules perform fundamental cellular functions like copying the genetic code or preparing the cell to divide. In this talk, he will introduce you to the incredible molecular machines he encountered in high school, college and graduate school, which ultimately sparked his passion for molecular biology. Dr. Diaz will then spend time discussing his doctoral work, which aimed to better understand how a particular virally produced molecular machine called the helicase was regulated during Merkel Cell Polyomavirus infection.

Viruses
Molecular Machines That Cause Disease
Jason Diaz, Ph.D.
Department of Biology, University of Pennsylvania

Tuesday, March 22, 2016
11:10 a.m. to 12 p.m. (Q Time) • STEM 1403
5 to 5:50 p.m. • STEM 1403

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