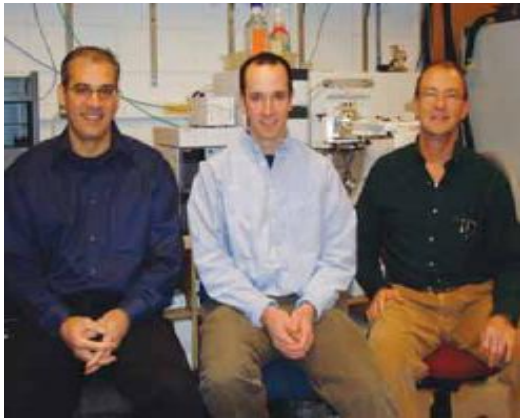


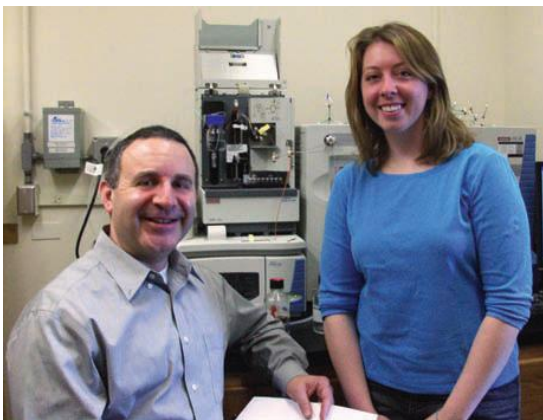
# Proteomics success stories

**Heart Failure Study** (<http://www.uvm.edu/~vgn/newsletters/Newsletter%20Winter%202009.pdf>)



(L to R) Dr. Jim Vigoreaux, Michael Previs, Dr. Dwight Matthews. Michael Previs, a Ph.D. candidate in the Cell and Molecular Biology Program, has been working with Dwight E. Matthews and Jim O. Vigoreaux to develop a strategy to identify the site(s) of thin filament phosphorylation and quantify the degree of the post-translational modification in biopsies taken from healthy and failing human hearts. The team's paper was published at the *Anal Chem*.

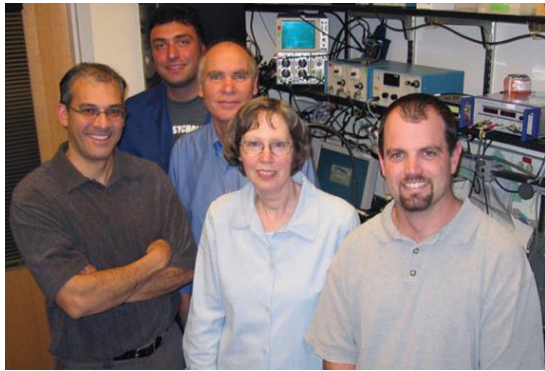
**Ion Channel Study** (<http://www.uvm.edu/~vgn/newsletters/Newsletter%20Summer%202008.pdf>)



Dr. Anthony Morielli and Ph.D. candidate Emilee Connors in front of the VGN proteomics Instrumentation used for their recent study published in the *Journal of Biological Chemistry*. Dr. Morielli is an associate professor of Pharmacology at UVM and Emilee is a senior Pharmacology graduate student.

### **Drosophila Aging Study**

(<http://www.uvm.edu/~vgn/newsletters/Newsletter%20Summer%202008.pdf>)



The UVM *Drosophila* aging team from left to right: Dr. Jim Vigoreaux, Professor and Chair of Biology; Panos Lekkas, Research Technician; Dr. David Maughan, Research Professor of Molecular Physiology and Biophysics; Joan Braddock, Research Technician; and Dr. Mark Miller, postdoctoral associate and lead author. The team's paper was published at the *Biophysical Journal*.

### **Cellular Signaling Pathways Study**

(<http://www.uvm.edu/~vgn/newsletters/Newsletter%20Summer%202008.pdf>)



Left to Right: Dr. Tina Thornton, Postdoctoral Associate and lead author; Dr. Mercedes Rincón, UVM Associate Professor of Medicine; and Dr. C. David Wood, Postdoctoral Associate. The team's cell signaling study was published in *Science*.