### Opportunities @ Brown

**Research Assistant | Padbury Lab**

Bachelor’s degree required. Mixture of clinical and laboratory responsibilities. Clinical responsibilities include patient interviews and study enrollment, collection of placental and cord blood samples at Women & Infants Hospital and maintenance of records on clinical details of patient enrolled. Laboratory responsibilities include assistance with processing placental and cord blood samples, DNA extraction. Computational responsibilities include scientific article review and abstraction. On the job training in curation, protection of human subjects and ethical conduct in research provided. Good communications skills for patient interviewing and enrollment required. Computer skills: database management with Excel, electronic health records and other online databases preferred. Candidates contact: [James_Padbury@brown.edu](mailto:James_Padbury@brown.edu) by June 1.

**Research | Cardiovascular Institute**

We offer two (biology or medical student) positions for research opportunities during the summer. Our cardiology and physiology lab is investigating that cardiac diastolic dysfunction mechanism in diabetes.

### Calendar Events

**May 23**

Commencement Forum: *History of Brown in Flowers*

Saturday | 9:00 AM | Rockefeller Library

What can 130 year old preserved plant specimens tell us about our past and our future? The Herbarium and the Library have teamed up to create a visually stunning walk through the historical collections of Brown plant specimens using the 7x16' digital display wall in the Rock’s Digital Scholarship Lab. Erika Edwards, Tim Whitfeld, and Patrick Rashleigh will present about this fascinating digitization project.

### BIOL Announcements

**University Awards - 2014-15**

*Katherine F. Smith, EEB*

Dean’s Award for Excellence in Undergraduate Teaching, Advising and Mentoring in the Biological Sciences

News from Brown [Oct 2014] - Once a CD8 T cell has fought off a virus, it is prepared to fight it off again. New research shows that it can answer the call when the body signals the presence of other pathogens. Image: Dennis Kunkel Microscopy Inc.
animal model. Reactive oxygen species (ROS) mediated cardiac mitochondrial dysfunction plays a key role in mechanical function of cardiomyocytes. Redox sensitive myofilament protein post translational modification regulate the cardiac contractility and myofilament Ca2+ sensitivity. Lab is located in Cardiovascular Research Center (CVRC) in CoroWest building (5th floor).

Histology and Imaging Training: Trichrome staining, CD31 immunohistochemistry and epifluorescence or confocal microscopy imaging and Image software training to analyze the cardiac histology samples. Molecular cloning of mutagenesis training: Myofilaments protein mutagenesis and expression in mammalian cell line, to check the post-translational modification. PCR, bacteria cloning, mammalian cell culture (cardiac cell), western blotting, immunoprecipitation will be trained. Period: June - August, 2015. Location: CVRC, CoroWest building, 5th floor. Project can be continued to next semester with post consultation after summer training. Successful contribution will be considered to appropriate authorship, as well. Contact: Lifespan Cardiovascular Research Center, The Warren Alpert Medical School, Brown University, 1 Hoppin Street, CoroWest 5300. Office: 401-793-8199. Forward application with resume to: euy-myoung_jeong@brown.edu.

Research Assistants | Child Mind Institute
in New York City. For graduating seniors and recent alumni: The Child Mind Institute, the only independent nonprofit organization exclusively dedicated to child and adolescent mental health, has just launched the Healthy Brain Network in the New York City area, and is seeking applicants for two-year Research Assistant positions.

Opportunities | Apply Now

Research Assistants | Child Mind Institute
in New York City. For graduating seniors and recent alumni: The Child Mind Institute, the only independent nonprofit organization exclusively dedicated to child and adolescent mental health, has just launched the Healthy Brain Network in the New York City area, and is seeking applicants for two-year Research Assistant positions.

SUMMER JOBS - ENVIRONMENT MASSACHUSETTS!
The Fund for the Public Interest is a national non-profit organization that works to build support for progressive organizations across the country. We've run campaigns for USPIRG, Environment America, the Human Rights Campaign, the Sierra Club, Greenpeace, and Fair Share Alliance. This summer, we are running an office in Boston, MA for Environment Massachusetts to close loopholes in the Clean Water Act. Loopholes in the law leave 4,200 miles of our state’s rivers and streams open to pollution, putting the drinking water for 5 million Bay Stators at risk. The US Senate will decide the fate of these waterways this summer, and we need to make sure Senator Elizabeth Warren comes out as a champion for clean water. This is your chance to spend your
summer working for a great cause, while gaining valuable campaign leadership experience. To apply for our full-time paid campaign staff positions, visit www.summerjobsthatmatter.org or call our office at 617-292-4810 to speak with Michelle Weiser, Campaign Director. JOIN OUR CAMPAIGN!