With special thanks to the following people who contributed so much to this special event:

Bruce Kimball & Marc Scarano, College of Medicine AV Raj Chawla, Medical Photography Barbara Brisson

University of Vermont

MD-PhD Program Research Day

Friday, July 22, 2011
University of Vermont
MD-PhD Program Research Day
July 22, 2011

8:00 a.m.  Continental Breakfast
           Medical Education Center Pavilion

8:45 a.m.  Welcome
           Steven D. Lidofsky, M.D., Ph.D.,
           MD PhD Program Director

SESSION 1:

9:00 a.m. – Christian Jordan
   “Biochemical characterization and protein-protein interactions of the phage T4
   DNA helicase Dda.”

9:20 a.m. – Kovi E. Bessoff
   “The Search for Novel Therapeutics for the Treatment of Cryptosporidiosis.”

9:40 a.m. – John C. DeWitt
   “Constitutive TrkB signaling leads to process outgrowth in PC12 cells and
   anchorage-independent cell growth in HEK293 cells.”

10:00 a.m. – Jessica M. Cassavaugh
   “FBW7 Dependent Ubiquitination of Hypoxia Inducible Factor-1a (HIF-1α)
   Regulates Hypoxia-mediated Angiogenesis.”

10:25 a.m.  Break
           Medical Education Center Pavilion

SESSION 2:

10:45 a.m. – William E. Damsky
   “The Role of Beta-catenin in Melanoma Formation and Progression.”

11:05 a.m. – Matthew D. LeComte
   “Paracrine Effects of Glioblastoma Condition Media on CA1 Hippocampal
   Neurons and related Microvasculature Endothelia after Global Ischemia.”

11:25 a.m. – Leah J. Novinger
   “Characterizing the Humoral Response to Breast Cancer in an Individual
   Patient.”

11:45 a.m. – Jane A. Roberts
   “Oxidative Stress Contributes to Decreased Purinergic Neuromuscular
   Transmission in the Inflamed Colon.”

12:00 p.m. Lunch
           HSRF 100 Hoehl Gallery

SESSION 3:

1:10 p.m.—Phan Thai
   “Increased Caspase Activity Primes Human Lyme Arthritis Synovial γδT cells
   for Proliferation and Death.”

1:30 p.m. – W. Gabriel Tharp
   “In Vitro Production of Beta-Amyloid by Adipocytes and
   Preadipocytes.”

2:00 p.m.  Keynote Address
           MDs vs. PhDs and Academics vs. Industry

           Carl Wittwer, M.D., Ph.D.,
           Professor of Pathology at the University of Utah Medical School,
           CSO at Idaho Technology, Inc. and Medical Director at ARUP Labora-
           tories

3:00 p.m.  Presentation
           of the Joseph B. Warshaw Award

           Closing Reception
           Medical Education Center Pavilion