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
Maranda Taylor

University of Vermont
MD-PhD Program Research Day

Friday, July 23, 2010
University of Vermont  
MD-PhD Program Research Day  
July 23, 2010

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  
"Kinetic Characterization of the DNA Unwinding Enzyme T4 Dda Helicase."

9:20 a.m. – Leah J. Novinger  
“Characterization of Tumor Associated Antigens using a Recombinant Expression of a Patient Derived Breast Cancer cDNA Library and Autologous Serum.”

9:40 a.m. – Ian D. Odell  
"Base Excision Repair on Nucleosomes Structure and Dynamics."

10:00 a.m. – William E. Damsky  
“The Role of Beta-Catenin in Melanoma Formation and Progression.”

10:25 a.m. – 10:45 a.m. - Break  
Medical Education Center Pavilion  

Session 2:  

10:45 a.m. – Jessica M. Cassavaugh  
"Glycogen Synthase Kinase 3 Regulation of Hypoxia Inducible Factor-1α: Implications in Hypoxia-Mediated Angiogenesis."

11:05 a.m. – 11:25 a.m. – John C. DeWitt  
Ciliary Neurotrophic Factor Promotes Differentiation by Promoting Process Outgrowth and Cell Cycle Withdrawal in Neuroblastoma Tumor Cells Derived from TH-MYCN Mice.”

11:25 a.m.—Julia C. Knight  
“Neural Stem Cell and T-Cell Cross-Talk.”

11:45 a.m.—Jane A. Roberts  
“Purinergic Inhibitory Junction Potentials are Selectively Attenuated in Regions of Disrupted Motility in the Inflamed Guinea Pig Distal Colon.”

Lunch: 12:00 p.m. – 12:40 p.m.  
Medical Education Center Pavilion

Session 3:

12:40—Sarah R. Gillett  
“Inflammation and Cognitive Decline: Association of CRP with Racial and Regional Differences in Cognitive Decline in the REGARDS Study.”

1:00 p.m. – W. Gabriel Tharp  
“Adipose Tissue Amyloid Precursor Protein and β-Amyloid: Insulin Resistance and Inflammation.”

1:20 p.m. – Phan Thai  
“Greater Caspase Activity in Human γδ T Cells Versus αβ T Cells Primes γδ T Cells for Death.”

1:40 p.m. – Rebecca A. Martin  
“Nitrogen Dioxide (NO2)-Induced Serum Amyloid A3 is an Endogenous Adjuvant in Th17 Polarized Allergic Sensitization.”

2:00 p.m.— Keynote Address  
Gyongyi Szabo, M.D., Ph.D., Professor, Associate Dean for Clinical and Translational Science, Director of Hepatology and Liver Center, University of Massachusetts Medical School  
“Hepatitis C Infection: The View as a Physician Scientist.”

3:20p.m. - Presentation of the Joseph B. Warshaw Award  
3:30 pm  - Closing Reception  
Medical Education Center Pavilion