

2008 SYNERGY Research Awards

2008: SYNERGY Translational Research Pilot Awards

Co-PIs: José R. Conejo-Garcia, M.D., PhD, Assistant Professor of Microbiology & Immunology and of Medicine; William Rigby, M.D., Professor of Medicine and of Microbiology & Immunology
Project: *Defining the Role of Pilar+ T Cells In Autoimmunity*

Co-PIs: Maia S. Rutman, MD, Assistant Professor of Pediatric Emergency Medicine; Ann-Christine Duhaime, MD, Professor of Neurosurgery; Cliff Eskey, MD, PhD, Associate Professor of Radiology and Surgery; John Weaver, PhD, Professor of Radiology
Project: *Rapid Magnetic Resonance Imaging for Traumatic Brain Injury Detection in Children*

Co-PIs: Jon D. Lurie, MD, MS, Associate Professor of Medicine and of Community & Family Medicine; Richard M. Greenwald PhD, Associate Professor (Adjunct) of Thayer School of Engineering
Project: *Randomized ActiveStep™ Clinical Evaluation*

Co-PIs: George O'Toole, PhD, Associate Professor of Microbiology & Immunology; H. Worth Parker, M.D., Associate Professor of Medicine and of Pediatrics; Bruce Stanton, PhD, Professor of Physiology
Project: *A Novel Therapy for Cystic Fibrosis: Tobramycin and FDA-approved Iron Chelators Synergistically Eliminate Drug Resistant Pseudomonas aeruginosa Biofilms*

2008: SYNERGY Micro-Pilot Awards

Co-PIs: Amitabh Srivastava, MD, Assistant Professor of Pathology; David J. Robbins, PhD, Associate Professor of Pharmacology & Toxicology
Project: *Sonic Hedgehog Signaling in the Pathogenesis of Barrett's esophagus (BE) and BE-associated neoplastic lesions*

Co-PIs: Brent Berwin, PhD, Assistant Professor of Microbiology & Immunology; Karl Griswold, PhD, Assistant Professor, Thayer School of Engineering
Project: *Understanding the Basis for Susceptibility of Cystic Fibrosis Patients to Chronic Pseudomonas aeruginosa Bacterial Infection*

Co-PIs: Stephen Liu, MD, MPH, Assistant Professor of Medicine and of Community & Family Medicine; Richard Comi, MD, Associate Professor of Medicine, Section Chief of Endocrinology
Project: *A Pilot Study of the Use of Continuous Glucose Monitoring in Hospitalized Patients to Better Understand the Mechanism and Treatment of Steroid-Induced Hyperglycemia*

2008: Targeted Pilot Grant: Population Health, Nursing, and Community-Based Participatory Research

Co-PIs: Melanie Lawrence, MD, Adjunct Assistant Professor, CFMED; John H. Wasson, MD, Professor of Medicine and of Community & Family Medicine
Project: *An elementary school intervention for improved dental screening and oral health practices*

Co-PIs: Ellen Lavoie Smith, ARNP, Assistant Professor of Medicine; Allen Dietrich, Professor of Community & Family Medicine
Project: *Addressing the Challenges of New Hampshire's Cancer Survivor*

Co-PIs: Rob Whitley, PhD, Assistant Professor of Psychiatry; Joie Morris, Tri-County Community Action Program, Homeless Programs Coordinator

Project: *Pathways and Barriers to Health-Care among the Rural Homeless*

Co-PIs: Meghan Longacre, PhD, Instructor in Pediatrics; Gregory F. DeFrancis, MA, Montshire Museum of Science, Norwich, VT

Project: *Developing a Community Collaboration Model for Teaching Research-Based Nutrition Units in Middle Schools*