

FY 2009 Rubenstein School Sponsored Research Projects

Principal Investigator/ Fellow	Sponsor	Project Title	Start Date	End Date
Costanza, Robert	Earth Inc.	Solutions	9/1/2008	8/31/2010
Bowden, William B	Marine Biological Laboratory	Arctic LTER Stream Research Coordinator Support	1/23/2009	11/30/2009
Bowden, William B	U.S. Geological Survey/Department of the Interior	2007 Water Resource Institute Program	3/1/2009	2/28/2010
Bowden, William B	National Science Foundation	Spatial and Temporal Influences of Thermokarst Failures on Surface Processes in Arctic Landscapes	9/1/2008	8/31/2012
Bowden, William B	National Park Service/Department of the Interior	Inventory and Monitoring Project for the Northeastern Network, National Park Service	5/8/2006	12/31/2011
Bowden, William B	Vermont ANR Department of Environment Conservation	UVM-ANR Stream Flow Monitoring Project	12/1/2007	5/31/2009
Bowden, William B	Vermont Agency of Natural Resources (ANR)	VT ANR Supplement to 2009 Water Resource Institute	5/1/2009	6/1/2010
Bowden, William B	National Science Foundation	Collaborative Research: Changing Seasonality in Arctic Systems: Stream Network Seasonality	9/1/2009	8/31/2012
Bowden, William B	National Park Service/Department of the Interior	Thermokarst Distribution and Characterization in the National Park Service Arctic Network (ARCN)/Noatak River Project for the Arctic Network (ARCN) Inventory and Monitoring Program	4/1/2007	12/31/2008
Bowden, William B	Forest Service/Department of Agriculture	2009 Northeastern States Research Cooperative	1/7/2009	1/6/2014
Bowden, William B	Marine Biological Laboratory	Arctic LTER Stream Research Coordinator Support	3/20/2008	11/30/2008
Bowden, William B	Forest Service/Department of Agriculture	2008 Northeastern States Research Cooperative	8/1/2008	7/31/2013
Danks, Cecilia M	Forest Service/Department of Agriculture	Understanding and Accessing Voluntary Carbon Offset Markets: A New Source of Funding for Community Forestry	8/1/2008	7/31/2011
Donovan, Therese	U.S. Geological Survey/Department of the Interior	Improving Structured Decision Making Processes Through Relational Database Development and Analysis	6/1/2009	5/31/2010
Erickson, Jon D	University of California, Davis	Health for Animals and Livelihood Improvement (HALI)	10/1/2008	6/30/2009
Forcier, Lawrence K	U.S. Geological Survey/Department of the Interior	NADP/NTN Precipitation Monitoring Site at Proctor Hill Maple Research Center	10/1/2008	9/30/2009

Forcier, Lawrence K	National Oceanic & Atmospheric Administration/Department of Commerce	Emerging Threats to the Lake Champlain Ecosystem, 2008 Amendment	9/1/2008	8/31/2010
Forcier, Lawrence K	Vermont Department of Forests Parks and Recreation	Vermont Monitoring Cooperative	5/1/2008	6/30/2009
Forcier, Lawrence K	National Oceanic & Atmospheric Administration/Department of Commerce	Lake Champlain Sea Grant Year 3	2/1/2008	1/31/2010
Franco, Carol	Earth Economics	The Economics to Address Peak Oil	6/1/2008	7/31/2008
Ginger, Clare A	Forest Service/Department of Agriculture	Challenge Cost-Share Agreement - Admin Study of Special Forest Products Use in and around Green Mountain/Finger Lakes National Forest	7/1/2008	6/30/2009
Hawley, Gary J	Forest Service/Department of Agriculture	Preliminary Research of the Influence of Soil Calcium Depletion on Forest Carbon Sequestration	5/5/2009	5/1/2014
Hawley, Gary J	University of Maine at Orono	Restoring American Chestnut and Associated Products to the Northern Forest`	7/14/2008	7/31/2010
Hawley, Gary J	Forest Service/Department of Agriculture	Preliminary Research of the Cause(s) of Emerging Tree Declines within the Northern Forest: Phase 1 - Birch Decline	8/20/2007	8/20/2012
Hawley, Gary J	University of New Hampshire	Calcium Depletion as a limit to Tree Growth and Carbon Sequestration with the Northern Forest.	7/1/2008	6/30/2010
Homziak, Jurij	Vermont Agency of Natural Resources (ANR)	Green-Belt Rain Gardens in Saint Albans	5/28/2009	12/15/2009
Homziak, Jurij	Vermont Department of Environmental Conservation	Low Impact Development Friendly Schools, Milton High School Pilot Project	5/28/2009	5/27/2010
Jenkins, Jennifer C	Vermont Department of Forests Parks and Recreation	Vermont Monitoring Cooperative	7/30/2006	9/30/2008
Keeton, William S	Nature Conservancy	Effects of Intermediate Intensity Wind Disturbance on Forest Ecosystem Dynamics	6/1/2008	5/31/2009
Kuentzel, Walter F	Forest Service/Department of Agriculture	Characteristics of Public Land Users and their Long-Term Relationship with the Land	9/19/2008	9/30/2010
Manning, Robert E	National Park Service/Department of the Interior	Research to Support Management of Cumberland Island National Seashore	7/1/2008	6/30/2009
Manning, Robert E	National Park Service/Department of the Interior	Examining 21st Century Relevancy of Conservation and National Parks and Identifying Strategies for the Future Through a Graduate Fellowship for Applied Research	9/1/2008	9/30/2011

Manning, Robert E	National Park Service/Department of the Interior	Visitor Attitudes Toward Management of the Denali Park Road: A Stated Choice Analysis	7/28/2008	7/27/2009
Manning, Robert E	National Park Service/Department of the Interior	Examining 21st Century Relevancy of Conservation and National Parks and Identifying Strategies for the Future Through a Graduate Fellowship for Applied Research	9/1/2008	12/30/2010
Manning, Robert E	National Park Service/Department of the Interior	A Predictive Study of the Use Impacts on the Denali Park Road	3/1/2006	12/31/2008
Marsden, J. E	Great Lakes Fishery Commission	Determination of Micro-Elemental Stability of Sea Lamprey Statoliths	5/1/2009	4/30/2010
McEvoy, Thomas J	Vermont ANR Department of Environment Conservation	To Develop, Offer and Evaluate Teaching Methods and Materials That Will Help Forest-Owning Families Plan for Forests in Their Estates	5/1/2008	8/29/2008
O'Neil-Dunne, Jarlath P	Department of Agriculture USDA	Multi-State Urban Tree Canopy Assessment	1/1/2009	12/31/2010
Parrish, Donna L	Vermont Department of Fish & Wildlife ANR	Vermont Cooperative Fish and Wildlife Research Funding	7/1/2008	6/30/2010
Parrish, Donna L	Vermont Department of Fish & Wildlife ANR	Genetic Divergence of Mudpuppy (Necturus Maculosus) Populations in Lake Champlain and the Connecticut River	7/1/2009	6/30/2010
Pontius, Jennifer A	University of New Hampshire	Using Remote Sensing to Quantify and Understand Trends in Northeastern Forest Health Over the Past 25 Years.	7/18/2008	9/30/2010
Strong, Allan M / Perlut, Noah	Department of Agriculture USDA	Landscape Context as a Framework to Quantify the Multifunctionality of Agricultural Systems in the Northeast	5/1/2009	4/30/2013
Troy, Austin R.	Forest Service/Department of Agriculture	Development of Advanced Spatial Analyses for Examining the Relationships Among Social Groups, Land Management, and Vegetation Structure and Processes at the Parcel Level In Urban Areas.	10/1/2008	9/30/2009
Troy, Austin R.	Forest Service/Department of Agriculture	Development of Advanced Spatial Analyses for Examining the Relationships Among Social Groups, Land Management, and Vegetation Structure and Processes at the Parcel Level In Urban Areas.	6/23/2006	10/31/2008
Troy, Austin R.	Lincoln University (New Zealand)	Ecosystem Services and Sustainable Agriculture	1/1/2006	6/30/2009

Wallin, Kimberly F	Forest Service/Department of Agriculture	Determine the Effects of Natural or Artificially Induced Tree Stress on the Colonization Behavior of <i>S. Noci</i>	11/20/2008	11/19/2009
Wang, Deane	Department of Agriculture USDA	Forest Ecosystem Health in a Globalizing World: Building a Diverse Community of Scholars	10/1/2008	9/30/2013
Wang, Deane	Forest Service/Department of Agriculture	Supporting the Integrated Resource Project (Dorset and Peru Vermont)	6/8/2009	9/30/2010
Wang, Deane	Cooperative State Research, Education, & Extension Service/Department of Agriculture	Multicultural Scholars Program at UVM - The Rubenstein School of Environment and Natural Resources FY08	1/15/2009	1/14/2014
Wang, Deane	National Audubon Society, Inc.	Developing the Land Stewardship (LANDS) Program- A College Conservation Corps for the 21st Century.	3/1/2009	12/31/2009
Wang, Deane	National Oceanic & Atmospheric Administration/Department of Commerce	Monitoring Meteorological Conditions on Lake Champlain and a Summary Analysis of Annual Mercury Deposition at Underhill, Vermont	9/1/2006	8/31/2009
Watts, Richard A	Vermont Agency of Transportation (AOT)	VTrans Statewide Transportation Model	9/1/2008	8/31/2009
Watzin, Mary C	Vermont Agency of Natural Resources (ANR)	An Environmental Scorecard to Track Phosphorus Pollution in the Lake Champlain Basin	3/5/2009	9/30/2010
Watzin, Mary C	Forest Service/Department of Agriculture	Research Cost Reimbursable Agreement - USDA Forest Service Northern Research Station and the University of Vermont Rubenstein School - Joint Scientist Position	8/1/2008	9/15/2010
Watzin, Mary C	Vermont Agency of Natural Resources (ANR)	Monitoring and Evaluation of Blue-Green Algae (cyanobacteria) in Lake Champlain, Summer 2008	10/1/2008	9/30/2010
Watzin, Mary C	Vermont Agency of Natural Resources (ANR)	An Environmental Scorecard to Track Phosphorus Pollution in the Lake Champlain Basin	5/1/2008	9/30/2010