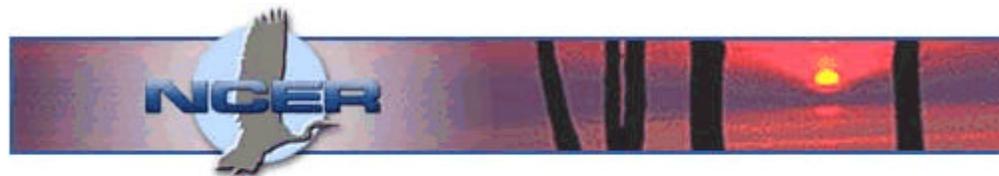




**NCER Funded
Science to Achieve Results (STAR)
Research Projects:**

Region 1 - STAR Grant List



NATIONAL CENTER FOR ENVIRONMENTAL RESEARCH



Office of Research and Development
U.S. Environmental Protection Agency

Tabular Query Results of NCER Program and Solicitation Information

104 Abstracts are listed

Your Query was:

"maine" <or> massachusetts <or> new hampshire <or> vermont <or> rhode island <or> connecticut <or> clark university <or> worcester polytechnic <or> northeast waste management <or> brandeis <or> brown university <or> wesleyan

massachusetts new hampshire vermont rhode island connecticut clark university worcester polytechnic northeast waste management brandeis brown university wesleyan">

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Clear Terms

Number	Identifier	Abstract	Institution	Principal Investigator	Grant Representative	Grant Amount	Proposed Start Date	Highlighted Result?
1	R825824	A Comparison of Direct Methods for Valuing Environmental Policies: A Case Study in New Hampshire's White Mountains	University of New Hampshire, University of Massachusetts, Appalachian Mountain Club	John M. Halstead, Thomas H. Stevens, L. Bruce Hill	Deborah Hanlon	\$159,071	October 1, 1997 - September 30, 1999	Highlighted
2	R82-2405	Assessing the Response of Three Pine Species to Ozone, Utilizing the Antioxidants Ethylenediurea and Sodium Erythorbate	University of Massachusetts	William J. Manning	none	\$367,212	3 years	Highlighted
3	R825251	Interstitial Lung Disease Moisture, Molds, and Mycotoxins	University of Connecticut, University of Maryland, HL Turner Group, and PandK Microbiology	Bruce Jarvis , Eileen Storey, William Turner, and Chin Yang	Deran Pashayan	\$572,710	December 2, 1996 - December 1 1999	Highlighted
4	U915038	Physiological and Behavioral Effects of Nutrient Limitation on the Toxic Dinoflagellate Alexandrium Tamarense	Woods Hole Oceanographic Institution/MIT	Nicole Poulton	none	none	none	Highlighted
5	U91-5420	The Return of the	Columbia University	Ellen Stroud	Jason Edwards	34,000	9/8/98	Highlighted

		Forest: Urbanization and Reforestation in the Northeastern United States						
6	GF-95-01458	Assessment of the Impact of Forest Habitat Fragmentation Through Analysis of Genetic Variability of Wood Frogs in Continuous and Discontinuous Forested Swamp Areas in Connecticut	Yale University	Karen H. Beard	Virginia Broadway	\$29,750	8/15/95	Highlighted
7	GF-95-00234	Assessing the Exposure of Winter Flounder to Genotoxic Compounds in Boston Harbor and Massachusetts Bay by Measuring Carcinogen-DNA Adducts	North Carolina State University	Phanendrakumar Penmetsa	Virginia Broadway	\$24,786	June 1995	Highlighted
8	R825762	Linking Watershed-Scale Indicators of Changes in Atmospheric Deposition to Regional Response patterns	Univ. of Maine, Univ. of Virginia, Champion Inc	J. Kahl, I. Fernandez, D. Mageean, S. Ballard, B. Cosby, S. Norton, L. Rustad, P. Ludwig	Barbara Levinson	\$623,395	September 1, 1997 - August 31, 2000	Highlighted
9	U915420	The Return of the Forest: Urbanization and Reforestation in the Northeastern United States	Columbia University	Ellen Stroud	none	none	none	Highlighted
10	R82-2913	A Molecular Approach for the Study of Environmental Carcinogenesis	University of Maine	Rebecca Van Beneden	none	\$359,705	3 years	Highlighted
11	GF-95-00514	Mechanisms of Gaseous Elemental Mercury (Hg) Formation in Fresh and Marine Waters	The University of Connecticut	Kristofer Rolfhus	Virginia Broadway	\$30,828	9/1/95	Highlighted
12	R822913	A Molecular Approach for the Study of Environmental Carcinogenesis	University of Maine	Rebecca Van Beneden	none	\$359,705	3 years	Highlighted
13	R825364	Analysis of Organic Byproducts from the use of Ozone/Chlorine and Ozone/Chloramines in Drinking Water Treatment	University of Massachusetts	David A. Reckhow and Thomas Potter	Sheila Rosenthal	\$355,795	January 1, 1997 - June 30, 1999	Highlighted
14	R825242	Pathophysiologic	Harvard University	John J. Godleski	Deran Pashayan	\$520,997	October 1,	Highlighted

		Mechanisms of Mortality Associated with Exposure to Concentrated Particulate Urban Air Toxics					1996 - September 30, 1999	
15	R82-1388	Effect of DNA Sequence Divergence on Gene Transfer Between Bacterial Species	Wesleyan University	Frederick M. Cohan	none	\$339,945	3 years	Highlighted
16	R825329	Environmental Hazard Assessment for Computer-Generated Alternative Syntheses	Brandeis University	James B. Hendrickson	Barbara Karn	\$275,235	October 15, 1996 - September 14, 1999	Highlighted
17	none	Developing a Consensus and Training on Pollution Prevention Metrics	Northeast Waste Management Officials' Association and , the New Jersey Technical Assistance Program	Terri Goldberg, Marcus Healey	none	none	none	Highlighted
18	U915222	The Role of Mycosporine-Like Amino Acids As Protectants Against Ultraviolet Radiation During Development of Green Sea Urchins, Strongylocentrotus Droebachiensis	University of Maine, Orono	Nikki L. Adams	none	none	none	Highlighted
19	R825307	Stated Preference Valuation Using Real Money for Real Forested Wetlands	University of Rhode Island	Stephen K. Swallow and Peter Paton	Debra Hanlon	\$165,081	October 15, 1996 - October 14, 1998	Highlighted
20	R82-1627	Environmental Monitoring and assessment of Wetlands Using Sedimentary Diatoms from Present and Past	University of Louisville	R. Jan Stevenson	none	\$255,798	2 years	Highlighted
21	none	Technical Outreach Services For Communities (TOSC)	New Jersey Institute of Technology	William Librizzi and Gerard McKenna	none	none	none	Highlighted
22	R825311	Decision-Making under Uncertainty in the Conservation of Biological Diversity	Woods Hole Oceanographic Institution; Oregon State University; University of Cincinnati; University of Maine; University of Idaho	Andrew R. Solow, Stephen Polasky, Jeffrey Camm, Raymond O'Connor, Blair Csuti	Deborah Hanlon	\$271,463	October 15, 1996 - October 14, 1998	Highlighted
23	none	Chemical Kinetic Modeling of Formation of Products of Incomplete Combustion from	Massachusetts Institute of Technology	Simone Hochgreb	none	\$158,541.00	06/30/98 ending date	Highlighted

		Spark-ignition Engines						
24	GF-95-00667	Ecology and Conservation: Predictions about Community Changes Due to Invasives	University of Connecticut	Cheryl Craddock	Virginia Broadway	\$34,000	6/1/95	Highlighted
25	R827120	The Effect of Clay on DNAPL Behavior During Alcohol Flushing	University of Vermont	Nancy J. Hayden	S. Bala Krishnan	\$375,240	December 1, 1998 - November 11, 2001	Highlighted
26	R825224	Design and Synthesis of Dendrimer Block Copolymers as Nanoporous Membranes for Environmental Separation Applications	Massachusetts Institute of Technology	Paula T. Hammond	Clyde Bishop	\$472,548	November 1, 1996 - September 30, 2001	Highlighted
27	R827407	Early Signs & Determinants of Biotoxins (Microcystins) in Lakes	University of New Hampshire	John J. Sasner, James F. Haney, Miyoshi Ikawa	Clyde Bishop	none	August 16, 1999 - August 15, 2000	Highlighted
28	R825267	Development of Population-Based Particle Exposure Models for Human Health Risk Assessment	Harvard University	John D. Spengler	Deran Pashayan	\$500,065	December 2, 1996 - December 1, 1999	Highlighted
29	R824794	Remote Sensing of NO and NO2 Emissions from Heavy-Duty Diesel Trucks Using Tunable Diode Lasers	Massachusetts Institute of Technology (MIT), Aerodyne Research, Inc.	GREGORY J. MCRAE, Department of Chemical Engineering, Massachusetts Institute of Technology (MIT); JOSE L. JIMENEZ, Department of Mechanical Engineering, MIT; DAVID D. NELSON, MARK S. ZAHNISER, & CHARLES E. KOLB, Aerodyne Research, Inc.	Deran Pashayan	\$388,284	10/1/95 - 9/30/98	Highlighted
30	R828192	Characterization and Minimization of Fine Particulate Emissions from Waste Incinerators by Real-Time Monitoring of Size-Resolved Mass and Chemical Composition	Massachusetts Institute of Technology	Professor Kenneth A. Smith and Dr. Douglas R. Worsnop	Thomas Veirs	\$335,000	June 2000 û May 2003	Highlighted
31	R825253	Heterogeneous Chemistry of Sub-micron Aerosols Related to Tropospheric Oxidants	Boston College; Aerodyne Research, Inc.	Paul Davidovits, J.T. Jayne, D.R. Worsnop and C.E. Kolb	Deran Pashayan	\$440,343	October 1, 1996 - September 30, 1999	Highlighted
32	U915437	An Urban Emissions Footprint Model	Washington State University	Susan M. O'Neill	none	none	none	Highlighted

33	R82-2363	Enforcement and Monitoring of Environmental Laws: An Experimental Examination of Compliance with Pollution Standards	University of Massachusetts, Boston	Paul Brown	none	\$28,216	1 year	Highlighted
34	R823185	A National Evaluation of Equity in Hazardous Waste Sites	Social and Demographic Research Institute, University of Massachusetts-Amherst	Douglas L. Anderton	Deborah Hanlon	\$263,470	none	Highlighted
35	R824767	Tracing the Fate of Nitrogen Inputs from Watersheds to Estuaries	Ecosystems Center, Marine Biological Laboratory, Woods Hole, MA	Linda A. Deegan and Bruce J. Peterson,	Barbara Levinson	\$232,323	January 1996 - December 1997	Highlighted
36	R824790	Cellular Mechanisms of Pulmonary Inflammation by Environmental Particles	Harvard School of Public Health	Lester Kobzik, M.D.	Deran Pashayan	\$546,895	October 1, 1995 - September 30, 1998	Highlighted
37	R824797	Bioaerosols, Health, and Productivity in a Large Office Building	Harvard University School of Public Health	Harriet A. Burge	Deran Pashayan	\$439,035	October 1, 1995 - September 30, 1998	Highlighted
38	R825309	Ecosystem Valuation Policy Applications for the Patuxent Watershed Ecological-Economics Model	Clark University	Jacqueline Geoghegan	Deborah Hanlon	\$104,685	January 1, 1997 - December 31, 1998	Highlighted
39	R825348	Phage-Mediated Transfer of Genes Between Bacterial Species	Wesleyan University	Frederick M. Cohan	Clyde Bishop	\$443,966	January 5, 1997 - January 4, 2000	Highlighted
40	R824751	Pollution Prevention Information Dissemination (P2ID) Printing Industry Project	Northeast States Pollution Prevention Roundtable, Northeast Waste Management Officials' Association	Terri Goldberg	Deborah Hanlon	\$160,000	October 1, 1995 - September 30, 1997	Highlighted
41	R82-2407	Investigation of Linkages Between Biomarker Indicators and Population-Level Responses	University of Rhode Island	David A. Bengtson	none	\$357,089	3 years	Highlighted
42	R825327	Pollution Prevention with the Use of Molecular Assemblies	University of Massachusetts at Boston	John C. Warner	Barbara Karn	\$344,713	October 15, 1996 - October 14, 1999	Highlighted
43	GF-95-01021	Impacts of Ultraviolet Radiation on Host-Virus Dynamics of Common Blue Green Algae (Synechococcus)	University of Rhode Island	Charles T. Audette	Virginia Broadway	\$26,891	none	Highlighted
44	R826219	ECO HAB: Trophic	Department of Marine	George McManus, Hans G.	Sheila L.	\$102,514	January	Highlighted

		effects of two dinoflagellates.	Sciences, University of Connecticut; Bigelow Laboratory for Ocean Sciences, West Boothbay Harbor, ME; School of Veterinary Medicine, University of Pennsylvania; Marine Biological Laboratory, Woods Hole, MA	Dam, Sandra E. Shumway, Roxanna M. Smolowitz	Rosenthal		15, 1998 - January 14, 1999	
45	GF-95-01227	Development of a Real Time Remote Sensing Network to Monitor Small Fluctuations in Urban Air Quality	Massachusetts Institute of Technology	Gary Adamkiewicz	Virginia Broadway	\$34,000	6/95	Highlighted
46	R823350	Undesirable Facilities and Political Boundaries Neighborhood Dynamics and House Prices	Department of Energy, Environmental and Mineral Economics, The Pennsylvania State University; Department of Economics, Northeastern University	Katherine T. McClain and Katherine A. Kiel	Deborah Hanlon	\$64,381	June 1, 1995 - December 31, 1996	Highlighted
47	R825360	Alternative Strategies for Quantification of Non-Cancer Health Risks, Utilizing Human Information on Interindividual Variability	Clark University	Dale Hattis	none	\$331,537	November 18, 1996 - November 17, 1999	Highlighted
48	none	Markers for Emissions from Combustion Sources	Massachusetts Institute of Technology	Adel F. Sarofim, J. B. VanderSande	none	\$225,789.12	06/30/97 ending date	Highlighted
49	U91-5360	Landscape Patterns in the Industrial Forest	Boston University, Department of Geography	Thomas Harrington Jr.	Georgette Boddie	25,094	9/3/98	Highlighted
50	U915187	International Environmental Law and Diplomacy	Massachusetts Institute of Technology and Yale Law School	Eric Sievers	none	none	none	Highlighted
51	U915033	Improving Selectivity In Metal Binding Polymers: Targeting Cesium	Massachusetts Institute of Technology	Alice Man	none	none	none	Highlighted
52	R825353	Digestive Solubilization of Sediment-Sorbed Contaminants A Comparison of In Vitro and In Vivo Processes	University of California, Berkeley; University of Maine	Donald P. Weston, Larry M. Mayer, and Deborah L. Penry	Clyde Bishop	\$374,945	December 1, 1996 - November 30, 1999	Highlighted
53	R824796	A Study of Ozone Concentration Gradients in Large Buildings, Including an Examination of Indoor Chemistry, Ventilation, Occupant Health	Harvard University School of Public Health	John D. Spengler	Deran Pashayan	\$425,708	October 1, 1995 - September 30, 1998	Highlighted

		Effects and Effects on HVAC Systems						
54	none	Investigation into the Effectiveness of DNAPL Remediation Strategies in Fractured Media	Massachusetts Institute of Technology	Patricia J. Culligan-Hensley, John T. Germaine	none	none	none	Highlighted
55	R82-8021	Linking Environmental and Social Performance Measurement for Management at National and Watershed Levels: Modeling and Statistical Approaches	Carnegie Mellon University, Pittsburgh, PA Research Triangle Institute, Research Triangle Park, North Carolina The Woods Hole Oceanographic Institution, Woods Hole, Massachusetts	Scott Farrow, Co-Principal Investigator, Carnegie Mellon University Mitchell Small, Co-Principal Investigator, Carnegie Mellon University Tim Bondelid, Co-Principal Investigator, Research Triangle Institute Andrew Solow, Co-Principal Investigator, Woods H	Barbara Levinson	\$649,864	January 10, 2000 to January 09, 2003	Highlighted
56	none	Characterization of Subsurface NAPL Distributions at Heterogeneous Field Sites	Massachusetts Institute of Technology	Dennis McLaughlin and Prof. Dale Morgan	none	none	none	Highlighted
57	U914963	Does Iron Limit the Cell Division Rate of the Marine Cyanobacteria Prochlorococcus in the Equatorial Pacific?	Woods Hole Oceanographic and the Massachusetts Institute of Technology	Elizabeth Mann	none	none	none	Highlighted
58	R825270	Development and Evaluation of a Novel Sampling Method to Determine the Phase Partitioning of Semi-Volatile Organic Compounds	Harvard University	Petros Koutrakis, Constantinos Sioutas, Mike Wolfson, and Joy Lawrence	Deran Pashayan	\$409,507	December 1, 1996 - November 30, 1999	Highlighted
59	R828170	Control of Mercury Emissions from Coal-Fired Power Plants	University of Connecticut, University of Utah	Joseph J. Helble, Adel F. Sarofim,	Paul Shapiro	\$224,642	July 1, 2000 - June 30, 2002	Highlighted
60	R823341	Biomineralization of Heavy Metals Within Fungal Mycelia A New Technology for Bioremediation of Hazardous Wastes	Worcester Polytechnic Institute	Theodore C. Crusberg	Bala Krishnan	\$296,053	October 1995 - September 1998	Highlighted
61	U915409	Be(com)ing Green: How Does Organizational Structure and Behavior Shape Corporate Environmental Management?	Massachusetts Institute of Technology	Jennifer Howard	none	none	none	Highlighted
62	U91-5352	The effects of legume and non-legume green manure crops on soil	University of Maine	Jeremy M. Plotkin	Delores Thompson	20,482	8/31/98	Highlighted

		nitrogen, soil organic matter, and potato growth in a potato cropping system						
63	R824787	In Situ Assessment of the Transport and Microbial Consumption of Oxygen in Groundwater	Wadsworth Center, New York State Dept of Health, Empire State Plaza, Albany, NY; U.S. Geological Survey, Boulder, CO; U.S. Geological Survey, Reston, VA	T. Yoshinari; R. L. Smith; J.K. Bohlke and K. Revesz;	Barbara Levinson	\$350,000	October 1995 - October 1998	Highlighted
64	R825959	The Influence of Nanoporosity in Soils from Contaminated Sites on Hydrocarbon Desorption Kinetics and Bioavailability	The Connecticut Agricultural Experiment Station, New Haven; and Princeton University	Joseph J. Pignatello and Alexander V. Neimark	Tom Veirs	\$436,399	January 1, 1998 - December 31, 2000	Highlighted
65	R824709	Developing Conjoint Stated Preference Methods for Valuation of Environmental Resources Within Their Ecological Context	University of Rhode Island	James J. Opaluch and Stephen K. Swallow	Deborah Hanlon	\$125,972	October 1995 - September 1997	Highlighted
66	U915360	A Fuzzy Set Approach to Classification of Land Cover Pattern	Boston University	Thomas B. Harrington Jr.	none	none	none	Highlighted
67	R824096	Human Influence on Ozone in the Tropical Troposphere An Interpretation of Observations Using a Global Three-dimensional Model	Harvard University	Daniel J. Jacob, Jennifer A. Logan, Clarisa M. Spivakovsky, and Steven C. Wofsy	Deran Pashayan	\$415,798	October 1, 1995 - September 30, 1998	Highlighted
68	R826155	Environmental Regulation and Productivity Benefits in the Paper Industry	George Perkins Marsh Institute, Clark University	Wayne B. Gray and Ronald J. Shadbegian	Debra Hanlon	\$300,000	October 1, 1997 - September 30, 2000	Highlighted
69	U915438	Environmental Regulatory Compliance: the California Approach	Vermont Law School	Jeff Staudinger	none	none	none	Highlighted
70	R828172	Eddy-Correlation Measurement of Size-Segregated and Composition-Resolved Aerosol Depositional Flux Using an Aerosol Mass Spectrometer	Massachusetts Institute of Technology	Kenneth A. Smith	Paul Shapiro	\$225,000	July 24, 2000 - July 23, 2002	Highlighted
71	R825757	Social and Ecological Transferability of Integrated Ecological Assessment Models	The Ecosystems Center, MBL, Woods Hole, MA; University of Connecticut, Social and	Linda A. Deegan, James Kremer, Thomas Webler	Barbara Levinson	\$ 850,575	June 1, 1998 - May 31, 2001	Highlighted

			Environmental Research Institute, Leverett, MA					
72	R825391	Real-Time Analysis of PAH Bound to Size-Resolved Atmospheric Particles by Tandem Time of Flight Mass Spectrometers	Massachusetts Institute of Technology	Kenneth Smith	Bill Stelz	\$375,000	October 1, 1996 - September 30, 1999	Highlighted
73	U914956	Using Sr Isotope Ratios to Trace Stormflow Generation	Dartmouth College	James F. Hogan	none	none	none	Highlighted
74	U915352	The Effects of Legume and Non-Legume Green Manures on Soil Carbon and Nitrogen Dynamics and on Growth and Yield of Potato Crops	University of Maine	Jeremy Barker Plotkin	none	none	none	Highlighted
75	R826121	Tailored Solvents for Pollution Source Reduction in Pharmaceutical and Fine Chemical Processing	Massachusetts Institute of Technology	T. Alan Hatton	Barbara Karn	\$180,000	November 1, 1997 - October 31, 2000	Highlighted
76	R826117	Aqueous Processing of Biodegradable Materials from Renewable Resources	University of Massachusetts, Lowell	Stephen P. McCarthy	Barbara Karn	\$300,004	November 1, 1997 - October 31, 2000	Highlighted
77	R826737	Alternative Wafer Cleaning Using HF-H2O Processing	Massachusetts Institute of Technology	Herbert H. Sawin	Barbara Karn	\$340,000	January 1, 1999 - December 31, 2001	Highlighted
78	R826618	Environmental Labeling of Electricity: Label Design and Performance	University of Maine	Mario F. Teisl	Ainsley Caldwell	\$72,573	September 1, 1998 - August 31, 2000	Highlighted
79	R825865	Foliar Chemistry as an Indicator of Forest Ecosystem Status, Primary Production and Stream Water Chemistry	University of New Hampshire	John Aber, Charles Driscoll, Richard Hallett, Mary Martin	Barbara Levinson	\$850,000	June 1 1998 - May 31 2001	Highlighted
80	R826165	Spouted Bed Electrolytic Recovery of Metals for Source Reduction and Waste Minimization	Brown University	Joseph M. Calo	S. Bala Krishnan	\$291,499	January 14, 1998 - January 13, 2001	Highlighted
81	none	Mathematical Models of the Transport and Fate of Airborne Organics	Department of Chemical Engineering, Massachusetts Institute of Technology	Gregory J. McRae	none	\$154,852.57	06/31/97 ending date	Highlighted
82	U915161	Optimizing Remediation of	University of Massachusetts, Lowell	Katherine R. Weeks	none	none	none	Highlighted

		Trichloroethylene in Aqueous and Soil Systems Using Fenton-Like Oxidation						
83	R826164	A Nitric Oxide/Ammonia Sensor for Fossil Fuel Combustion Control Applications	University of Maine	John F. Vetelino, B.E. Segee, and D.J. Dwyer	S. Bala Krishnan	\$197,761	January 21, 1998 - January 20, 2000	Highlighted
84	R825395	Variability in the Properties of Dissolved Organic Matter and its Influence on Speciation of Heavy Metals (Cd, Cu, Pb)	Ohio State University; Yale University	Dr. Yu-Ping Chin and Dr. Gaboury Benoit	Sheila Rosenthal	\$253,769	December 5, 1996 - December 4, 1998	Highlighted
85	none	Experimental Studies and Numerical Modeling of Turbulent Combustion During Thermal Treatment of Hazardous Wastes: Applied Research for the Generation of Design and Diagnostic Tools	Massachusetts Institute of Technology	: Adel F. Sarofim , Kenneth A. Smith, John P. Longwell and Carlo Procaccini	none	none	none	Highlighted
86	R828174	Tracking Persistent Organic Pollutants (POPs) Through Biotic and Abiotic Processes in the Environment	Connecticut Agricultural Experiment Station	MaryJane Incorvia Mattina, Brian Eitzer, Ted Simon	Paul Shapiro	\$194,622	July 1, 2000 to June 30, 2002	Highlighted
87	U915237	Predicting the Onset of Aggregation of Aerosol Particles	University of Connecticut	Randy S. Garabedian	none	none	none	Highlighted
88	U915010	Cascades of Character Change and Speciation: A Study Using Populations of Threespine Stickleback, Gasterosteus Aculeatus, in Alaska	Clark University	William A. Cresko	none	none	none	Highlighted
89	U915163	Rethinking Decision-Making in the Face of Scientific Uncertainty: Operationalizing the Precautionary Principle	University of Massachusetts, Lowell	Joel A. Tickner	none	none	none	Highlighted
90	R825825	A Decision Analysis Framework for Groundwater Remediation	Massachusetts Institute of Technology	Charles F. Harvey, Charles M. Harvey	Deborah Hanlon	\$205,000	October 1, 1997 - September 30, 2000	Highlighted
91	none	Improved Methods for Assessment of Hydrologic Vulnerability to	University of Washington; Princeton University	Dennis P. Lettenmaier and Eric F. Wood	Barbara Levinson	\$463,762	none	Highlighted

		Climate Change						
92	U915353	Investigating Millennial Scale Climate Change with A Sea-Ice/ocean Model and An Ice Sheet Model	University of Maine	Heather Franco	none	none	none	Highlighted
93	R827674	Effects of N Deposition on Gaseous N Loss from Temperate Forest Ecosystems	1 Institute of Ecosystem Studies, Millbrook, NY.; 2 NASA-Ames Research Center, Moffett Field, CA; 3 USDA Forest Service, Timber and Watershed Laboratory, Parsons, WV; 4 University of Maine, Orono, Maine; 5 USDA Forest Service, Northeastern Research Station	Peter M. Groffman 1 (groffmanp@ecostudies.org) and Louis V. Verchot 1, Christopher Potter2, Mary Beth Adams3, Ivan Fernandez4, and Lindsey Rustad5	Barbara Levinson	\$894,361	October 1, 1999 to September 30, 2002	Highlighted
94	R826731	Continuous Micro-Sorting of Complex Waste Plastics Particle Mixtures Via Liquid-Fluidized Bed Classification (LFBC) for Waste Minimization and Recycling	Brown University	J.M. Calo	Barbara Karn	\$120,000	February 1, 1999 - January 31, 2001	Highlighted
95	none	Laboratory Studies of Intermediate Steps in the Atmospheric Oxidation of Organic Compounds	Massachusetts Institute of Technology	Mario J. Molina	none	\$67,000.00	06/30/99 ending date	Highlighted
96	R827450	Infrastructure Systems, Services, and Climate Change: Integrated Impacts and Response Strategies for the Boston Metropolitan Area	Tufts University1, Boston University2	Paul H. Kirshen1 (pkirshen@tufts.edu), Matthias Ruth, Ph.D2	Brian Sidlauskas	\$899,985	September 14, 1999 through September 13, 2002	Highlighted
97	R827635	Microbiological and Physicochemical Aspects of Mercury Cycling in the Coastal/Estuarine Waters of Long Island Sound and Its River-Seawater Mixing Zones	Dept. of Marine Sciences, University of Connecticut, Groton CT 06340	William F. Fitzgerald (wfitzger@uconnvm.uconn.edu) and Pieter T. Visscher	Barbara Levinson	\$592,035	October 1, 1999 - September 30, 2002	Highlighted
98	U91-5353	Millennial scale climate variability: A low-order model relating Heinrich and Dansgaard-Oeschger	University of Maine	Heather Franco	Georgette Boddie	26,202	6/1/98	Highlighted

		events						
99	R826738	In situ Diagnostic Techniques for Probing Solvation Effects in Supercritical Fluid Reaction Media for Synthetic Organic Chemistry	Massachusetts Institute of Technology	Jeffrey I. Steinfeld and Jefferson W. Tester	Barbara Karn	\$265,000	October 1, 1998 - September 30, 2001	Highlighted
100	R824794	Remote Sensing of NO and NO2 Emissions from Heavy-Duty Diesel Trucks Using Tunable Diode Lasers	Massachusetts Institute of Technology, Aerodyne Research, Inc.	Jose L. Jimenez, Gregory J. Mcrae, David D. Nelson, Mark S. Zahniser, & Charles E. Kolb	Deran Pashayan	none	October 1, 1995 - September 30, 1998	Highlighted
101	none	Modeling Gas-Phase Chemistry and Heterogeneous Reaction of Polycyclic Aromatic Compounds	Massachusetts Institute of Technology	J. B. Howard and C. J. Pope	none	\$171,960.00	06/30/98 ending date	Highlighted
102	none	Combustion Chamber Deposit Effects on Engine Hydrocarbon Emissions	Massachusetts Institute of Technology	J.B. Heywood and S. Hochgreb	none	\$496,011.66	06/30/97 ending date	Highlighted
103	none	Effects of Biotic Complexity on the Response of Marsh Ecosystems to Nutrient Enrichment	Multiscale Experimental Ecosystem Research Center (MEERC) at the University of Maryland Center for Environmental Science	Stevenson, Reyes, Madden (Brawley, Dewar)	none	none	none	Highlighted
104	none	Investigation of the Formation of Particulate Matter in Spark-Ignited Engines	Massachusetts Institute of Technology	Simone Hochgreb and Arthur Lafleur	none	\$75,000.00	06/30/99 ending date	Highlighted

Collections that were searched are:

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