

US Dept of Agriculture

Coop State Res, Educ and Ext Service

Kittredge Jr., David Brayton - Natural Resources Conservation

CO-PI: Stevens, Thomas H Resource Economics

CO-PI: Schweik, Charles Natural Resources Conservation

CO-PI: Catanzaro, Paul Natural Resources Conservation

"Acorn (a CoOperative Resource Network): Internet to Promote Ecosystem-Level Cooperation Among Private Forest Owners"

US Dept of Agriculture/2006-55101-16564

Research/Grant

105-0768/ A125350

January 01, 2006 - December 31, 2009

Direct \$343,034/ Indirect \$76,966/ Total \$420,000

US Dept of Commerce

Nat'l Oceanic and Atmospheric Admin

Loomis, David K - Natural Resources Conservation

"A Human Dimensions Integrated Assessment for the Dry Tortugas"

US Dept of Commerce/ DG133C-05-SE-6582

Research/Contract

106-0290/ A125342

November 29, 2005 - December 01, 2006

Direct \$72,000/ Indirect \$18,000/ Total \$90,000

US Dept of Defense

Army Research Office

Lesser, Alan J - Polymer Science and Engineering

"Enhanced Performance of Rigid-Rod Polymeric Fibers by Post-treatment in Supercritical Carbon Dioxide"

US Dept of Defense/W911NF-05-1-0478P00001

Research/Grant

106-0834/ A124589

December 05, 2005 - December 04, 2006

Direct \$66,449/ Indirect \$33,551/ Total \$100,000

Thayumanavan, Sankaran - Chemistry

"Polymers for Phase Transfer Catalysis in the Fluorophase"

US Dept of Defense/W911NF-05-1-0390 P00001

Research/Grant

106-0850/ A124715

December 01, 2005 - November 30, 2006

Direct \$48,387/ Indirect \$26,613/ Total \$75,000

Office of Naval Research

de Bruyn Kops, Stephen - Mechanical and Industrial Engineering

"Dynamics of Turbulence Strongly Influenced by Buoyancy"

US Dept of Defense/N00014-04-1-0687 P00003

Research/Grant

106-0690/ A122607

November 16, 2005 - December 31, 2006

Direct \$44,421/ Indirect \$21,579/ Total \$66,000

US Dept of Energy

US Dept of Energy

Hertzbach, Stanley S. - Physics

"Experimental Elementary Particle Physics at UMass Amherst"

US Dept of Energy/DE-FG02-92ER40715 A027

Research/Grant

106-0836/

January 01, 2005 - December 31, 2005

Direct \$56,740/ Indirect \$23,260/ Total \$80,000

Lovley, Derek - Microbiology

"Biotransformation Involved in Sustained Reductive Removal of Uranium in Contaminant Aquifers"

US Dept of Energy/DE-FG02-04ER63719 A003

Research/Grant

106-0835/

November 15, 2005 - November 14, 2006

Direct \$194,439/ Indirect \$105,482/ Total \$299,921

US Dept of Health and Human Services

National Institutes of Health

Anderton, Douglas L - Sociology

CO-PI: Swedlund, Alan C. Anthropology

"Grammars of Death: 19th-Century Literal Causes of Death from the Age of Miasma to Germ Theory"

US Dept of Health and Human Services/5 R01 HD044074-03

Research/Grant

106-0560/

January 01, 2006 - December 31, 2006

Direct \$181,960/ Indirect \$37,202/ Total \$219,162

Wade, George N. - Psychology

"Hormones, Brain Function, and Behaviors"

US Dept of Health and Human Services/5 R01 NS010873-33

Research/Grant

106-0459/

December 01, 2005 - November 30, 2006

Direct \$148,800/ Indirect \$81,840/ Total \$230,640

Independent Establishments & Govt Corps

Environmental Protection Agency

Zoeller, R. Thomas - Biology

"Thyroid Toxicology: PCBs Exert Thyroid Hormone-Like Effects on Oligodendrocyte Development"

Independent Establishments & Govt Corps/FP - 91642401 - 1

Other/Contract

106-0832/ A122893

August 18, 2004 - August 18, 2007

Direct \$3,326/ Indirect \$0/ Total \$3,326

National Aero and Space Administration

Hyers, Robert - Mechanical and Industrial Engineering

"Measurement of High Temperature Creep Resistance via Electrostatic Levitation"

Independent Establishments & Govt Corps/NNM04AA78G#01

Research/Grant

106-0434/ A123301

May 31, 2005 - August 15, 2006

Direct \$33,184/ Indirect \$16,816/ Total \$50,000

Independent Establishments & Govt Corps

National Aero and Space Administration

Siqueira, Paul - Electrical and Computer Engineering

"Advanced Performance Two-Channel Ku- and KA-band Dual-Downconverters for Interferometric Radar Applications"
Independent Establishments & Govt Corps/NNG06GA46G

Research/Grant

105-1330/

November 15, 2005 - November 14, 2008

Direct \$98,063/ Indirect \$27,369/ Total \$125,432

National Mediation Board

Katsh, Ethan - Legal Studies

CO-PI: Sondheimer, Norman Computer Science

"Government Online Dispute Resolution"

Independent Establishments & Govt Corps/

Research/Co-op

106-0413/ A125344

October 01, 2005 - September 30, 2006

Direct \$57,329/ Indirect \$5,671/ Total \$63,000

Small Business Administration

Parkin, Georgianna E. - MA Small Business Dev Ctr

"Massachusetts Small Business Development Center"

Independent Establishments & Govt Corps/6-603001-Z-0022-26

Other/Co-op

106-0016/ A124696

October 01, 2005 - September 30, 2006

Direct \$1,758,572/ Indirect \$0/ Total \$1,758,572

National Science Foundation

National Science Foundation

Cooke, Michele L - Geosciences

"CAREER: Response of Fault Systems to Shifts in Tectonic Regime: Implications for the Evolution of and Present-day Activity"

National Science Foundation/EAR-0349070#003

Research/Grant

106-0849/ A121744

December 19, 2005 - December 31, 2006

Direct \$105,065/ Indirect \$0/ Total \$105,065

Osterweil, Leon J - Computer Science

"Process Technology for Achieving Online Governmental Dispute Resolution"

National Science Foundation/IIS-0429297#001

Research/Grant

106-0765/ A123515

November 01, 2005 - October 31, 2006

Direct \$201,285/ Indirect \$98,282/ Total \$299,567

Tuominen, Mark - Physics

"Functional Nanoscale Elements and Charge Transport in Nanoscale Soft Matter Systems"

National Science Foundation/DMR-0306951#003

Research/Grant

106-0848/ A121566

December 16, 2005 - December 31, 2006

Direct \$72,850/ Indirect \$37,150/ Total \$110,000

Commonwealth of Massachusetts

MA Cultural Council

Assaf, Andrea - Fine Arts Center

"Organizational Support - Second Year of Two-Year Grant"

Commonwealth of Massachusetts/CT ART 1130050000000002117

Other/Contract

106-0462/ A125366

July 01, 2005 - June 30, 2006

Direct \$6,000/ Indirect \$0/ Total \$6,000

Assaf, Andrea - Fine Arts Center

"YouthReach Initiative - Second year of Two-Year Grant"

Commonwealth of Massachusetts/CT ART 1130050000000002118

Other/Contract

106-0460/ A125364

July 01, 2005 - June 30, 2006

Direct \$13,000/ Indirect \$0/ Total \$13,000

Devi, Ranjanaa - Fine Arts Center

"Organizational Support - Year 2"

Commonwealth of Massachusetts/CT ART 1130050000000002118

Other/Contract

106-0437/ A125338

July 01, 2005 - June 30, 2006

Direct \$3,700/ Indirect \$0/ Total \$3,700

MA Dept of Agricultural Resources

Schrader, Robert W. - UMASS Extension

"Massachusetts 4-H Program"

Commonwealth of Massachusetts/CT-AGR-6EARMARK4-HACTIV1

Other/Contract

106-0605/ A

December 15, 2005 - June 30, 2006

Direct \$100,000/ Indirect \$0/ Total \$100,000

Wick, Robert L. - Plant, Soil and Insect Sciences

"Lab Analysis for Sudden Oak Death"

Commonwealth of Massachusetts/

Research/Contract

106-0580/ A125347

November 29, 2005 - December 31, 2005

Direct \$16,364/ Indirect \$1,636/ Total \$18,000

MA Dept of Conservation and Recreation

Kane, Brian - Natural Resources Conservation

CO-PI: Ryan III, H Dennis Natural Resources Conservation

"Assessment of Urban and Community Forestry Capacity in MA"

Commonwealth of Massachusetts/CT DCR 5CTDCR4900UMASSU

Research/Contract

106-0604/ A125365

November 30, 2005 - June 30, 2007

Direct \$24,924/ Indirect \$2,233/ Total \$27,157

MA Highway Department

Mulholland, Mitchell T - Anthropology - Archaeological Services

"Washington, Valley Road Bridge Replacement Project"

Commonwealth of Massachusetts/

Research/Contract

106-0749/ A125324

November 29, 2005 - June 30, 2006

Direct \$11,791/ Indirect \$1,149/ Total \$12,940

Commonwealth of Massachusetts

MA Highway Department

Mulholland, Mitchell T - Anthropology - Archaeological Services

"Route 20 (Boston Road) and Post Office Park Drives (East and West) Intersection Improvements, Wilbraham MA"

Commonwealth of Massachusetts/

Research/Contract

106-0768/ A125346

November 03, 2005 - June 30, 2006

Direct \$5,171/ Indirect \$506/ Total \$5,677

Shuldiner, Paul W. - UMASS Transportation Center

"Cooperative Research Program, Task 6: MetroWestSuburban Mobility Research, Development and Technology Project"

Commonwealth of Massachusetts/CCDPW 08134MS9793

Research/Contract

106-0660/ A125343

November 25, 2005 - November 21, 2006

Direct \$0/ Indirect \$0/ Total \$0

MA Technology Transfer Center

Theis, Karsten W - Biochemistry and Molecular Biology

"High Throughput Vapor Diffusion Technology for Nanogram Scale Crystallization of Biological Macromolecules"

Commonwealth of Massachusetts/

Research/Contract

106-0143/ A125311

August 01, 2005 - December 31, 2006

Direct \$25,000/ Indirect \$0/ Total \$25,000

Other States and Local Governments

Central Mass Regional Planning Com

Taupier, Richard P. - The Environmental Institute

"GIS Study"

Other States and Local Governments/

Research/Grant

106-0634/ A125312

November 17, 2005 - May 30, 2006

Direct \$6,995/ Indirect \$595/ Total \$7,590

Chester Town of

Connolly, Joseph F. - Human Resources

"Southern Hilltowns Adult Education Center (SHAEC)"

Other States and Local Governments/5641

Research/Contract

105-1221/ A125148

September 10, 2005 - September 30, 2006

Direct \$60,480/ Indirect \$6,048/ Total \$66,528

Gill Town of

Mulholland, Mitchell T - Anthropology - Archaeological Services

"Gill, MA-Archaeological Reconnaissance and Intensive Survey of the Mariamante Parcel"

Other States and Local Governments/

Research/Contract

106-0696/ A125345

November 20, 2005 - November 20, 2006

Direct \$13,654/ Indirect \$1,335/ Total \$14,989

Other States and Local Governments

Hadley Town of

Mulholland, Mitchell T - Anthropology - Archaeological Services

"Hadley Phase 1 Archaeological Intensive Survey, Water Treatment Facility"

Other States and Local Governments/

Research/Contract

106-0697/ A125326

November 21, 2005 - January 21, 2006

Direct \$5,830/ Indirect \$564/ Total \$6,394

Holyoke Cultural Council

Wilda, Elizabeth - AIMS

"Spirit of Providence- Springfield Segments"

Other States and Local Governments/

Other/Grant

106-0473/

December 12, 2005 - June 30, 2006

Direct \$1,000/ Indirect \$0/ Total \$1,000

Springfield Water and Sewer Commission

Reckhow, David A - Civil & Environmental Engineering

CO-PI: Tobiason, John Eric Civil & Environmental Engineering

"Natural Organic Matter in Springfield's Cobble Mountain Reservoir and Watershed"

Other States and Local Governments/

Research/Contract

106-0110/

December 28, 2005 - June 30, 2006

Direct \$9,123/ Indirect \$912/ Total \$10,035

VT Agency of Transportation

Collura, John - UMASS Transportation Center

"Evaluation of the Green Bike Lanes on Williston Road"

Other States and Local Governments/VTAOT05-04A 0984394

Research/Contract

106-0204/

December 07, 2005 - June 30, 2006

Direct \$13,138/ Indirect \$0/ Total \$13,138

Foundations

CARE Inc

Evans, David R. - Educational Policy Research & Admin

"Sudan Basic Education Project INCREMENTAL FUNDING"

Foundations/623-A-00-02-00068-00-UMASS-01 #3

Other/Contract

106-0676/ A118930

November 18, 2005 - March 31, 2006

Direct \$333,823/ Indirect \$96,177/ Total \$430,000

Rasmussen Foundation, V. Kann

Boyce, James K. - Economics

"The Corporate Toxics Information Project"

Foundations/

Other/Grant

106-0283/ A125351

November 15, 2005 - June 30, 2007

Direct \$68,182/ Indirect \$6,818/ Total \$75,000

Industry

Council Oak II

Mulholland, Mitchell T - Anthropology - Archaeological Services

"Council Oak Development, Dighton - Phase 1 Archaeological Intensive Survey"

Industry/

Research/Contract

106-0698/ A125370

November 16, 2005 - November 16, 2006

Direct \$11,697/ Indirect \$2,290/ Total \$13,987

E. I. Dupont De Nemours and Co

Vittum, Patricia J. - Plant, Soil and Insect Sciences

"Turf Insect Ecology"

Industry/

Research/Grant

106-0781/ A110429

November 16, 2005 - December 31, 2049

Direct \$14,795/ Indirect \$1,480/ Total \$16,275

Eastman Kodak

Capistran, James D - Polymer Science and Engineering

CO-PI: Lesser, Alan J Polymer Science and Engineering

"CUMIRP Part I Cluster N: Nanoscopic Materials"

Industry/

Research/Contract

106-0730/ A112026

September 01, 2005 - December 31, 2049

Direct \$11,502/ Indirect \$6,498/ Total \$18,000

Environmental Engineering & Technology

Tobiason, John Eric - Civil & Environmental Engineering

"Innovative Applications of Treatment Processes for Spent Filter Backwash"

Industry/

Research/Contract

106-0035/

October 17, 2005 - May 01, 2008

Direct \$67,635/ Indirect \$11,888/ Total \$79,523

Gale Associates Inc

Mulholland, Mitchell T - Anthropology - Archaeological Services

"Archaeological Survey for the Vegetation Removal, Westfield-Barnes Airport, Westfield, MA"

Industry/

Other/Contract

105-1589/ A125340

October 20, 2005 - October 20, 2006

Direct \$13,624/ Indirect \$1,326/ Total \$14,950

Intel Corporation

Shenoy, Prashant - Computer Science

"Intel Corporation Unrestricted Grant"

Industry/

Research/Grant

106-0746/ A125325

November 21, 2005 - December 31, 2049

Direct \$60,000/ Indirect \$0/ Total \$60,000

Industry

Keno Inc

Wilcox, Bruce G. - University Press

"Stillinger, Elizabeth "A Kind of Archeology: Collecting American Folk Art 1876-1976"

Industry/

Other/Grant

106-0723/ A125381

October 11, 2005 - December 31, 2049

Direct \$1,000/ Indirect \$0/ Total \$1,000

KSE Inc

Malone, Michael F. - Chemical Engineering

CO-PI: Huss, Robert S Chemical Engineering

"Conceptual Design for Reactive Distillation of Vinyl Ethers"

Industry/

Research/Contract

106-0043/

November 01, 2005 - June 30, 2007

Direct \$126,292/ Indirect \$71,708/ Total \$198,000

Raytheon Co

McLaughlin, David J - Electrical and Computer Engineering

"Research Support - Unrestricted Account"

Industry/

Other/Grant

106-0393/ A125375

August 26, 2005 - December 31, 2049

Direct \$36,364/ Indirect \$3,636/ Total \$40,000

McLaughlin, David J - Electrical and Computer Engineering

"Research Support - Unrestricted Account"

Industry/

Other/Grant

106-0394/ A125375

June 23, 2005 - December 31, 2049

Direct \$36,364/ Indirect \$3,636/ Total \$40,000

Semiconductor Research Corp

Fischetti, Massimo - Electrical and Computer Engineering

"Simulation of Electronic Transport in "Unconventional" MOSFETs"

Industry/

Research/Contract

106-0135/

January 01, 2006 - December 31, 2006

Direct \$6,656/ Indirect \$3,761/ Total \$10,417

Tighe and Bond Consulting Engineers

Mulholland, Mitchell T - Anthropology - Archaeological Services

"Raynham-Phase 2 Site Examination Survey of the Bassett Brook Historic Site for the Phase 6 Sewer Project"

Industry/

Research/Contract

106-0769/ A125369

December 15, 2005 - December 15, 2006

Direct \$11,820/ Indirect \$1,157/ Total \$12,977

Industry

Toyota Technical Center

Lovley, Derek - Microbiology

"Optimization of Microbial Fuel Cells via Genetic Engineering and Development of New Anode Surfaces"

Industry/

Research/Contract

106-0389/

December 01, 2005 - November 30, 2006

Direct \$118,182/ Indirect \$11,818/ Total \$130,000

Vermont Electric Power Company

Mulholland, Mitchell T - Anthropology - Archaeological Services

"Feasibility Study/Records Review for Section of Underground 115kV Power Line, NW VT Reliability, Shelburne VT."

Industry/PO #22019

Research/Contract

106-0451/

October 12, 2005 - October 17, 2006

Direct \$4,819/ Indirect \$947/ Total \$5,766

Institutes and Associations

American Sociological Association

Clawson, Dan - Sociology

CO-PI: **Anderton, Douglas L Sociology**

CO-PI: **Gerstel, Naomi R. Sociology**

CO-PI: **Misra, Joya Sociology**

CO-PI: **Stokes, Randall G Sociology**

CO-PI: **Zussman, Robert Sociology**

"Editorship of the Rose Series in Sociology"

Institutes and Associations/

Other/Grant

106-0826/ A112500

December 08, 2005 - February 15, 2006

Direct \$2,080/ Indirect \$0/ Total \$2,080

Brookhaven National Lab

Willocq, Stephane - Physics

"Atlas Experiment at the Large Hadron Collider"

Institutes and Associations/101336 Amend.#2

Research/Contract

106-0223/

December 30, 2005 - September 30, 2006

Direct \$98,490/ Indirect \$25,399/ Total \$123,889

Cape Cod Cranberry Growers' Assoc

Sandler, Hilary A - Cranberry Experiment Station

"Cranberry Research: Integrated Pest Management of Dodder Floods."

Institutes and Associations/

Research/Grant

106-0814/ A110214

December 01, 2005 - December 31, 2009

Direct \$4,204/ Indirect \$0/ Total \$4,204

Institutes and Associations

Cranberry Institute

Averill, Anne L. - Plant, Soil and Insect Sciences

"Cranberry Insect Projects"

Institutes and Associations/

Research/Grant

106-0685/ A118916

October 20, 2005 - December 31, 2009

Direct \$3,250/ Indirect \$0/ Total \$3,250

Averill, Anne L. - Plant, Soil and Insect Sciences

"Cranberry Insect Projects"

Institutes and Associations/

Research/Grant

106-0692/ A118916

October 20, 2005 - December 31, 2009

Direct \$2,875/ Indirect \$0/ Total \$2,875

Sandler, Hilary A - Cranberry Experiment Station

"Kerb Efficacy and BMP Development (Note: Kerb is a Herbicide.)"

Institutes and Associations/

Research/Grant

106-0648/ A110214

October 20, 2005 - December 31, 2009

Direct \$550/ Indirect \$0/ Total \$550

Joint Oceanographic Institutions

Leckie, R. Mark - Geosciences

"Calcareous Nannofossil and Foraminiferal Biostratigraphy of Porcupine Basin"

Institutes and Associations/

Research/Contract

106-0211/

May 01, 2005 - February 28, 2008

Direct \$14,030/ Indirect \$7,961/ Total \$21,991

Other Colleges and Universities

Chalmers University of Technology

Tobiason, John Eric - Civil & Environmental Engineering

"Chalmers Drinking Water Research Program (Unrestricted Grant)"

Other Colleges and Universities/

Research/Grant

106-0440/ A122135

August 16, 2005 - December 31, 2009

Direct \$11,091/ Indirect \$1,109/ Total \$12,200

Cornell University

Averill, Anne L. - Plant, Soil and Insect Sciences

"IR-4 Minor Crop Pest Management"

Other Colleges and Universities/48745-7854

Research/Contract

106-0402/

April 15, 2005 - April 14, 2006

Direct \$4,000/ Indirect \$0/ Total \$4,000

Other Colleges and Universities

Cornell University

Wick, Robert L. - Plant, Soil and Insect Sciences

"Regional Center for Plant Diagnostic Facility"
Other Colleges and Universities/42681-7228 #4
Research/Contract
106-0245/ A121862
November 22, 2005 - June 30, 2006
Direct \$3,500/ Indirect \$0/ Total \$3,500

Harvard University

Sugerman, Michael - Anthropology

"American Expedition to Idalion, Cyprus: Final Report"
Other Colleges and Universities/
Research/Contract
105-1455/ A124486
June 01, 2005 - May 30, 2010
Direct \$25,000/ Indirect \$0/ Total \$25,000

Pennsylvania State University

Schloemann, Sonia - Plant, Soil and Insect Sciences

"In Search of Sustainable Botrytis Management: A Research and Extension Effort"
Other Colleges and Universities/3049-UM-UV-5227
Research/Contract
105-0498/
April 01, 2005 - June 30, 2008
Direct \$6,000/ Indirect \$0/ Total \$6,000

Princeton University

Wilcox, Bruce G. - University Press

"Augst, Thomas "Institutions of Reading"
Other Colleges and Universities/
Other/Grant
106-0442/ A125348
September 09, 2005 - December 31, 2049
Direct \$4,000/ Indirect \$0/ Total \$4,000

University of Delaware

Katsoulakis, Markos - Mathematics and Statistics

"Multiscale Modeling of Spatially Distributed Biological Systems"
Other Colleges and Universities/8847 CCST 372128
Research/Contract
105-1187/
August 15, 2005 - August 14, 2006
Direct \$65,791/ Indirect \$36,185/ Total \$101,976

University of Maryland

Shuldiner, Paul W. - UMASS Transportation Center

"I-95 Corridor Coalition Contract Manager"
Other Colleges and Universities/Q020701 Mod A
Research/Contract
106-0477/ A121506
January 01, 2006 - December 31, 2006
Direct \$134,941/ Indirect \$13,494/ Total \$148,435

Other Colleges and Universities

University of Missouri

Wilcox, Bruce G. - University Press

"Subvention toward Publication Cost of "Tolerable Entertainment: Herman Melville and Professionalism in Antebellum NY" by John Evelev"
Other Colleges and Universities/
Other/Grant
106-0665/ A125378
October 25, 2005 - December 31, 2049
Direct \$4,000/ Indirect \$0/ Total \$4,000

University of Nebraska

Sireci, Stephen G - Educational Policy Research & Admin

"Evaluation of the National Assessment of Educational Progress"
Other Colleges and Universities/25-1712-0001-04
Research/Contract
106-0441/ A123607
September 24, 2005 - September 23, 2006
Direct \$263,802/ Indirect \$84,618/ Total \$348,420

University of Pennsylvania

Tew, Gregory N - Polymer Science and Engineering

"Antimicrobial Designer Materials"
Other Colleges and Universities/5-40076 #4
Research/Contract
106-0256/ A119489
September 01, 2005 - August 31, 2006
Direct \$66,266/ Indirect \$30,734/ Total \$97,000

Other Sponsors

Driscoll, W. John

Wilcox, Bruce G. - University Press

"Stillinger, Elizabeth "A Kind of Archeology: Collecting American Folk Art 1876-1976"
Other Sponsors/
Other/Grant
106-0725/
November 02, 2005 - December 31, 2049
Direct \$5,000/ Indirect \$0/ Total \$5,000

National Radio Astronomy Observatory

Yun, Min S - Astronomy

"GBT Student Support Program"
Other Sponsors/GSSP06-0002
Research/Grant
106-0340/ A125349
October 01, 2005 - September 30, 2006
Direct \$26,134/ Indirect \$3,000/ Total \$29,134