

UNIVERSITY OF MASSACHUSETTS
DARTMOUTH

Annual
Report of
Proposals
and
Awards

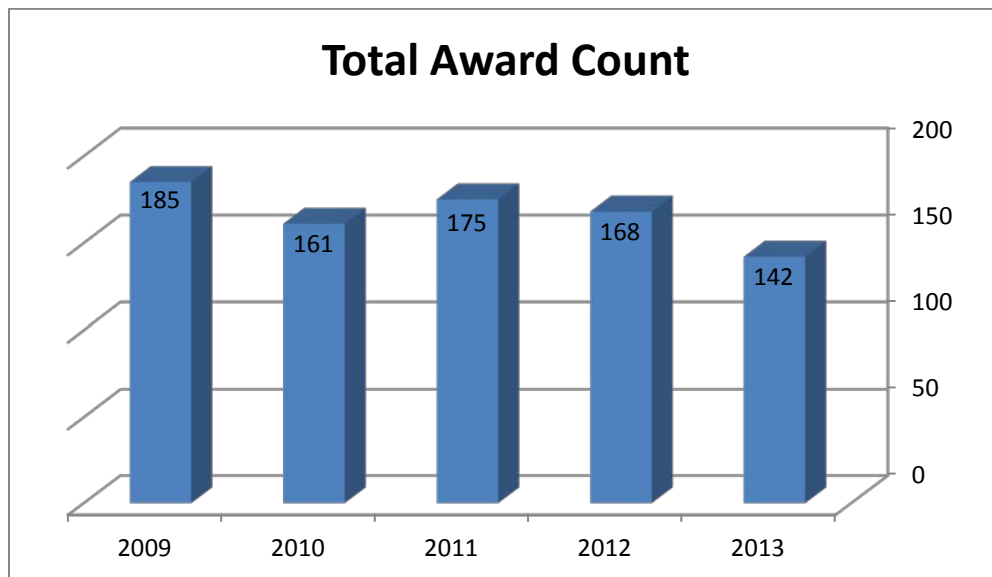
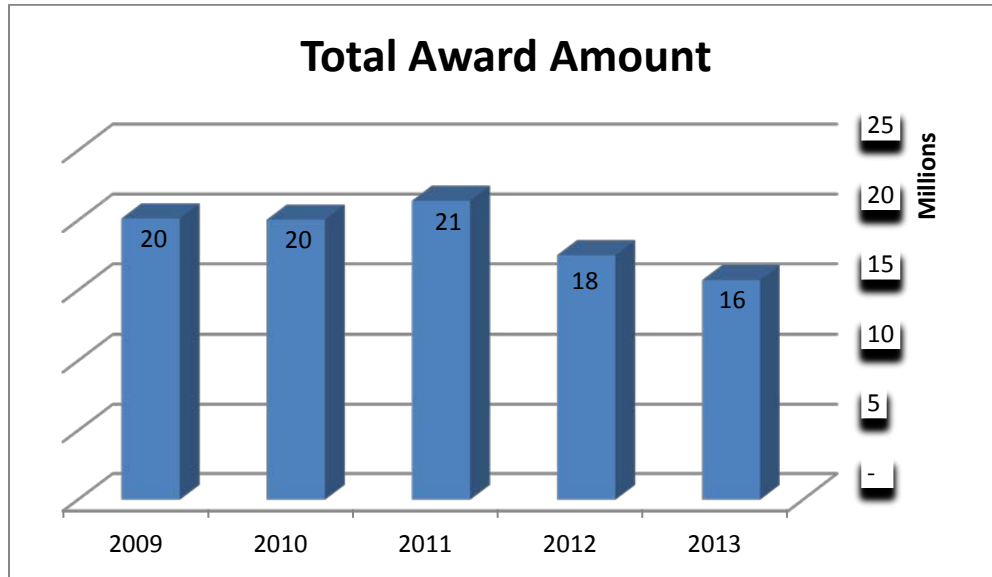
2013

Summary of Sponsored Project Activity July 1, 2012 – June 30, 2013

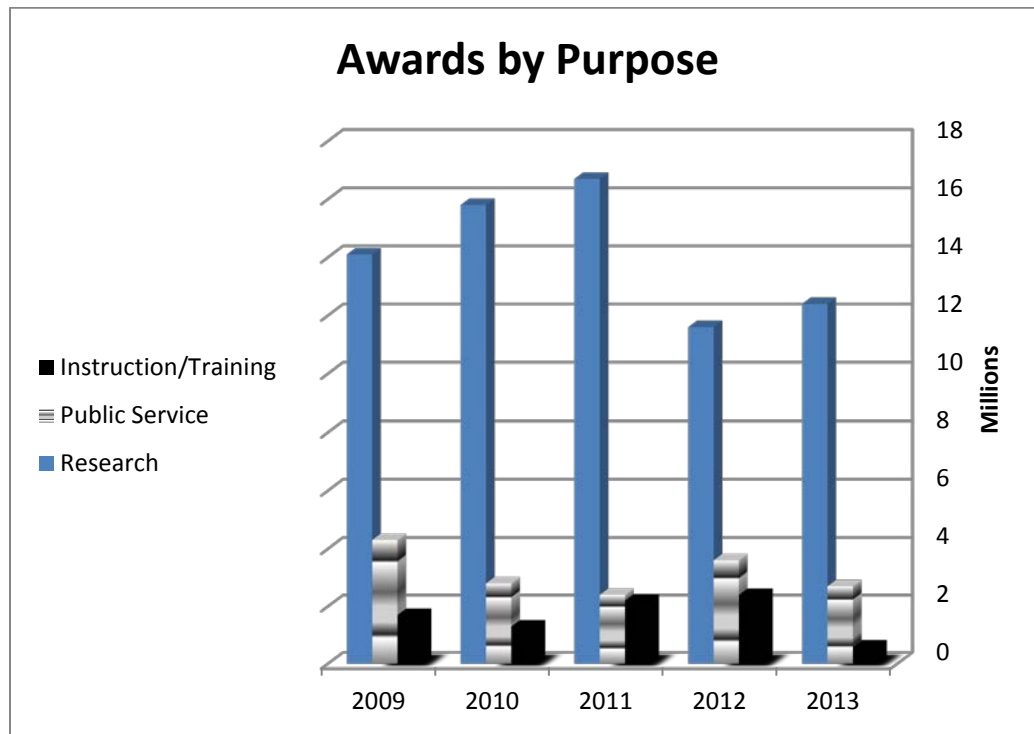
Office of
Research
Administration

Summary Fiscal Year 2013 Proposal and Award Activity

Awards levels decreased from FY 12 to FY 13 by 10%. External funding in the form of new or continuing grants and contracts received by the University of Massachusetts Dartmouth was received in the amount of \$15,738,962 during fiscal year 2013 compared to \$17,504,995 in FY12. These awards include Research, Training and Other Sponsored Activities. The following charts show the comparison of award amounts and numbers for fiscal years 2009 through 2013. The total number of awards was 142 compared to 168 in FY12.



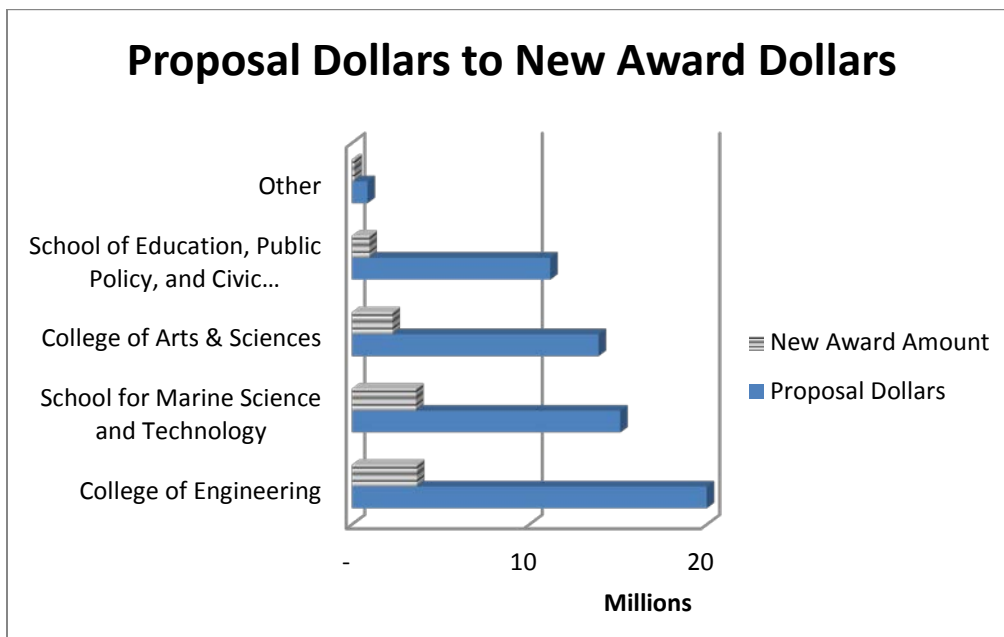
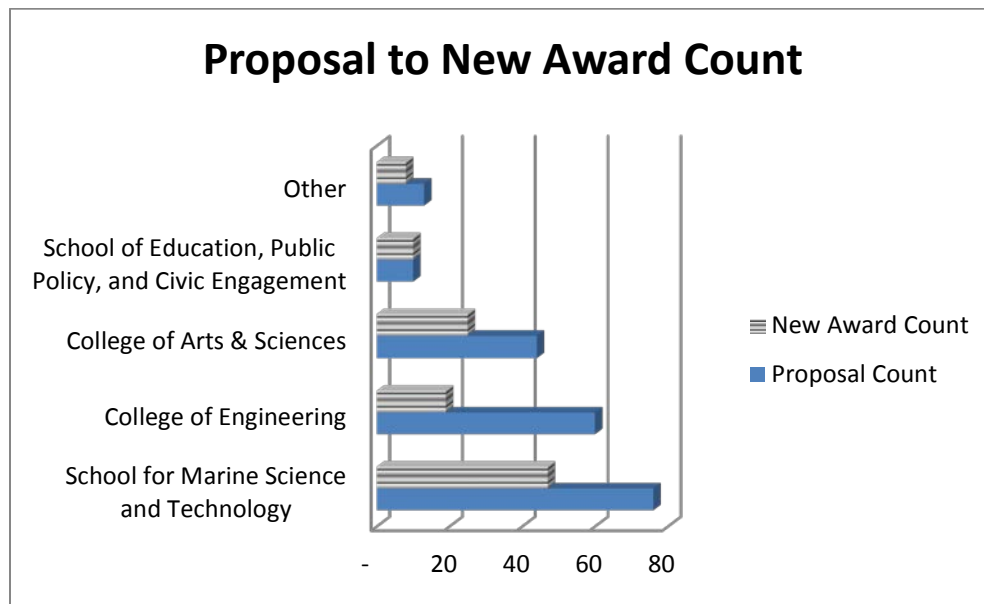
The majority of awards received were for research purposes, these awards totaled more than \$12.4 million in FY 13, 79% of the total compared to 11.6 million in FY 12, 66% of the total, \$16.7 million in FY11, \$15.8 million in FY10 and \$14.1 million in FY 09. Public Service and Other Sponsored awards were 17% of the total at \$2.7 million compared to \$3.6 million in FY 12, \$2.4 million in FY11, \$2.8 million in FY10 and \$4.3 million in FY 09. The remaining 4% of awards totaling \$.6 million were for instruction and training purposes compared to \$2.4 in FY12 \$2.2 million in FY11, \$1.3 million in FY10 and \$1.7 million in FY 09.



	<u>Awards by Purpose in Millions</u>				
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
Instruction/Training	1.7	1.3	2.20	2.4	0.6
Public Service	4.3	2.8	2.40	3.6	2.7
Research	14.1	15.8	16.70	11.6	12.4
Total	20.10	19.90	21.30	17.6	15.7

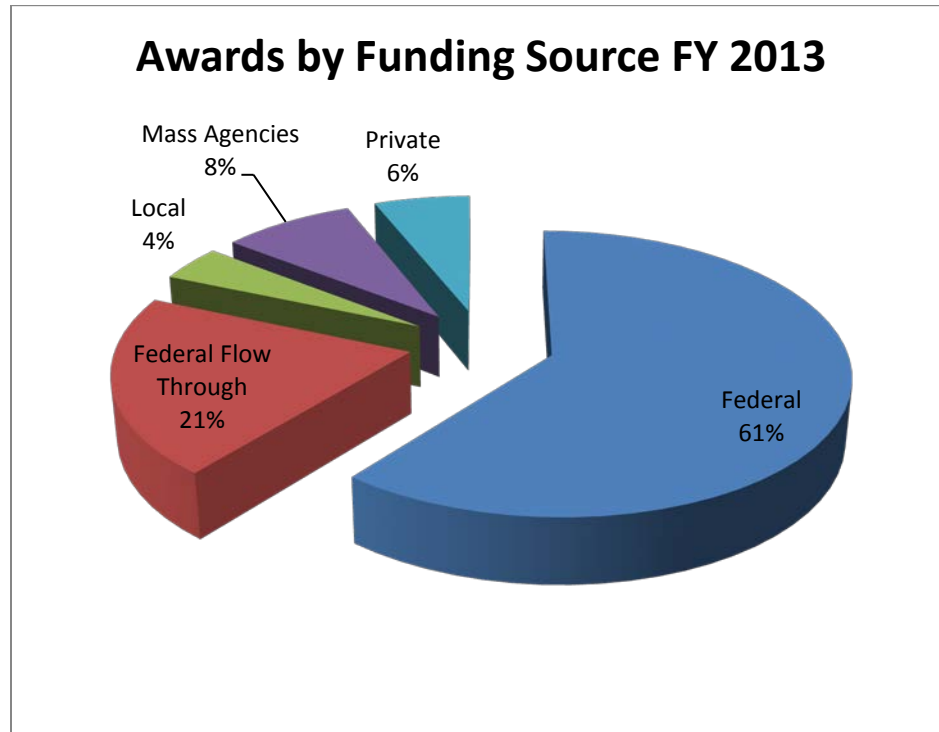
Proposals to Awards Comparisons Fiscal Year 2013

In fiscal year 2013, 89 faculty and project directors submitted 203 proposals requesting \$61 million compared to 100 faculty and project directors submitting 237 proposals requesting \$83 million in FY 2012. The average proposal value requested was \$302,223 compared to \$349,015 in FY 2012. Of the funding received in FY 2013, 109 were new awards totaling \$10.7 million. The following page includes graphs of both the number and value of proposals submitted compared to new awards received.



Awards by Funding Source

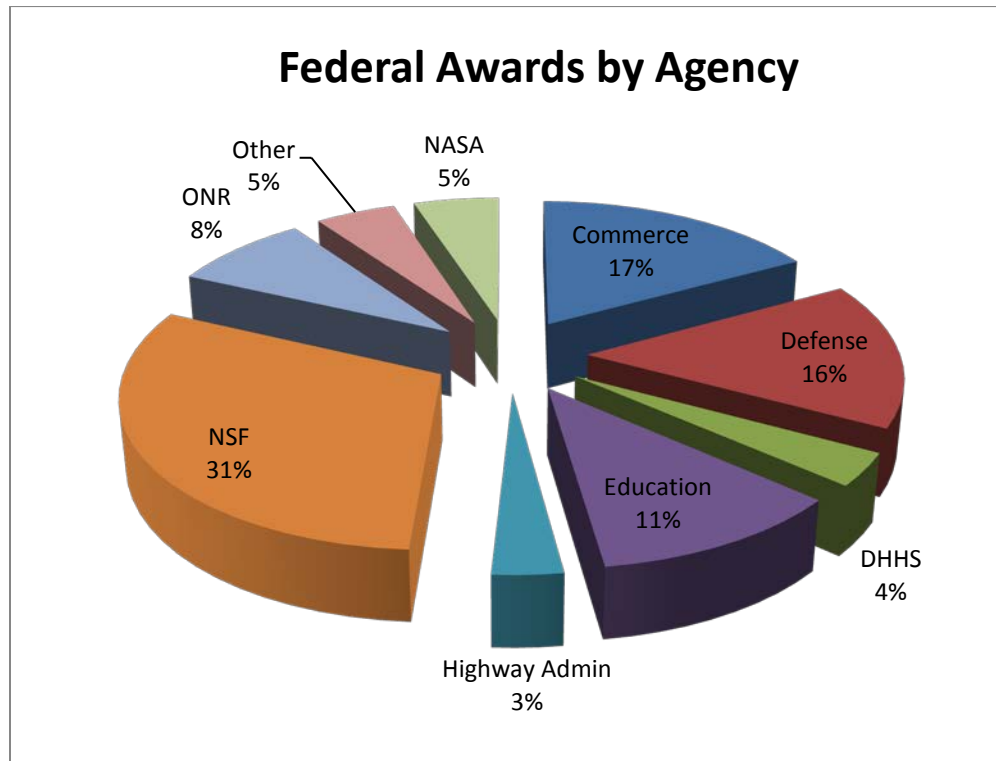
Federal funding received directly from federal agencies and as flow through from nonfederal sources represented 82% of total award dollars. Commonwealth of Massachusetts agencies and local governments provided 12% of total funding, Industry nonprofit and other organizations totaled 6%.



Awards by Funding Source Fiscal Year 2013

Federal	9,573,790
Federal Flow Through	3,235,292
Local Government	647,998
Mass Agencies	1,322,079
Private	959,802
Grand Total	15,738,962

There was a total of \$13 million in funding provided by the federal government either directly or as a subrecipient by UMD during FY 2013. The National Science Foundation provided the most federal funding, \$3.9 million (*down from \$5.7m in FY12*). The Department of Commerce including NOAA increased to \$2.2 million. The Department of Defense increased to 2 million. The Department of Education provided \$1.5 million (*down from \$2.5m in FY12*). The Office of Naval Research increased to \$1.1 million. NASA, DHHS and the Highway Administration provided between \$650,000 to \$400,000 respectively. The remaining was provided by various federal agencies including the USDA, National Endowment for the Humanities, Department of Transportation and the Department of Labor.



Awards by Federal Agency Fiscal Year 2013

<u>Federal Agency</u>	<u>Amount</u>
Commerce	2,173,543
Defense	2,016,515
DHHS	451,515
Education	1,460,000
Highway Admin	399,937
NASA	648,581
NSF	3,943,734
ONR	1,103,278
Other	611,980
Grand Total	12,809,082

The following pages present tables of awards by Executive Unit, Department and Principal Investigator.

**University of Massachusetts Dartmouth
Research and Other Sponsored Awards
Comparison Report of Awards by College
FY 2013 through FY 2011**

Unit	2013		2012		2011	
	Number	Amount	Number	Amount	Number	Amount
College of Arts & Sciences	27	2,955,082	31	2,702,432	38	2,799,262
College of Business	2	8,560	-	-	-	-
College of Engineering	25	4,391,939	32	4,185,434	33	4,225,582
College of Nursing	2	314,099	6	514,282	3	296,384
School for Marine Science & Technology	64	4,967,122	64	4,525,363	69	9,026,551
School of Education, Public Policy and Civic Engagement	13	2,168,904	17	3,374,330	17	2,722,811
Chancellor's Office	1	92,896	6	931,885	8	1,818,143
Professional & Continuing Education	2	28,000	3	56,000	2	46,000
Academic Affairs	6	812,360	7	1,201,439	5	462,103
Student Affairs	-	-	1	3,000	0	-
Grand Total	142	15,738,962	168	17,504,995	175	21,396,836

University of Massachusetts Dartmouth
External Research and Other Sponsored Awards
By College and Department
FY2013, 2012 and 2011

Unit/ Department	2013	2012	2011
Academic Affairs			
Academic Resource Center	390,995	390,995	403,504
Provost Office	62,150	21,850	31,145
Southcoast Compeer	-	3,000	7,500
Student Affairs	-	-	-
Upward Bound Department	359,215	788,594	19,954
Academic Affairs Total	812,360	1,204,439	462,103
Administrative Services			
Public Safety Department	-	-	1,000
Administrative Services	-	-	1,000
Charlton College of Business			
Accounting & Finance	1,060	10,830	-
Management & Marketing	7,500	-	-
Charlton College of Business Total	8,560	10,830	-
College of Arts and Sciences			
Biology	491,950	1,013,512	259,538
Center of Indic Studies	-	13,181	27,917
Center of Labor Education	750,795	617,474	601,554
Chemistry & Biochemistry	919,564	374,268	791,849
Economics	-	-	15,000
English	-	-	1,000
Foreign Literature & Languages	-	-	-
History	350,997	228,600	200,445
Mathematics	424,901	344,804	487,457
Psychology	-	107,568	386,457
Sociology/Anthropology/Crime and Justice Studies	16,875	3,026	28,044
College of Arts and Sciences	2,955,082	2,702,432	2,799,262
College of Engineering			
Bioengineering	1,873,243	-	95,418
Civil & Environmental Engineering	819,585	1,278,125	764,220
Computer Information Science	308,769	424,998	309,993
Electrical Computer Engineering	648,391	1,374,692	1,182,303
Mechanical Engineering	411,451	824,016	154,860
Physics	330,500	221,502	644,573
Office of Campus and Community Sustainability	-	62,101	1,074,215
College of Engineering	4,391,939	4,185,434	4,225,582
College of Nursing			
Adult/Child Nursing	-	59,793	-
Community Nursing	-	14,985	12,555
Lead Paint Program	314,099	439,504	283,829
College of Nursing	314,099	514,282	296,384

<u>Unit/ Department</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>
Office of the Chancellor			
Administrative & Axiliary Services	-	52,650	-
Advanced Technology Manufacturing Center	-	24,533	198,112
Economic Development	92,896	90,000	60,000
International Programs Office	-	54,266	56,978
Marine Renewable Energy Center	-	710,436	1,502,053
Office of the Chancellor	92,896	931,885	1,817,143
Professional and Continuing Education			
Division of Continuing Education	28,000	56,000	46,000
Professional and Continuing Education	28,000	56,000	46,000
School for Marine Science and Technology			
Estuarine and Ocean Sciences	2,261,836	2,722,728	2,315,185
Fisheries Oceanography	2,705,286	1,802,635	6,711,367
School for Marine Science and Technology	4,967,122	4,525,363	9,026,551
School of Education, Public Policy, and Civic Engagement			
Center for Civic Engagement	5,000	6,500	524,623
Center for University, School & Community Partnership	835,704	2,094,550	1,077,371
Kaput Center	-	1,241,375	853,953
Policy Studies	-	31,905	29,440
Science, Technology, Engineering & Math	1,106,419	-	175,027
Teaching & Learning	221,781	-	62,398
School of Education, Public Policy, and Civic Engagemen	2,168,904	3,374,330	2,722,811
Grand Total	15,738,962	17,504,995	21,396,837

University of Massachusetts Dartmouth
External Research and Other Sponsored Awards
By College and Department
FY2013

<u>Unit/ Department</u>	<u>DIRECT</u>	<u>INDIRECT</u>	<u>TOTAL \$</u>
Academic Affairs			
Academic Resource Center	366,436.93	24,558.07	390,995.00
Provost Office	62,150.00	-	62,150.00
Upward Bound Department	333,943.15	25,272.00	359,215.15
Academic Affairs Total	762,530.08	49,830.07	812,360.15
Chancellor's Office			
Economic Development	84,451.00	8,445.00	92,896.00
Chancellor's Office Total	84,451.00	8,445.00	92,896.00
Charlton College of Business			
Accounting & Finance	847.88	211.98	1,059.86
Management & Marketing	7,500.00		7,500.00
Charlton College of Business Total	8,347.88	211.98	8,559.86
College of Arts & Sciences			
Biology	347,443.26	144,506.74	491,950.00
Center of Labor Education	695,179.17	55,615.33	750,794.50
Chemistry & Biochemistry	739,765.85	179,798.59	919,564.44
History	311,255.00	39,742.00	350,997.00
Mathematics	316,092.00	108,809.00	424,901.00
Sociology/Anthropology/Crime and Justice Studies	16,875.00		16,875.00
College of Arts & Sciences Total	2,426,610.28	528,471.66	2,955,081.94
College of Engineering			
Bioengineering	1,766,392.67	106,850.30	1,873,242.97
Civil & Environmental Engineering	691,687.81	127,896.87	819,584.68
Computer & Information Science	222,407.00	86,362.00	308,769.00
Electrical & Computer Engineering	472,059.27	176,331.73	648,391.00
Mechanical Engineering	289,935.00	121,516.00	411,451.00
Physics	219,793.00	110,707.00	330,500.00
College of Engineering Total	3,662,274.75	729,663.90	4,391,938.65
College of Nursing			
Lead Paint Program	285,580.72	28,518.28	314,099.00
College of Nursing Total	285,580.72	28,518.28	314,099.00
Professional & Continuing Education			
Division of Continuing Education	26,364.00	1,636.00	28,000.00
Professional & Continuing Education Total	26,364.00	1,636.00	28,000.00
School for Marine Science and Technology			
Estuarine and Ocean Sciences	1,669,508.22	592,327.78	2,261,836.00
Fisheries Oceanography	2,132,640.56	572,645.35	2,705,285.91
School for Marine Science and Technology Total	3,802,148.78	1,164,973.13	4,967,121.91
School of Education, Public Policy, and Civic Engagement			
Center for Civic Engagement	5,000.00	-	5,000.00
Center for University, School & Community Partnerships	776,247.44	59,456.56	835,704.00
Science, Technology, Engineering & Math	974,077.00	132,342.00	1,106,419.00
Teaching & Learning	195,484.26	26,297.00	221,781.26
School of Education, Public Policy, and Civic Engagement Total	1,950,808.70	218,095.56	2,168,904.26
Grand Total	13,009,116.19	2,729,845.58	15,738,961.77

**University of Massachusetts Dartmouth
Research and Other Sponsored Awards
By Principal Investigator/Project Director
Includes New Awards, Supplements and Continuations
Fiscal Year 2013**

EXECUTIVE LEVEL

Department/ Principal Inve SPONSOR		TITLE	SOURCE	AMOUNT
Academic Affairs				
Academic Resource Center				
Koumas,Sokratis	U.S. DEPARTMENT OF EDUCATION	Student Support Services	PS	390,995
Academic Resource Center Total				390,995
Provost Office				
Meressi,Tesfay	NATIONAL SCIENCE FOUNDATION	Graduate Research Fellowship	R	62,150
Provost Office Total				62,150
Upward Bound Department				
Hagopian,Kristin A	ISLAND FOUNDATION INC.	Upward Bound Student Leadership & College Tours	PS	10,000
	MA DEPT OF ELEMENTARY & SECONDARY ED	Summer Food Service Program 2012	PS	7,815
		Summer Food Service Program 2013	PS	228
	U.S. DEPARTMENT OF EDUCATION	Upward Bound Program	PS	341,172
Upward Bound Department Total				359,215
Academic Affairs Total				812,360
Charlton College of Business				
Accounting & Finance				
Griffin,Michael P	FM GLOBAL	Summer Internship FY13	I	1,060
Accounting & Finance Total				1,060
Management & Marketing				
Mora,Jose Domingo	UNIVERSITY OF PENNSYLVANIA	Co-exposure and Advertising Effectiveness: Toward a New Dimension of Electronic	R	7,500
Management & Marketing Total				7,500
Charlton College of Business Total				8,560
College of Arts & Sciences				
Biology				
Bromage,Erin S.	NATIONAL SCIENCE FOUNDATION	CAREER: Selective Sweep of Plasma Cell Specificity Following Vaccination	R	180,001
	U.S. DEPARTMENT OF AGRICULTURE	The Role of IgD in Rainbow Trout Protective Immunity	R	58,373
Oliveira,Kenneth	NATIONAL OCEANIC AND ATMOSPHERIC ADMIN	Histology & Otolith-Base Study of Black Sea Bass	R	33,000
Rajaniemi,Tara K.	NATIONAL SCIENCE FOUNDATION	Small-Scale Nutrient Heterogeneity and Root Competition in a Community Context	R	124,999
Silby,Mark Winston	TUFTS UNIVERSITY	Microbial Community Activity: Communication Among Soil Microbes	R	48,837
Turner,Jefferson T	BATTELLE MEMORIAL INSTITUTE	Harbor Outfall Monitoring 8	R	46,740
Biology Total				491,950
Center of Labor Education				
Jochim,Lisa A.	GREATER NB WORKFORCE INVESTMENT AREA	Adult Dislocated Workers FY13	PS	79,088
		FY 2013 DOE Adult Pathways Program	PS	37,161
		Rapid Response Dislocated Worker FY 14	PS	69,600

Jochim,Lisa A.	MA DEPT OF ELEMENTARY & SECONDARY ED	FY '13 Federal ABE Grant Award #340-009-3-1255-N	PS	161,030
		FY '13 State ABE Grant # 345-061-3-1255-N	PS	403,916
Center of Labor Education Total				750,795
Chemistry & Biochemistry				
Cai,Shuowei	ANTERIOS, INC.	Anterios Sponsored Research	R	77,045
Guo,Maolin	L'OREAL USA	Collaboration on ROS Probes between UMass and L'Oreal USA	R	95,937
		Impact of Solar Radiation on Skin Cells	R	13,820
	NATIONAL SCIENCE FOUNDATION	Fluorescent Sensors for Subcelluar Iron Imaging in Live-Cells	R	266,808
		MRI: Acquisition of a 400 MHz NMR to Support the Multidisciplinary Research and Ed	R	339,000
Neto,Catherine A.	CRANBERRY INSTITUTE	Efficacy of Cranberry Compounds Against Developing and Established E.Coli Biofilm	R	9,064
	UNIVERSITY OF PRINCE EDWARD ISLAND	Cranberry Phytochemicals, IGF-Signaling & Prostate Cancer	R	11,500
Singh,Bal R	MENTOR BIOLOGICS, INC.	Near UV Circular Dichroism (CD) for Tertiary Structure Characterization of PurTox	R	29,224
	NATIONAL INSTITUTES OF HEALTH	Botulinum Neurotoxin Trafficking and Tissue Distribution with Mouse Body Imaging	R	77,166
Chemistry & Biochemistry Total				919,564
History				
Koot,Gerard M	NATIONAL ENDOWMENT FOR THE HUMANITIES	The Dutch Republic and Britain: The Making of Modern Society and a European World	I	171,011
Walker,Timothy D.	NATIONAL ENDOWMENT FOR THE HUMANITIES	Sailing To Freedom: New Bedford and the Underground Railroad	I	179,986
History Total				350,997
Mathematics				
Chen,Yanlai	NATIONAL SCIENCE FOUNDATION	Developing Reduced Basis Methods for Galerkin and Collocation Framework	R	161,113
Gottlieb,Sigal	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Tailoring High Order Time Discretizations for Use With Spatial Discretizations of	R	103,909
	NATIONAL SCIENCE FOUNDATION	RUI: CSUMS: Research in Scientific Computing in Undergraduate Education (RESCUE)	R	159,879
Mathematics Total				424,901
Sociology/Anthropology/Crime and Justice Studies				
deSa,Maria Gloria	NATIONAL OCEANIC AND ATMOSPHERIC ADMIN	Documenting the Portuguese-American Experience in the Fishing Industry of New Bed	R	11,850
Robinson,Robin A.	UNIVERSITY OF MASSACHUSETTS MED SCHOOL	Assessment of Primary Health Care Needs and Obstacles to Care on the Outer Cape	R	5,025
Sociology/Anthropology/Crime and Justice Studies Total				16,875
College of Arts & Sciences Total				2,955,082

College of Engineering				
Bioengineering				
Calvert,Paul D.	U.S. ARMY NATICK SOLDIER RD&E CENTER	Photovoltaic Fabrics	R	1,802,710
Kim,Yong K.	ENGINEERED YARNS COMPANY	Electrostatically Flocked Graphite Fiber Interface for Thermally Conductive Struc	R	21,033
	LUNA INNOVATIONS, INC	Auxetic Textiles for Improved Blast/Ballistic Protection	R	49,500
Bioengineering Total				1,873,243
Civil & Environmental Engineering				
Mogawer,Walaa S	CHA CONSULTING, INC.	Innovative Pavement Preservation Materials and Technologies for the NY State Thru	R	75,000
	MA DEPARTMENT OF TRANSPORTATION	Mass DOT Pavement Profiler Certification, Evaluation of the Effect of Reduced Gyr	R	399,937
Pennell,Kelly	BROWN UNIVERSITY	Exposure Pathways, Dissolution Kinetics, & Fate of Nano-Silver in the Environment	R	31,958
		Reuse in RI: A State-Based Approach to Complex Exposures	R	55,690
Pour A Tootkaboni,M	NATIONAL SCIENCE FOUNDATION	Collaborative Research: Uncertainty quantification and model validation in thin-	R	215,255
Sengupta,Sukalyan	NATIONAL SCIENCE FOUNDATION	Joint NSF-DST Workshop on Implementation of Sustainable Technologies for Water	I	41,745
Civil & Environmental Engineering Total				819,585
Computer & Information Science				
Bergandy,Jan W	BRISTOL COMMUNITY COLLEGE	CAITE II	R	3,600
Vokkarane,Vinod M.	NATIONAL SCIENCE FOUNDATION	NeTS: Small: Coordinated Advance Reservation for Grid over Optical Networks	R	305,169
Computer & Information Science Total				308,769
Electrical & Computer Engineering				
Brown,David A.	OFFICE OF NAVAL RESEARCH	Training in Electroacoustic Transducer Modeling With Examples of the Low Frequenc	R	122,034
Buck,John R.	OFFICE OF NAVAL RESEARCH	Co-Prime Sensor Array Signal Processing	R	145,930
		Random Matrix Theory for Adaptive Beamforming	R	132,607
Cory,Lester W	MA REHABILITATION COMMISSION	Center for Rehabilitation Engineering Assistive Technology in SE Massachusetts	PS	7,000
Gendron,Paul John	OFFICE OF NAVAL RESEARCH	Requirements for Vendor Magnetic Sensors Employed for Underwater Surveillance Syst	R	75,000
Kasilingam,Dayalan P	GENERAL MOTORS CORP.	Micro-Doppler-Based Target Classification Using Automotive MIMO Radar	R	60,820
Li,Yifei	OFFICE OF NAVAL RESEARCH	Monolithic Microwave Photonic Integrated Circuits	R	105,000
Electrical & Computer Engineering Total				648,391

Mechanical Engineering				
Meressi,Tesfay	UNIVERSITY OF MASSACHUSETTS - BOSTON	Urban Massachusetts Louis Stokes Alliance for Minority Participation (Mid-Level A	I	43,230
Raessi,Mehdi	NATIONAL SCIENCE FOUNDATION	A Comprehensive Computational Framework for Analysis and Optimization of Wave Ene	R	368,221
Mechanical Engineering Total				411,451
Physics				
Khanna,Gaurav	NATIONAL SCIENCE FOUNDATION	Numerical Modeling of Large Mass-Ratio Black Holes Binaries Using Time-Domain	R	77,570
Tandon,Amit	OFFICE OF NAVAL RESEARCH	Coastal and Submesoscale Process Studies for ASIRI	R	53,871
		Submesoscale Routes to Lateral Mixing in the Ocean	R	92,657
	WOODS HOLE OCEANOGRAPHIC INSTITUTION	Interpreting the Ocean's Interior from Surface Data	R	69,317
Zarrillo,Marguerite L	UNIVERSITY OF MASSACHUSETTS - AMHERST	Security & Privacy Breaches in ETPS: Problem Survey & Case Study of I-90	R	37,085
Physics Total				330,500
College of Engineering Total				4,391,939
College of Nursing				
Lead Paint Program				
Smith,Elvira	MA DEPARTMENT OF PUBLIC HEALTH	Childhood Lead Posioning Prevention program	PS	313,634
	MA EXECUTIVE OFFICE OF HLTH & HUMAN SVC	FY 13 Salary Reserve	PS	465
Lead Paint Program Total				314,099
College of Nursing Total				314,099
Office of the Chancellor				
Economic Development				
Vigeant,Paul L	MASS. OFFICE OF BUSINESS DEVELOPMENT	Southcoast Development Partnership FY'13	PS	92,896
Economic Development Total				92,896
Office of the Chancellor Total				92,896
Professional & Continuing Education				
Division of Continuing Education				
Pacheco,Melissa M	DOMINION FOUNDATION	Cherry and Webb Gallery Fall River Community Grant	PS	10,000
	MASSACHUSETTS CULTURAL COUNCIL	Great Expectations (FY13-CE-IMP2-3091)	PS	18,000
Division of Continuing Education Total				28,000
Professional & Continuing Education Total				28,000
School for Marine Science and Technology				
Estuarine and Ocean Sciences				
Altabet,Mark A.	NATIONAL SCIENCE FOUNDATION	Collaborative Research: High Resolution Paleooceanography in the Heart of the Equ	R	5,000
		Collaborative Research: GEOTRACES Peru-Tahiti Nitrogen Isotope Measurements	R	73,648
Gangopadhyay,Avijit	HORIZON MARINE, INC	Operational Modeling for the Trinidad North Brazil Current Ring and Shelf Flows	R	50,000

Goodman,Louis	OFFICE OF NAVAL RESEARCH	On the Difference Between Wake Induced and Naturally Occurring Turbulence	R	75,000
		Use of an AUV to Quantify Submesoscale Mixing Processes	R	103,557
	WOODS HOLE OCEANOGRAPHIC INSTITUTION	Engineering Support for T-Glider on-Board Processing	R	48,122
Howes,Brian L.	AIR FORCE CTR FOR ENVIRONMNTL EXCELLENCE	Ashumet Pond Freshwater Mussel Monitoring Associated with Phosphorus Remediation	R	7,636
		Ashumet Pond Monitoring Related to Phosphorus Remediation	R	81,227
	CAPE COD COMMISSION	Town of Barnstable WWTF Assays Technical Assistance	R	6,525
	CAPE COD CRANBERRY GROWERS' ASSOC	WQM of Freshponds Associated with Cranberry Agriculture	R	21,500
	GHD, INC.	MEP Scenarios for Falmouth Estuaries	R	9,250
	MA DEPT OF ENVIRONMENTAL PROTECTION	MEP 2010-2013	R	114,159
	MASHPEE WAMPANOAG TRIBE	Popponesset & Waquoit Bays Water Quality Monitoring Program: Baseline WQM	R	16,800
		Town of Oak Bluffs Upper Lagoon Pond: MEP N Attenuation Analysis	R	38,300
	TOWN OF CHATHAM	Chatham WQM Technical Assistance 2012-2014	R	23,100
		Pleasant Bay Alliance WQM Technical Assistance 2012-2014	R	33,930
	TOWN OF DENNIS	Dennis WQ Monitoring FY 13	R	18,000
		Dennis WQM FY 14	R	18,000
	TOWN OF FALMOUTH	7 Estuaries Analysis - Falmouth	R	61,500
		Water Quality Monitoring of Falmouth Estuaries FY14	R	48,327
	TOWN OF MASHPEE	Mashpee Popponesset & Waquoit Bays Collaborative Water Quality Monitoring Techni	R	8,400
		Watershed Management of Mashpee's Embayments and Evaluation of Wastewater Effluen	R	5,615
	TOWN OF NANTUCKET	MEP Assessment and Modeling of Hummock Pond Estuary	R	98,000
		Nantucket Island-wide Estuarine Water Quality Monitoring Technical Support	R	34,000
		Sesechacha Pond: TMDL Compliance Analysis	R	11,000
	TOWN OF ORLEANS	Cedar Pond Water Quality Assessment and Management	R	38,401
	TOWN OF PLYMOUTH	Orleans Water Quality Monitoring FY 14	R	6,000
		Plymouth Harbor Embayment	R	20,000
	TOWN OF WESTPORT	MEP Analysis of Bread & cheese Brook Basin	R	30,000
	TOWN OF YARMOUTH	Water Quality Monitoring of Lewis Bay, Parkers River and Bass River	R	8,400

Howes,Brian L.	UNIVERSITY OF MASSACHUSETTS - AMHERST	Evaluation of Phosphorus Filters for Managing Phosphorus Loss from Cranberry Agri	R	84,806
	UNIVERSITY OF NEW HAMPSHIRE	Nutrient Analyses for Plymouth State	R	1,000
	WESTPORT WATERSHED ALLIANCE	Forge Pond, Adamsville Pond, Cockeast Pond Water Quality Monitoring	R	3,100
	NATIONAL AERO AND SPACE ADMINISTRATION	Development of Observational Tools and Coupled Models of Land-Ocean-Atmosphere	R	404,026
Lohrenz,Steven E	UNIVERSITY OF SOUTHERN MISSISSIPPI	Assessing Impacts of Climate & Land Use Change on Terrestrial-Ocean Fluxes of Car	R	175,238
	WOODS HOLE OCEANOGRAPHIC INSTITUTION	Research and Education in Quantitative Fisheries and Ecosystem Science	R	359,998
MacDonald,Daniel G	NATIONAL SCIENCE FOUNDATION	Collaborative Research: Sediment Transportation and Storage in Tidal Floodplain	R	20,271
Sundermeyer,Miles A	OFFICE OF NAVAL RESEARCH	LIDAR and Numerical Modeling Studies of Small-Scale lateral disp.in the Ocean	R	100,000
Estuarine and Ocean Sciences Total				2,261,836
Fisheries Oceanography				
Cadrin,Steven X.	FISHERIES SPECIALISTS	2012 Fishery Independent Scup Survey of Hard Bottom Areas in Southern New England	R	15,000
		Industry Based Survey on Black Sea Bass Utilizing Ventless Traps	R	15,000
	MA DIVISION OF MARINE FISHERIES	Fisheries Technician:Fisheries Dependent Data and Cod Tagging Data Collection	R	94,201
		Monitoring Spawning Behavior and Movement of Atlantic Cod at an Inshore Spawning	R	47,342
		SMASST Graduate Education Program	R	100,000
	NATIONAL OCEANIC AND ATMOSPHERIC ADMIN	2013 Monkfish RSA-Archival Tagging and Age Validation in the Gulf of Maine	R	182,021
		Scallop Fishery Bycatch Avoidance System	R	147,096
Chen,Changsheng	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	Development of an Inundation Forcast System for Massachusetts Coastal Waters	R	50,000
	NATIONAL SCIENCE FOUNDATION	Collaborative Research: Continued Development and Application of AO-FVCOM to Imp	R	357,698
	NE REG ASSOC OF COASTAL OCEAN OBSERV SYS	The Continued Development of the Northeastern Regional Coastal Ocean Observing Sy	R	90,000
	THIRD SECTOR NEW ENGLAND, INC	FVCOM 2012	R	75,000
	WOODS HOLE OCEANOGRAPHIC INSTITUTION	Technical Support and Improvement of FVCOM for NOAA Modeling Activities	R	50,000
He,Pingguo	AIS, INC.	Test the Effect of Experimental Gillnets on Exclusion of Sea Turtles & Retention	R	16,800

He,Pingguo	COMMERCIAL FISHERIES RESEARCH FOUNDATION	Testing of a Modified Groundgear to Reduce the Catch of SNE Winter Flounder	R	90,804
	MA DIVISION OF MARINE FISHERIES	A Network to Redevelop a Sustainable Redfish Trawl Fishery in the Gulf of Maine	R	40,939
		CEMFIN: Conservation Engineering Marine Fisheries Initiative	R	55,109
	NATIONAL OCEANIC AND ATMOSPHERIC ADMIN	Testing of a Modified Groundgear to Reduce Yellowtail Flounder and Juvenile Cod	R	184,674
Rothschild,Brian J	MA DIVISION OF MARINE FISHERIES	Groundfish and Scallop Research	R	200,000
Stokesbury,Kevin D.E	COONAMESSETT FARM FOUNDATION, INC.	Habitat Characterization and Sea Scallop Resource Enhancement Study in a Proposed	R	101,549
		Seasonal Bycatch Survey of the Georges Bank Scallop Fishery	R	107,367
	MA DIVISION OF MARINE FISHERIES	River Herring Bycatch Avoidance in Small Mesh Fisheries - RI	R	2,350
	NATIONAL OCEANIC AND ATMOSPHERIC ADMIN	Combined High-Resolution Video Survey and Biological Sampling in the NLSA	R	157,163
		High Resolution Video Survey of the Sea Scallop Resource in Mid-Atlantic Closed	R	216,712
		Persistent Scallop Aggregations Survey and Their Influence on Scallop Recruitment	R	248,461
Turner,Jefferson T	MA DIVISION OF MARINE FISHERIES	DMF Environmental Review Worker	R	20,000
		Environmental Review Program FY 14/15	R	40,000
Fisheries Oceanography Total				2,705,286
School for Marine Science and Technology Total				4,967,122

School of Education, Public Policy, and Civic Engagement				
Center for Civic Engagement				
Roy,Matthew H.	MA SERVICE ALLIANCE	SouthCoast Serves Celebrates National Volunteer Week	PS	4,500
	MASSACHUSETTS CAMPUS COMPACT	Campus Election Engagement Project	PS	500
Center for Civic Engagement Total				5,000
Center for University, School & Community Partnerships				
O'Connor,Karen A.	CITY OF SPRINGFIELD	Project SUCCESS FY14 Springfield	I	140,500
	EDITH GLICK SHOOLMAN CHILDREN'S FDN	Literacy Connections: Instructional Tools & Techniques Promoting 'Personal Best'	PS	128,401
	MA DEPT OF ELEMENTARY & SECONDARY ED	Project SUCCESS: FY 13/14	PS	97,523
	MULTIPLE SPONSORS	Project SUCCESS FY 14 (Districts)	I	11,100
		Project SUCCESS: Mentoring in Action (Districts FY13)	PS	418,180
	NATIONAL WRITING PROJECT	Buzzards Bay Writing Project	PS	40,000
Center for University, School & Community Partnerships Total				835,704
Science, Technology, Engineering & Math				
Campbell,David Tod	NATIONAL SCIENCE FOUNDATION	Collaborative Research: Cyber-enabled Learning: Digital Natives in Integrated Sci	R	986,633
Orrill,Chandra H	NATIONAL SCIENCE FOUNDATION	CAREER: Coherence as a Basis for Understanding Teachers' Mathematical Knowledge	R	119,786
Science, Technology, Engineering & Math Total				1,106,419
Teaching & Learning				
Kruger,Cynthia G	GREATER NB WORKFORCE INVESTMENT AREA	UMD Camp/ Project Success	PS	31,000
		UMD Camp/Project Success FY '14	PS	33,000
Macrine,Sheila M	AL-NOOR INSTITUTE FOR THE BLIND	An evaluation study: The Utilization of a U.S. Assessment, the Oregon Project, on	R	157,781
Teaching & Learning Total				221,781
School of Education, Public Policy, and Civic Engagement Total				2,168,904
Grand Total				15,738,962

University of Massachusetts Dartmouth
FY 2013 Research and Other Sponsored Awards
By Principal Investigator/Project Director
Includes New Awards, Continuations and Supplements

Principal Investigator/Project Director	Source			Total Amount
Row Labels	I	PS	R	Grand Total
Altabet,Mark A.			78,648.00	78,648.00
Bergandy,Jan W			3,600.00	3,600.00
Bromage,Erin S.			238,374.00	238,374.00
Brown,David A.			122,034.00	122,034.00
Buck,John R.			278,537.00	278,537.00
Cadrin,Steven X.			600,660.00	600,660.00
Cai,Shuowei			77,045.44	77,045.44
Calvert,Paul D.			1,802,710.00	1,802,710.00
Campbell,David Todd			986,633.00	986,633.00
Chen,Changsheng			622,698.00	622,698.00
Chen,Yanlai			161,113.00	161,113.00
Cory,Lester W		7,000.00		7,000.00
deSa,Maria Gloria			11,850.00	11,850.00
Gangopadhyay,Avijit			50,000.00	50,000.00
Gendron,Paul John			75,000.00	75,000.00
Goodman,Louis			226,679.00	226,679.00
Gottlieb,Sigal			263,788.00	263,788.00
Griffin,Michael P	1,059.86			1,059.86
Guo,Maolin			715,565.00	715,565.00
Hagopian,Kristin A		359,215.15		359,215.15
He,Pingguo			388,325.91	388,325.91
Howes,Brian L.			846,976.00	846,976.00
Jochim,Lisa A.		750,794.50		750,794.50
Kasilingam,Dayalan P.			60,820.00	60,820.00
Khanna,Gaurav			77,570.00	77,570.00
Kim,Yong K.			70,532.97	70,532.97
Koot,Gerard M	171,011.00			171,011.00
Koumas,Sokratis		390,995.00		390,995.00
Kruger,Cynthia G		64,000.26		64,000.26
Li,Yifei			105,000.00	105,000.00
Lohrenz,Steven E			939,262.00	939,262.00
MacDonald,Daniel G.			20,271.00	20,271.00
Macrine,Sheila M			157,781.00	157,781.00
Meressi,Tesfay	43,230.00		62,150.00	105,380.00
Mogawer,Walaa S			474,936.68	474,936.68
Mora,Jose Domingo			7,500.00	7,500.00
Neto,Catherine A.			20,564.00	20,564.00
O'Connor,Karen A.	151,600.00	684,104.00		835,704.00

Principal Investigator/Project Director	Source			Total Amount
Oliveira,Kenneth			33,000.00	33,000.00
Orrill,Chandra H			119,786.00	119,786.00
Pacheco,Melissa M		28,000.00		28,000.00
Pennell,Kelly			87,648.00	87,648.00
Pour A Tootkaboni,Mazdak			215,255.00	215,255.00
Raessi,Mehdi			368,221.00	368,221.00
Rajaniemi,Tara K.			124,999.00	124,999.00
Robinson,Robin A.			5,025.00	5,025.00
Rothschild,Brian J			200,000.00	200,000.00
Roy,Matthew H.		5,000.00		5,000.00
Sengupta,Sukalyan	41,745.00			41,745.00
Silby,Mark Winston			48,837.00	48,837.00
Singh,Bal R			106,390.00	106,390.00
Smith,Elvira		314,099.00		314,099.00
Stokesbury,Kevin D.E.			833,602.00	833,602.00
Sundermeyer,Miles A			100,000.00	100,000.00
Tandon,Amit			215,845.00	215,845.00
Turner,Jefferson T			106,740.00	106,740.00
Vigeant,Paul L		92,896.00		92,896.00
Vokkarane,Vinod M.			305,169.00	305,169.00
Walker,Timothy D.	179,986.00			179,986.00
Zarrillo,Marguerite L.			37,085.00	37,085.00
Grand Total	588,631.86	2,696,103.91	12,454,226.00	15,738,961.77

**University of Massachusetts Dartmouth
Research and Other Sponsored Awards
Comparison Report of Expenditures by College
FY 2013 through FY 2011**

Unit	2013	2012	2011
Academic Affairs	710,758	644,180	841,665
Administrative Services	-	-	1,000
Chancellor's Office	361,258	849,294	1,229,395
Charlton College of Business	14,738	-	-
College of Arts & Sciences	2,534,625	2,529,764	3,309,368
College of Engineering	3,000,015	3,700,238	3,040,696
College of Nursing	183,513	572,112	683,072
College of Visual and Performing Arts	-	-	1,998
Professional & Continuing Education	44,489	52,612	28,797
School for Marine Science & Technology	5,733,338	5,499,898	7,899,909
School of Education, Public Policy and Civic Engagement	2,330,566	1,890,185	3,020,739
Student Affairs	2,550	350	6,272
Grand Total	14,915,850	15,738,633	20,062,911