

**Worcester Polytechnic Institute  
Proposals Submitted by Department (FY 2009)**

Date: **August 2008**

Fiscal Year: **2008-2009**

	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Cumulative
<b>Biology and Biotechnology</b>	4	4											8
	3,962,154	1,472,774											5,434,928
<b>Biomedical Engineering</b>	2												2
	579,137												579,137
<b>Bioengineering Institute</b>		1											1
		150,000											150,000
<b>Civil and Envir Engr</b>	1												1
	139,951												139,951
<b>Chemistry and Biochemistry</b>	1												1
	786,119												786,119
<b>Chemical Engineering</b>													0
													0
<b>Computer Science</b>	2	2											4
	637,144	659,904											1,297,048
<b>Electrical and Computer Engr</b>	5	3											8
	1,773,802	415,718											2,189,520
<b>Fire Protection Engineering</b>	2	1											3
	515,135	313,261											828,396
<b>Humanities and Arts</b>	1	1											2
	417,540	221,355											638,895
<b>Interdisciplinary and Global</b>	1	3											4
	6,500	376,678											383,178
<b>Mathematical Science</b>													0
													0
<b>Mechanical Engineering</b>		6											6
		3,087,303											3,087,303
<b>Management</b>													0
													0
<b>Social Science &amp; Policy Studies</b>		2											2
		252,848											252,848
<b>Physics</b>	1	1											2
	275,628	285,366											560,994
<b>Other</b>	1												1
	9,109												9,109
<b>SUBTOTALS</b>	<b>21</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>45</b>
	<b>\$9,102,219</b>	<b>\$7,235,207</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$16,337,426</b>
<b>Add: Earmarks</b>													0
													0
<b>TOTALS</b>	<b>21</b>	<b>24</b>	<b>0</b>	<b>26</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>45</b>
	<b>\$9,102,219</b>	<b>\$7,235,207</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$16,337,426</b>

09/10/08 kr

9/16/2008

**Worcester Polytechnic Institute  
Proposals Submitted by Department (FY 2008)**

Date: **August 2008**

Fiscal Year: **2007-2008**

	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Cumulative
<b>Biology and Biotechnology</b>	1												1
	33,272												33,272
<b>Biomedical Engineering</b>	2	1											3
	885,949	16,518											902,467
<b>Bioengineering Institute</b>		1											1
		81,944											81,944
<b>Civil and Envir Engr</b>													0
													0
<b>Chemistry and Biochemistry</b>	1	1											2
	1,156,495	60,005											1,216,500
<b>Chemical Engineering</b>	4												4
	1,369,614												1,369,614
<b>Computer Science</b>	4	1											5
	2,921,249	98,247											3,019,496
<b>Electrical and Computer Engr</b>	2	1											3
	854,359	44,912											899,271
<b>Fire Protection Engineering</b>	1	1											2
	479,095	599,640											1,078,735
<b>Humanities and Arts</b>													0
													0
<b>Interdisciplinary and Global</b>		2											2
		166,573											166,573
<b>Mathematical Science</b>	2												2
	1,476,903												1,476,903
<b>Mechanical Engineering</b>	7	1											8
	2,489,649	73,643											2,563,292
<b>Management</b>													0
													0
<b>Social Science &amp; Policy Studies</b>													0
													0
<b>Physics</b>		1											1
		89,998											89,998
<b>Other</b>													0
													0
<b>SUBTOTALS</b>	<b>24</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>34</b>
	<b>\$11,666,585</b>	<b>\$1,231,480</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,898,065</b>
<b>Add: Earmarks</b>													0
													0
<b>TOTALS</b>	<b>24</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>34</b>
	<b>\$11,666,585</b>	<b>\$1,231,480</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,898,065</b>

09/10/08 kr

9/16/2008

**Worcester Polytechnic Institute**  
**Proposals Submitted by Department (12 Month Report Through August 2008)**

Date: **August 2008**

Fiscal Year: **2008-2009**

09/10/08 kr

	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Cumulative
<b>Biology and Biotechnology</b>	3	2	2		5	2	3	1	1	4	4	4	31
	446,967	889,027	66,907		1,154,895	302,520	267,789	30,029	640,952	944,176	3,962,154	1,472,774	10,178,190
<b>Biomedical Engineering</b>	1	2	2		3	1	1	3		6	2		21
	296,274	411,660	583,409		530,527	2,000	235,800	241,399		864,223	579,137		3,744,429
<b>Bioengineering Institute</b>	1	1	1				1					1	5
	149,971	711,868	800,350				25,000					150,000	1,837,189
<b>Civil and Envir Engr</b>	3	2	2	1		5	1	2	3	1	1		21
	443,391	236,275	348,125	74,916		943,450	243,132	365,809	216,337	26,953	139,951		3,038,339
<b>Chemistry and Biochemistry</b>					1				2	3	1		7
					90,000				846,754	2,206,455	786,119		3,929,328
<b>Chemical Engineering</b>		2	3			6	1		3	2			17
		1,507,787	315,890			1,503,718	33,514		453,359	479,532			4,293,800
<b>Computer Science</b>	2	1	4	8	6		5	1	4	3	2	2	38
	491,945	5,708	1,943,701	3,551,023	5,648,628		12,761,540	1,499,850	1,060,535	1,419,176	637,144	659,904	29,679,154
<b>Electrical and Computer Engr</b>	2	1		1	1	1	9		2		5	3	25
	109,127	414,697		328,714	42,936	375,805	2,259,278		115,229		1,773,802	415,718	5,835,306
<b>Fire Protection Engineering</b>	1	1				2	1		1		2	1	9
	19,867	179,467				146,386	47,822		1,533,121		515,135	313,261	2,755,059
<b>Humanities and Arts</b>											1	1	2
											417,540	221,355	638,895
<b>Interdisciplinary and Global</b>									1		1	3	5
									149,830		6,500	376,678	533,008
<b>Mathematical Science</b>	1	2	2	1	4	2		1	1	3			17
	62,712	957,434	676,245	296,715	975,421	1,076,325		599,399	759,434	156,116			5,559,801
<b>Mechanical Engineering</b>	6	7	1	1	5	4	7	3	6	8		6	54
	1,032,447	2,660,889	13,050	334,152	1,089,511	1,062,162	772,407	2,531,471	1,594,635	1,347,305		3,087,303	15,525,332
<b>Management</b>	1	2			1	1			1	1			7
	69,983	444,991			497,035	749,985			50,000	40,502			1,852,496
<b>Social Science &amp; Policy Studies</b>	1											2	3
	50,912											252,848	303,760
<b>Physics</b>		2	3	1	1	4	1	1		2	1	1	17
		560,764	689,084	512,179	233,194	646,050	31,168	11,250		119,870	275,628	285,366	3,364,553
<b>Other</b>		1					1	1			1		4
		14,000					30,000	10,000			9,109		63,109
<b>SUBTOTALS</b>	<b>22</b>	<b>26</b>	<b>20</b>	<b>13</b>	<b>27</b>	<b>28</b>	<b>31</b>	<b>13</b>	<b>25</b>	<b>33</b>	<b>21</b>	<b>24</b>	<b>283</b>
	<b>\$3,173,596</b>	<b>\$8,994,567</b>	<b>\$5,436,761</b>	<b>\$5,097,699</b>	<b>\$10,262,147</b>	<b>\$6,808,401</b>	<b>\$16,707,450</b>	<b>\$5,289,207</b>	<b>\$7,420,186</b>	<b>\$7,604,308</b>	<b>\$9,102,219</b>	<b>\$7,235,207</b>	<b>\$93,131,748</b>
<b>Add: Earmarks</b>						2							2
						1,708,000							1,708,000
<b>TOTALS</b>	<b>22</b>	<b>26</b>	<b>20</b>	<b>13</b>	<b>27</b>	<b>30</b>	<b>31</b>	<b>13</b>	<b>25</b>	<b>33</b>	<b>21</b>	<b>24</b>	<b>285</b>
	<b>\$3,173,596</b>	<b>\$8,994,567</b>	<b>\$5,436,761</b>	<b>\$5,097,699</b>	<b>\$10,262,147</b>	<b>\$8,516,401</b>	<b>\$16,707,450</b>	<b>\$5,289,207</b>	<b>\$7,420,186</b>	<b>\$7,604,308</b>	<b>\$9,102,219</b>	<b>\$7,235,207</b>	<b>\$94,839,748</b>


**Worcester Polytechnic Institute**  
**Report of Proposals Submitted**  
**August 2008**

Department	Principal Investigator	Co-PI	Project Title	Sponsor	Prime Sponsor (if Sub)	Program Type	Amount Requested	Cost Sharing	Voluntary Uncommitted CS	Proposal #
Bioengineering Institute	McGimpsey, G.		The WPI Bioengineering Institute as a Healthcare Technologies Research & Commercialization Center: Establishing a National Center for Neuroprosthetics	Massachusetts Technology Collaborative	The Commonwealth of Massachusetts	Other	150,000	150,000		<a href="#">9030</a>
Subtotal: 1							150,000	150,000	0	
Biology and Biotechnology	Dilorio, A.		Fermentation and Purification of Kunitz Domain Proteins	Dyax Corporation		Other	12,289	0		<a href="#">9036</a>
	Dominko, T.	Duffy, J., Page, R., Rolle, M., Gaudette, G., Lambert, C., McGimpsey, G., Pins, G., Billiar, K.	Derivation of Progenitor Cells and Their Use for Cardiovascular Applications	NIH		Research	38,050	0		<a href="#">9043</a>
	Mathews, L.		CAREER: An Investigation of Ecological Genetics in a Fragmented Landscape with a Combined Temporal and Micro-Spatial Approach	NSF		Research	686,918	0		<a href="#">9028</a>
	Overstrom, E.		Faculty Start-Up Grant: Regenerative Bioscience and Engineering	Massachusetts Life Sciences Center	The Commonwealth of Massachusetts	Education /Training	735,517	742,517		<a href="#">9029</a>
Subtotal: 4						1,472,774	742,517	0		
Computer Science	Mani, M.		CAREER: Enabling Data Integration Using XML Views	NSF		Research	486,415	0	67,852	<a href="#">9031</a>
	Rundensteiner, E.		Meta-Information Enhanced Multidimensional Meteorological Online Repository for the Net-centric Enterprise (MEMMOR-E II)	Charles River Analytics	Air Force	Other	173,489	0	17,749	<a href="#">9042</a>
Subtotal: 2						659,904	0	85,601		
Electrical and Computer Eng'g.	Pahlavan, K.		Performance Evaluation of Cellular Localization Techniques	Skyhook Wireless, Inc.		Research	6,701	0		<a href="#">08132s1</a>
	Wygliniski, A.		Software-Defined Radio Interface Employing S-Functions	The Mathworks, Inc.		Research	47,149			<a href="#">9044</a>
	Wygliniski, A.	Huang, X.	Collaborative Activities between The MathWorks and WPI Electrical and Computer Engineering	The Mathworks, Inc.		Research	409,017	0	7,794	<a href="#">9021</a>
Subtotal: 3						415,718	0	0		

**Worcester Polytechnic Institute  
Report of Proposals Submitted  
August 2008**

Fire Protection Eng'g.	Meacham, B.		Quantification of Fire Risk, Performance Levels, Design Fires and Acceptance Criteria for Use in Performance-Based Codes and Fire Safety Design	NIST		Research	313,261	0	44,246	<a href="#">9035</a>
Subtotal: 1							313,261	0	44,246	
Humanities and Arts	Robertson, T.		Developing International Development: American Rural Development Programs in Nepal 1952 - 1980	NSF		Research	221,355	0		<a href="#">9034</a>
Subtotal: 1							221,355	0	0	
Interdisciplinary & Global Studies	Carrera, F.		Digital Earth Watch: A Program to Promote Environmental Monitoring by Students and Citizens through Remote Sensing and Digital Photography	University of New Hampshire	NASA	Research	228,775	0		<a href="#">9033</a>
	Krueger, R.		Geographies of Socio-Economic Change: Land Use Policy Reform and Institutional Dynamics in the US and England	NSF		Research	111,928	0		<a href="#">9023</a>
	Vaz, R.		WPI Project Center at MIT Lincoln Laboratory	MIT	Air Force	Research	35,975	0		<a href="#">07031cr2</a>
Subtotal: 3						376,678	0	0		
Mechanical Engineering	Lados, D.		Materials Design and Inspection Techniques for Structural Components in Fatigue-Critical High-Intensity Defense Applications	ONR		Equipment	249,000	0		<a href="#">9040</a>
	Lados, D.		Advanced Materials Research for U.S. Army Applications	ARO		Research	2,387,880	0		<a href="#">9024</a>
	Lados, D.		Materials Design and Inspection Techniques for Structural Components in Fatigue-Critical High-Integrity Defense Applications	Army		Equipment	24,900	0		<a href="#">9041</a>
	Lados, D.		Materials Design and Inspection Techniques for Structural Components in Fatigue-Critical High-Integrity Defense Applications	Air Force Office of Scientific Research		Equipment	249,000	0		<a href="#">9039</a>
	Sisson, R.		Thermal Process Simulation Project	Sikorsky Aircraft		Research	89,496	0		<a href="#">9032</a>
	Van De Ven, J.		Flywheel Hybrid with Switch-Mode Continuously Variable Transmission Concept Validation	California Energy Commission		Research	87,027	3,819	7,794	<a href="#">9022</a>
Subtotal: 6						3,087,303	3,819	7,794		

**Worcester Polytechnic Institute  
Report of Proposals Submitted  
August 2008**

Physics	Garcia, R.		CAREER: Experiments for Better Understanding the Wetting of Liquids and Other Complex Materials on Solid Surfaces	NSF		Research	285,366	0	43,067	<a href="#">9025</a>
Subtotal: 1							285,366	0	43,067	
Social Sciences & Policy Studies	Skorinko, J.		The Effect of Extralegal Variables on Juror Decision-making	NSF		Research	53,247	0		<a href="#">9027</a>
	Skorinko, J.		The Effect of Perspective-taking on Jurors' Cognitions, Perceptions, and Decisions	NSF		Research	199,601	0		<a href="#">9026</a>
Subtotal: 2							252,848	0	0	
 Total: 24							<b>7,235,207</b>	<b>896,336</b>	<b>180,708</b>	

**Worcester Polytechnic Institute  
Awards Received by Department (FY 2009)**

Date: **August 2008**

Fiscal Year: **2008-2009**

	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Cumulative
<b>Biology and Biotechnology</b>	1 293,745	2 21,269											3 315,014
<b>Biomedical Engineering</b>	2 164,980	1 2,000											3 166,980
<b>Bioengineering Institute</b>		1 150,000											1 150,000
<b>Civil and Envir Engr</b>													0 0
<b>Chemistry and Biochemistry</b>	1 169,933												1 169,933
<b>Chemical Engineering</b>	2 278,341												2 278,341
<b>Computer Science</b>	3 777,475	4 514,681											7 1,292,156
<b>Electrical and Computer Engr</b>		3 343,814											3 343,814
<b>Fire Protection Engineering</b>	3 247,099												3 247,099
<b>Humanities and Arts</b>													0 0
<b>Interdisciplinary and Global</b>		2 42,475											2 42,475
<b>Mathematical Science</b>		2 361,037											2 361,037
<b>Mechanical Engineering</b>	3 132,367												3 132,367
<b>Management</b>		1 7,000											1 7,000
<b>Social Science &amp; Policy Studies</b>													0 0
<b>Physics</b>		1 233,194											1 233,194
<b>Other</b>													0 0
<b>SUBTOTALS</b>	15 \$2,063,940	17 \$1,675,470	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	32 \$3,739,410
<b>Add: Earmarks</b>													0 \$0
<b>TOTALS</b>	15 \$2,063,940	17 \$1,675,470	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	32 \$3,739,410

**Worcester Polytechnic Institute  
Awards Received by Department (FY 2008)**

Date: **August 2008**

Fiscal Year: **2007-2008**

	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Cumulative
<i>Biology and Biotechnology</i>													0
													0
<i>Biomedical Engineering</i>		2											2
		223,880											223,880
<i>Bioengineering Institute</i>													0
													0
<i>Civil and Envir Engr</i>		1											1
		61,960											61,960
<i>Chemistry and Biochemistry</i>		1											1
		60,005											60,005
<i>Chemical Engineering</i>	2	1											3
	284,900	380,048											664,948
<i>Computer Science</i>	2	1											3
	572,896	13,500											586,396
<i>Electrical and Computer Engr</i>	2	3											5
	220,926	1,275,169											1,496,095
<i>Fire Protection Engineering</i>													0
													0
<i>Humanities and Arts</i>													0
													0
<i>Interdisciplinary and Global</i>	1	1											2
	60,733	6,000											66,733
<i>Mathematical Science</i>		2											2
		155,204											155,204
<i>Mechanical Engineering</i>	3	1											4
	183,071	60,000											243,071
<i>Management</i>													0
													0
<i>Social Science &amp; Policy Studies</i>		1											1
		675,888											675,888
<i>Physics</i>		2											2
		210,000											210,000
<i>Other</i>	1												1
	66,212												66,212
<b>SUBTOTALS</b>	<b>11</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27</b>
	<b>\$1,388,738</b>	<b>\$3,121,654</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,510,392</b>
<b>Add: Earmarks</b>													0
													\$0
<b>TOTALS</b>	<b>11</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27</b>
	<b>\$1,388,738</b>	<b>\$3,121,654</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,510,392</b>

**Worcester Polytechnic Institute**  
**Awards Received by Department (12 Month Report Through August 2008)**

Date: **August 2008**

Fiscal Year: **2008-2009**

	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Cumulative
<b>Biology and Biotechnology</b>					1	1	1	2	1	1	1	2	10
					212,112	74,237	295,385	60,000	122,231	6,125	293,745	21,269	1,085,104
<b>Biomedical Engineering</b>				1	1	1				2	2	1	8
				59,299	2,191	24,527				130,000	164,980	2,000	382,997
<b>Bioengineering Institute</b>												1	1
												150,000	150,000
<b>Civil and Envir Engr</b>	1							1	1				3
	10,125							88,372	150,000				248,497
<b>Chemistry and Biochemistry</b>						1		1			1		3
						55,646		180,000			169,933		405,579
<b>Chemical Engineering</b>				1	3	1	1		2	1	2		11
				10,000	256,615	49,936	5,000		475,001	33,514	278,341		1,108,407
<b>Computer Science</b>	1	2	1		1	1	2	1	1	3	3	4	20
	19,500	176,863	95,492		15,000	25,000	413,731	58,635	122,785	380,437	777,475	514,681	2,599,599
<b>Electrical and Computer Engr</b>	1	2			3	1		1	2	3		3	16
	79,127	51,000			223,889	42,936		11,980	112,000	346,479		343,814	1,211,225
<b>Fire Protection Engineering</b>		1				1	1		1		3		7
		282,517				19,867	14,000		7,515		247,099		570,998
<b>Humanities and Arts</b>													0
													0
<b>Interdisciplinary and Global</b>												2	2
												42,475	42,475
<b>Mathematical Science</b>		1				1	2	1				2	7
		37,321				30,109	450,528	62,712				361,037	941,707
<b>Mechanical Engineering</b>	4	1	1	4	3	1	1		2	3	3		23
	298,900	107,000	15,000	169,482	173,051	34,000	70,000		10,000	108,844	132,367		1,118,644
<b>Management</b>										1		1	2
										87,000		7,000	94,000
<b>Social Science &amp; Policy Studies</b>													0
													0
<b>Physics</b>			1		1	1	1		1	2		1	8
			30,001		29,665	59,997	31,168		7,615	35,625		233,194	427,265
<b>Other</b>	4	1						1		1			7
	842,525	14,000						1,000		69,993			927,518
<b>SUBTOTALS</b>	<b>11</b>	<b>8</b>	<b>3</b>	<b>6</b>	<b>13</b>	<b>10</b>	<b>9</b>	<b>8</b>	<b>11</b>	<b>17</b>	<b>15</b>	<b>17</b>	<b>128</b>
	<b>\$1,250,177</b>	<b>\$668,701</b>	<b>\$140,493</b>	<b>\$238,781</b>	<b>\$912,523</b>	<b>\$416,255</b>	<b>\$1,279,812</b>	<b>\$462,699</b>	<b>\$1,007,147</b>	<b>\$1,198,017</b>	<b>\$2,063,940</b>	<b>\$1,675,470</b>	<b>\$11,314,015</b>
<b>Add: Earmarks</b>	<b>1</b>							<b>1</b>		<b>1</b>			<b>3</b>
	<b>\$839,000</b>							<b>\$848,000</b>		<b>\$860,000</b>			<b>\$2,547,000</b>
<b>TOTALS</b>	<b>12</b>	<b>8</b>	<b>3</b>	<b>6</b>	<b>13</b>	<b>10</b>	<b>9</b>	<b>9</b>	<b>11</b>	<b>18</b>	<b>15</b>	<b>17</b>	<b>131</b>
	<b>\$2,089,177</b>	<b>\$668,701</b>	<b>\$140,493</b>	<b>\$238,781</b>	<b>\$912,523</b>	<b>\$416,255</b>	<b>\$1,279,812</b>	<b>\$1,310,699</b>	<b>\$1,007,147</b>	<b>\$2,058,017</b>	<b>\$2,063,940</b>	<b>\$1,675,470</b>	<b>\$13,861,015</b>

**Worcester Polytechnic Institute**  
**Report of Awards Received**  
**August 2008**

Department	Principal Investigator	Co-PI	Project Title	Sponsor	Prime Sponsor (if Sub)	Award Action	Amount Awarded	Cost Sharing	Voluntary Uncommitted CS	Program Type	Proposal #
Bioengineering Institute	McGimpsey, G.		The WPI Bioengineering Institute as a Healthcare Technologies Research & Commercialization Center: Establishing a National Center for Neuroprosthetics	Massachusetts Technology Collaborative	The Commonwealth of Massachusetts	New	150,000	150,000		Other	<a href="#">9030</a>
Subtotal: 1							150,000	150,000	0		
Biology and Biotechnology	DiIorio, A.		DINDDR Fermentation	Dyax Corporation		New	12,289	0		Research	<a href="#">8188</a>
	Weathers, P.		Saffron (Crocus sativus): Production of Secondary Metabolites in Cultured Roots	Dept. of Agriculture		New	8,980	0		Research	<a href="#">8056</a>
Subtotal: 2							21,269	0	0		
Biomedical Engineering	Gaudette, G.	Rolle, M., Pins, G.	Fibrin Microthreads for Localized Stem Cell Delivery for Regenerative Therapy	American Heart Association		New	2,000	0		Education /Training	<a href="#">8149</a>
Subtotal: 1							2,000	0	0		
Computer Science	Agu, E.	Olinger, D.	Airdrop Research Projects	Army		New	15,000	0		Education /Training	<a href="#">8170</a>
	Fisler, K.	Dougherty, D.	CT-ISG: Power to the People: Empowering Users to Understand Access-Control Consequences	NSF		New	200,000	0	24,854	Research	<a href="#">8178</a>
	Ward, M.	Rundensteiner, E.	CPA-G&V: Interactive Stream Views: Visual Analysis of Streaming	NSF		Con't.	151,911	0	47,125	Research	<a href="#">8099</a>
	Ward, M.	Rundensteiner, E.	III-COR-Small: Managing Discoveries in Visual Analytics	NSF		New	147,770	28,444		Research	<a href="#">8101</a>
Subtotal: 4						514,681	28,444	71,979			
Electrical and Computer Eng'g.	Lou, W.		NeTS-NECO: COLLABORATIVE RESEARCH: New Approaches for Secure and Dependable Distributed Data Storage and Access Control in Mission-critical Wireless Sensor Networks	NSF		New	171,762	0	25,507	Research	<a href="#">8186</a>
	Makarov, S.		Small Assay Design	Lawrence Livermore National Laboratory	DOE	New	22,255	11,617		Research	<a href="#">9013</a>
	Sunar, B.	Martin, W.	CT-ER: Exploring Physical Functions for Lightweight and Robust Cryptography	NSF		New	149,797	0	16,162	Research	<a href="#">8177</a>
Subtotal: 3						343,814	11,617	41,669			
Interdisciplinary & Global Studies	DiBiasio, D.		Cooperative Agreement with Consumer Product Safety Commission - IQP Project Center	Consumer Product Safety Commission		New	6,500	0		Education /Training	<a href="#">9016</a>
	Vaz, R.		WPI Project Center at MIT Lincoln Laboratory	MIT	Air Force	Competing Renewal	35,975	0		Research	<a href="#">07031cr2</a>
Subtotal: 2						42,475	0	0			

**Worcester Polytechnic Institute  
Report of Awards Received  
August 2008**

Management	Schaufeld, J.	Kasouf, C., Gennert, M.	A Proposal to Develop a Curriculum- Based Module Integrating Innovation and Commercialization Disciplines Into a New Robotics Technology Product Design Platform	National Collegiate Inventors and Innovators Alliance		New	7,000	0		Education /Training	<a href="#">8219</a>	
Subtotal: 1						Count: 1	7,000	0	0	Count: 1	Count: 1	
Mathematical Sciences	Larsen, C.		Damage and Fracture Evolution	NSF		New	162,228	0		Research	<a href="#">8086</a>	
	Mosco, U.	Vernescu, B.	Transmission Problems with Large Surfaces	NSF		New	198,809	0		Research	<a href="#">8079</a>	
Subtotal: 2							361,037	0	0			
Physics	Iannacchione, G.	Zhou, S., Garcia, R., Camesano, T., Arguello, J., Liang, J.	MRI: Acquisition of a Modulated Differential Scanning Calorimeter and Spectroscopic Ellipsometer for Characterizing Complex Fluids	NSF		New	233,194	69,947		Equipment	<a href="#">8129</a>	
Subtotal: 1							233,194	69,947	0	Count: 1	Count: 1	
 <b>Total: 17</b>							<b>1,675,470</b>	<b>260,008</b>	<b>113,648</b>			