

14. Geographic Distribution of Awards: Fiscal Year 2004

Geographic Distribution of Awards by State: Fiscal Year 2004

Dollars in Millions

Alabama	99,000,000
Arizona	38,730,225
Arkansas	1,020,037
California	285,897,601
Colorado	51,694,785
Connecticut	36,069,461
Delaware	1,921,414
District of Columbia	19,545,066
Florida	33,542,414
Georgia	47,837,815
Hawaii	2,610,461
Illinois	72,842,276
Indiana	22,121,375
Iowa	33,099,531
Kansas	3,049,838
Kentucky	18,917,737
Louisiana	14,873,642
Maine	10,879,061
Maryland	221,086,278
Massachusetts	280,781,017
Michigan	55,545,022
Minnesota	67,467,481
Mississippi	16,870,663
Missouri	63,060,985
Montana	1,408,736
Nebraska	15,918,230
Nevada	16,000,000
New Hampshire	7,349,404
New Jersey	38,309,394
New Mexico	7,843,374
New York	205,433,311
North Carolina	150,381,669
North Dakota	564,000
Ohio	119,085,471
Oklahoma	10,063,537
Oregon	35,281,360
Pennsylvania	176,418,521
Rhode Island	11,886,773
South Carolina	20,694,788
South Dakota	1,938,387
Tennessee	61,183,346
Texas	121,887,908
Utah	21,028,683
Vermont	15,688,164
Virginia	35,033,394
Washington	122,719,998
West Virginia	2,092,198
Wisconsin	62,793,734

Geographic Distribution of Awards by State or Country: Fiscal Year 2004

Institution	Totals		Grants		Research Training and Career Development		Contracts	
	No.	Dollar	No.	Dollar	No.	Dollar	No.	Dollar
Alabama								
Auburn University at Auburn	5	1,320,112	4	1,271,184	1	48,928	0	0
BioCryst, Ltd.	1	97,990	1	97,990	0	0	0	0
CFD Research Corporation	2	99,951	2	99,951	0	0	0	0
Cooper Green Hospital, Birmingham	1	578,079	1	578,079	0	0	0	0
Gem Pharmaceuticals, Inc.	1	195,590	1	195,590	0	0	0	0
University of Alabama at Birmingham	80	34,621,004	70	29,122,825	6	1,321,708	4	4,176,471
University of South Alabama	14	4,831,735	13	4,710,920	1	120,815	0	0
Total Alabama	104	41,744,461	92	36,076,539	8	1,491,451	4	4,176,471
Arizona								
Arete Associates	1	312,445	1	312,445	0	0	0	0
Arizona State University	5	1,220,493	5	1,220,493	0	0	0	0
Carl T. Hayden VA Medical Center	1	225,000	1	225,000	0	0	0	0
Intrinsic Bioprobes, Inc.	1	591,033	1	591,033	0	0	0	0
Mayo Clinic Scottsdale	3	1,047,000	3	1,047,000	0	0	0	0
St. Joseph's Hospital and Medical Center	1	312,035	1	312,035	0	0	0	0
University of Arizona	34	14,022,219	29	12,493,916	4	808,773	1	719,530
Total Arizona	46	17,730,225	41	16,201,922	4	808,773	1	719,530
Arkansas								
Arkansas Children's Hospital Research Institute	1	155,250	1	155,250	0	0	0	0
University of Arkansas for Medical Sciences, Little Rock	5	864,787	5	864,787	0	0	0	0
Total Arkansas	6	1,020,037	6	1,020,037	0	0	0	0
California								
Advanced Brian Monitoring, Inc.	2	571,719	2	571,719	0	0	0	0
Advanced Cardiovascular Systems, Inc.	1	307,600	1	307,600	0	0	0	0
Alexza Molecular Delivery Corporation	3	546,691	3	546,691	0	0	0	0
Applied Scientific Research	1	100,000	1	100,000	0	0	0	0
Applied Tissue and Materials, Inc.	1	191,313	1	191,313	0	0	0	0
Arginox Pharmaceuticals, Inc.	2	321,141	2	321,141	0	0	0	0
Avrion Molecular, Inc.	1	100,000	1	100,000	0	0	0	0
Biotime, Inc.	1	149,994	1	149,994	0	0	0	0
Blood Systems Research Institute	1	348,827	1	348,827	0	0	0	0
Burnham Institute	8	2,643,928	7	2,595,000	1	48,928	0	0
California Institute of Technology	2	1,123,754	2	1,123,754	0	0	0	0
California State Polytechnic University, Pomona	0	154,141	0	154,141	0	0	0	0
California State University, Long Beach	1	213,750	1	213,750	0	0	0	0
California State University, Northridge	0	117,048	0	117,048	0	0	0	0
Cedars-Sinai Medical Center	10	4,301,012	9	4,257,461	0	0	1	43,551
Cerus Corporation	2	474,303	2	474,303	0	0	0	0
Children's Hospital and Research Center at Oakland	14	9,065,670	12	8,832,320	2	233,350	0	0
Children's Hospital of Los Angeles	18	8,409,825	18	8,409,825	0	0	0	0
Children's Hospital of Orange County	1	26,983	0	0	1	26,983	0	0
Chimeric Technologies, Inc.	1	313,180	1	313,180	0	0	0	0
City of Hope/Beckman Research Institute	3	2,339,335	3	2,339,335	0	0	0	0

Institution	Totals		Grants		Research Training and Career Development		Contracts	
	No.	Dollar	No.	Dollar	No.	Dollar	No.	Dollar
Cyntellect, Inc.	1	211,767	1	211,767	0	0	0	0
Cytograft Tissue Engineering, Inc.	1	427,550	1	427,550	0	0	0	0
Diagnostics for the Real World	2	2,427,656	2	2,427,656	0	0	0	0
Fibrogen, Inc.	1	87,500	1	87,500	0	0	0	0
Functional Insect Genomics Institute	1	228,155	1	228,155	0	0	0	0
Genetronics, Inc.	1	102,865	1	102,865	0	0	0	0
Gen-Probe, Inc.	1	4,300,029	0	0	0	0	1	4,300,029
Good Samaritan Hospital	2	510,930	2	510,930	0	0	0	0
Harbor-UCLA Research and Education Institute	11	4,419,879	9	3,877,132	0	0	2	542,747
House Ear Institute	1	283,500	1	283,500	0	0	0	0
Ibis Therapeutics, Inc.	1	94,040	1	94,040	0	0	0	0
Interhealth Nutraceuticals, Inc.	1	149,800	1	149,800	0	0	0	0
Intuitive Surgical	1	93,345	1	93,345	0	0	0	0
Inverseon, Inc.	2	196,200	2	196,200	0	0	0	0
ISCHEM Corporation	1	374,972	1	374,972	0	0	0	0
J. David Gladstone Institutes	7	2,663,384	6	2,614,456	1	48,928	0	0
Kaiser Foundation Research Institute	8	7,335,577	4	3,984,810	0	0	4	3,350,767
La Jolla Bioengineering Institute	2	568,056	2	568,056	0	0	0	0
La Jolla Institute for Molecular Medicine	3	1,268,800	3	1,268,800	0	0	0	0
LaunchPoint Technologies, LLC	2	574,465	2	574,465	0	0	0	0
Loma Linda University	6	1,558,000	6	1,558,000	0	0	0	0
Los Angeles Orthopaedic Foundation	1	300,000	1	300,000	0	0	0	0
Lpath Therapeutics, Inc.	2	304,154	2	304,154	0	0	0	0
Macropore Biosurgery, Inc.	2	413,467	2	413,467	0	0	0	0
Magnesensors, Inc.	1	169,850	1	169,850	0	0	0	0
Maxwell Sensors, Inc.	1	100,259	1	100,259	0	0	0	0
National Childhood Cancer Foundation	1	966,377	0	0	0	0	1	966,377
Nicopharm Pharmaceutical Solutions, Inc.	1	138,940	1	138,940	0	0	0	0
Northern California Institute for Research and Education	6	5,758,317	6	5,758,317	0	0	0	0
Oma Medical	1	99,502	1	99,502	0	0	0	0
Pacific Tuberculosis/Cancer Research Organization	1	460,525	1	460,525	0	0	0	0
Palo Alto Institute for Research and Education, Inc.	1	223,200	1	223,200	0	0	0	0
Palo Alto Medical Foundation	2	1,210,509	2	1,210,509	0	0	0	0
Polymer Technology Group, Inc.	1	100,000	1	100,000	0	0	0	0
ProteomTech, Inc.	1	100,000	1	100,000	0	0	0	0
Pulmonetic Systems, Inc.	1	485,300	1	485,300	0	0	0	0
Quantum Applied Science and Research	2	199,916	2	199,916	0	0	0	0
Rand Corporation	2	851,560	2	851,560	0	0	0	0
Reva Medical, Inc.	1	150,000	1	150,000	0	0	0	0
Sam Technology, Inc.	1	335,213	1	335,213	0	0	0	0
San Diego State University	11	5,910,418	11	5,910,418	0	0	0	0
Sangamo BioSciences, Inc.	1	104,000	1	104,000	0	0	0	0
Sangart, Inc.	1	133,303	1	133,303	0	0	0	0
Scripps Research Institute	39	20,332,726	34	19,364,326	5	968,400	0	0
Selective Genetics, Inc.	1	1,014,190	1	1,014,190	0	0	0	0

Institution	Totals		Grants		Research Training and Career Development		Contracts	
	No.	Dollar	No.	Dollar	No.	Dollar	No.	Dollar
Shanbrom Technologies, LLC	1	99,750	1	99,750	0	0	0	0
Sidney Kimmel Cancer Center	3	1,359,675	3	1,359,675	0	0	0	0
Sierra Interventions, LLC	1	100,000	1	100,000	0	0	0	0
Sri International	2	862,171	2	862,171	0	0	0	0
Stanford University	73	37,071,900	64	34,908,710	8	1,138,190	1	1,025,000
Twenty First Century Medicine, Inc.	1	590,059	1	590,059	0	0	0	0
University of California, Berkeley	7	1,714,019	6	1,588,237	1	125,782	0	0
University of California, Davis	33	10,334,784	29	9,591,707	2	414,076	2	329,001
University of California, Irvine	18	6,621,230	14	4,572,435	0	0	4	2,048,795
University of California, Lawrence Berkeley National Laboratory	7	5,512,623	6	5,209,424	1	303,199	0	0
University of California, Los Angeles	62	30,478,944	53	27,942,518	6	1,341,223	3	1,195,203
University of California, Merced	1	350,068	1	350,068	0	0	0	0
University of California, Riverside	1	368,452	1	368,452	0	0	0	0
University of California, San Diego	85	43,882,442	69	40,063,059	12	2,444,180	4	1,375,203
University of California, San Francisco	99	38,436,675	87	36,602,112	12	1,834,563	0	0
University of California, Santa Barbara	1	234,707	1	234,707	0	0	0	0
University of Southern California	19	6,840,466	19	6,840,466	0	0	0	0
Veterans Medical Research Foundation, San Diego	3	915,075	3	915,075	0	0	0	0
WebSciences International	1	566,150	1	566,150	0	0	0	0
Total California	629	285,897,600	554	261,793,125	52	8,927,802	23	15,176,673
Colorado								
Children's Hospital (Denver)	1	22,500	1	22,500	0	0	0	0
Colorado State University, Fort Collins	3	738,533	2	695,557	1	42,976	0	0
Denver Health and Hospital Authority	2	1,351,625	2	1,351,625	0	0	0	0
Kestrel Labs, Inc.	1	468,643	1	468,643	0	0	0	0
Keystone Symposia	2	40,000	2	40,000	0	0	0	0
Klein Buendel, Inc.	1	103,446	1	103,446	0	0	0	0
Myogen, Inc.	1	100,000	1	100,000	0	0	0	0
National Jewish Medical and Research Center	36	19,318,359	33	19,137,482	2	103,832	1	77,045
Rocky Mountain Biosystems, Inc.	2	224,833	2	224,833	0	0	0	0
Rose Biomedical Development Corporation	2	528,694	2	528,694	0	0	0	0
University of Colorado at Boulder	13	2,907,331	8	2,395,342	5	511,989	0	0
University of Colorado Health Sciences Center	63	25,613,415	55	22,889,150	5	1,580,241	3	1,144,084
Visible Productions, LLC	1	277,346	1	277,346	0	0	0	0
Total Colorado	128	51,694,785	111	48,234,618	13	2,239,038	4	1,221,129
Connecticut								
CAS Medical Systems, Inc.	1	99,938	1	99,938	0	0	0	0
John B. Pierce Laboratory, Inc.	3	934,395	3	934,395	0	0	0	0
L2 Diagnostics, LLC	1	98,179	1	98,179	0	0	0	0
Physiological Technologies	1	99,510	1	99,510	0	0	0	0
University of Connecticut School of Medicine and Dental Medicine	16	6,973,322	16	6,973,322	0	0	0	0
Wesleyan University	1	284,000	1	284,000	0	0	0	0

Institution	Totals		Grants		Research Training and Career Development		Contracts	
	No.	Dollar	No.	Dollar	No.	Dollar	No.	Dollar
Yale University	66	27,580,117	58	25,875,445	8	1,704,672	0	0
Total Connecticut	89	36,069,461	81	34,364,789	8	1,704,672	0	0
Delaware								0
Compact Membrane Systems, Inc.	2	714,644	2	714,644	0	0	0	0
Sorption Technologies, Inc.	1	99,770	1	99,770	0	0	0	0
University of Delaware	4	1,107,000	4	1,107,000	0	0	0	0
Total Delaware	7	1,921,414	7	1,921,414	0	0	0	0
District of Columbia								
American Institutes for Research	2	2,458,278	0	0	0	0	2	2,458,278
American National Red Cross	1	371,326	1	371,326	0	0	0	0
American Registry of Pathology, Inc.	1	287,463	1	287,463	0	0	0	0
Children's Research Institute	6	2,279,231	5	2,196,854	0	0	1	82,377
George Washington University	11	3,976,976	10	3,551,976	0	0	1	425,000
Georgetown University	17	7,157,225	17	7,157,225	0	0	0	0
Health Media Lab, Inc.	1	486,819	1	486,819	0	0	0	0
Healthmark Associates	1	416,938	1	416,938	0	0	0	0
Howard University	6	2,521,245	3	1,746,927	1	130,838	2	643,480
Medstar Research Institute	1	924,028	0	0	0	0	1	924,028
U.S. Bureau of the Census	1	559,000	0	0	0	0	1	559,000
U.S. Department of Agriculture	1	200,000	1	200,000	0	0	0	0
U.S. Department of Health and Human Services, Office of Human Development Services	6	58,695,062	0	0	0	0	6	58,695,062
U.S. Department of Veterans Affairs Medical Center	1	120,057	0	0	0	0	1	120,057
Total District of Columbia	56	80,453,648	40	16,415,528	1	130,838	15	63,907,282
Florida								
Alpha-1 Foundation	1	20,437	1	20,437	0	0	0	0
Florida Agricultural and Mechanical University	0	338,394	0	338,394	0	0	0	0
Florida Atlantic University	2	526,875	2	526,875	0	0	0	0
Florida Institute of Technology	1	243,250	1	243,250	0	0	0	0
Florida International University	0	258,260	0	258,260	0	0	0	0
Florida State University	3	1,190,668	3	1,190,668	0	0	0	0
H. Lee Moffitt Cancer Center and Research Institute	1	230,673	1	230,673	0	0	0	0
Innovia, LLC	1	413,679	1	413,679	0	0	0	0
Mount Sinai Medical Center, Miami Beach	0	1,000,000	0	1,000,000	0	0	0	0
Nemours Children's Clinic	1	520,186	1	520,186	0	0	0	0
Nova Southeastern University	2	360,554	2	360,554	0	0	0	0
Transgenex Therapeutics	2	267,916	2	267,916	0	0	0	0
University of Central Florida	2	600,319	2	600,319	0	0	0	0
University of Florida	42	14,700,995	38	14,163,151	3	262,844	1	275,000
University of Miami, Coral Gables	4	3,191,450	3	2,874,128	1	317,322	0	0
University of Miami Medical Center	20	6,969,763	17	5,983,612	1	343,605	2	642,546
University of South Florida	6	1,958,995	6	1,958,995	0	0	0	0
Vicor Technologies, Inc.	1	750,000	1	750,000	0	0	0	0
Total Florida	89	33,542,414	81	31,701,097	5	923,771	3	917,546

Institution	Totals		Grants		Research Training and Career Development		Contracts	
	No.	Dollar	No.	Dollar	No.	Dollar	No.	Dollar
Georgia								
American Cardiovascular Research Institute	1	157,242	1	157,242	0	0	0	0
Bresagen, Inc.	0	125,000	0	125,000	0	0	0	0
Centers for Disease Control and Prevention	1	725,000	0	0	0	0	1	725,000
Emory University	63	22,290,867	53	20,463,221	8	926,025	2	901,621
Georgia Institute of Technology	6	2,863,897	5	2,814,969	1	48,928	0	0
Georgia State University	3	720,440	3	720,440	0	0	0	0
Medical College of Georgia	38	15,740,531	35	15,387,036	3	353,495	0	0
Mercer University, Macon	1	168,946	1	168,946	0	0	0	0
Morehouse School of Medicine	12	4,922,368	11	4,719,953	1	202,425	0	0
Transfusion and Transplantation Technology	2	195,741	2	195,741	0	0	0	0
University of Georgia	4	652,783	3	625,800	1	26,983	0	0
Total Georgia	131	48,562,815	114	45,378,348	14	1,557,846	3	1,626,621
Hawaii								
Pacific Health Research Institute	2	1,001,629	2	1,001,629	0	0	0	0
Queen's Medical Center	1	600,000	1	600,000	0	0	0	0
University of Hawaii at Hilo	0	265,082	0	265,082	0	0	0	0
University of Hawaii at Manoa	2	743,750	2	743,750	0	0	0	0
Total Hawaii	5	2,610,461	5	2,610,461	0	0	0	0
Illinois								
AJ Medical Engineering	1	827,746	1	827,746	0	0	0	0
BioTechPlex Corporation	4	1,066,563	4	1,066,563	0	0	0	0
Children's Memorial Hospital, Chicago Chicago	1	98,010	1	98,010	0	0	0	0
Cordynamics, Inc.	1	97,838	1	97,838	0	0	0	0
Evanston Northwestern Healthcare Research Institute	2	522,202	2	522,202	0	0	0	0
Hektoen Institute for Medical Research	1	763,746	1	763,746	0	0	0	0
Howard Brown Health Center	0	96,213	0	96,213	0	0	0	0
Loyola University, Chicago	19	5,970,876	17	5,878,972	2	91,904	0	0
Midwestern University	1	200,496	1	200,496	0	0	0	0
Northwestern University	64	23,604,680	54	19,281,497	7	1,146,140	3	3,177,043
Rosalind Franklin University of Medicine and Science	2	507,000	2	507,000	0	0	0	0
Rush University Medical Center	9	3,908,950	8	3,216,618	0	0	1	692,332
SloWave, Inc.	1	98,322	1	98,322	0	0	0	0
Southern Illinois University, Carbondale	3	830,185	3	830,185	0	0	0	0
Southern Illinois University School of Medicine	1	246,750	1	246,750	0	0	0	0
SSC Small Business Illinois	1	389,341	0	0	0	0	1	389,341
University of Chicago	31	11,893,264	26	10,520,687	4	1,281,769	1	90,808
University of Illinois at Chicago	52	20,361,862	46	19,151,302	6	1,210,560	0	0
University of Illinois, Urbana-Champaign	4	1,358,232	4	1,358,232	0	0	0	0
Total Illinois	198	72,842,276	173	64,762,379	19	3,730,373	6	4,349,524
Indiana								
Clarian Health Partners, Inc.	1	245,753	1	245,753	0	0	0	0
General Biotechnology, LLC	1	498,846	1	498,846	0	0	0	0

Institution	Totals		Grants		Research Training and Career Development		Contracts	
	No.	Dollar	No.	Dollar	No.	Dollar	No.	Dollar
Indiana University–Purdue University at Indianapolis	50	18,854,144	48	18,255,348	2	598,796	0	0
OptoSonics, Inc.	1	111,165	1	111,165	0	0	0	0
University of Notre Dame	3	2,411,467	3	2,411,467	0	0	0	0
Total Indiana	56	22,121,375	54	21,522,579	2	598,796	0	0
Iowa								
Maharishi University of Management	1	496,432	1	496,432	0	0	0	0
University of Iowa	76	32,503,099	70	29,847,209	5	2,255,890	1	400,000
Vida Technologies	1	100,000	1	100,000	0	0	0	0
Total Iowa	78	33,099,531	72	30,443,641	5	2,255,890	1	400,000
Kansas								
Kansas State University	3	463,919	2	436,500	1	27,419	0	0
University of Kansas, Lawrence	2	666,460	2	666,460	0	0	0	0
University of Kansas Medical Center	7	1,738,799	6	1,707,780	1	31,019	0	0
Wichita State University	1	180,660	1	180,660	0	0	0	0
Total Kansas	13	3,049,838	11	2,991,400	2	58,438	0	0
Kentucky								
Regenerex, LLC	1	220,500	1	220,500	0	0	0	0
University of Kentucky	31	8,420,489	29	8,251,912	2	168,577	0	0
University of Louisville	37	10,276,748	32	10,025,813	5	250,935	0	0
Total Kentucky	69	18,917,737	62	18,498,225	7	419,512	0	0
Louisiana								
Louisiana State University Health Sciences Center, New Orleans	11	4,680,056	10	4,404,768	0	0	1	275,288
Louisiana State University Health Sciences Center, Shreveport	1	217,500	1	217,500	0	0	0	0
Louisiana State University Pennington Biomedical Research Center	3	920,820	3	920,820	0	0	0	0
Tulane University of Louisiana	23	8,974,547	20	8,696,648	3	277,899	0	0
Total Louisiana	38	14,792,923	34	14,239,736	3	277,899	1	275,288
Maine								
American Red Cross Blood Services, New England	1	257,915	0	0	0	0	1	257,915
Bowdoin College	1	187,210	1	187,210	0	0	0	0
Jackson Laboratory	11	6,735,091	10	6,729,471	1	5,620	0	0
Maine Medical Center	7	2,388,650	7	2,388,650	0	0	0	0
New England Medical Center Hospitals	1	365,816	0	0	0	0	1	365,816
New England Research Institutes, Inc.	1	837,227	0	0	0	0	1	837,227
University of Maine, Orono	1	472,968	1	472,968	0	0	0	0
Total Maine	23	11,244,877	19	9,778,299	1	5,620	3	1,460,958
Maryland								
Adlyfe, Inc.	1	372,005	1	372,005	0	0	0	0
Biosurface Engineering Technologies	1	99,750	1	99,750	0	0	0	0
Bon Secours Hospital, Baltimore	1	600,000	1	600,000	0	0	0	0
Cellex, Inc.	1	99,670	1	99,670	0	0	0	0
Clearant, Inc.	1	319,487	1	319,487	0	0	0	0
Clinical Trials and Surveys Corporation	2	2,122,831	0	0	0	0	2	2,122,831
EMMES Corporation	2	837,598	0	0	0	0	2	837,598
Engineering and Scientific Research Association	1	100,000	1	100,000	0	0	0	0

Institution	Totals		Grants		Research Training and Career Development		Contracts	
	No.	Dollar	No.	Dollar	No.	Dollar	No.	Dollar
Eva Corporation	1	100,000	1	100,000	0	0	0	0
Federation of American Societies for Experimental Biology	3	56,250	3	56,250	0	0	0	0
Genex Technologies, Inc.	1	100,000	1	100,000	0	0	0	0
Guilford Pharmaceuticals, Inc.	1	95,013	1	95,013	0	0	0	0
Henry M. Jackson Foundation for the Advancement of Military Medicine	6	2,134,708	5	1,846,228	1	288,480	0	0
Individual Monitoring Systems, Inc.	2	664,179	2	664,179	0	0	0	0
Infinite Biomedical Technologies, LLC	2	656,049	2	656,049	0	0	0	0
Institute for Genomic Research	1	1,412,828	1	1,412,828	0	0	0	0
Johns Hopkins University	193	81,489,323	168	75,983,817	18	3,361,400	7	2,144,106
Maryland Medical Research Institute	2	1,547,301	1	411,208	0	0	1	1,136,093
MasiMax Resources, Inc.	1	1,285,064	0	0	0	0	1	1,285,064
MedStar Research Institute	4	3,786,986	4	3,786,986	0	0	0	0
Morgan State University	0	60,151	0	60,151	0	0	0	0
National Cancer Institute	1	1,000,000	0	0	0	0	1	1,000,000
National Center for Complementary and Alternative Medicine	1	200,000	0	0	0	0	1	200,000
National Center for Genome Resources	1	1,032,312	0	0	0	0	1	1,032,312
National Center for Health Statistics	1	245,760	0	0	0	0	1	245,760
National Center for Research Resources	2	618,000	0	0	0	0	2	618,000
National Institute of Child Health and Human Development	3	7,083,373	0	0	0	0	3	7,083,373
National Institute of Diabetes and Digestive and Kidney Diseases	2	5,000,000	0	0	0	0	2	5,000,000
National Institute of Neurological Disorders and Stroke	1	1,307,100	0	0	0	0	1	1,307,100
National Institutes of Health	1	8,661,937	0	0	0	0	1	8,661,937
Northrop Grumman Information Technology Corporation	1	871,786	0	0	0	0	1	871,786
Peace Technology, Inc.	1	73,080	0	0	0	0	1	73,080
Pulmonary Hypertension Association	1	14,546	1	14,546	0	0	0	0
University of Maryland, Baltimore County Campus	1	285,906	1	285,906	0	0	0	0
University of Maryland Baltimore Professional School	53	21,309,643	48	20,402,275	3	756,777	2	150,591
University of Maryland Biotechnology Institute	2	742,500	2	742,500	0	0	0	0
University of Maryland, College Park Campus	2	1,046,932	2	1,046,932	0	0	0	0
U.S. Agricultural Research Center	2	850,000	0	0	0	0	2	850,000
U.S. Small Business Administration	2	143,000	0	0	0	0	2	143,000
U.S. PHS Public Advisory Groups	12	5,111,000	12	5,111,000	0	0	0	0
Warren Grant Magnuson Clinical Center	1	150,000	0	0	0	0	1	150,000
Westat, Inc.	2	4,268,062	1	864,662	0	0	1	3,403,400
Total Maryland	320	157,954,130	262	115,231,442	22	4,406,657	36	38,316,031
Massachusetts								
ABIOMED, Inc.	3	281,280	3	281,280	0	0	0	0
Aeris Therapeutics, Inc.	1	95,000	1	95,000	0	0	0	0
Beth Israel Deaconess Medical Center	58	24,473,598	53	23,128,303	5	1,345,295	0	0
Biomedical Research Models, Inc.	1	223,141	1	223,141	0	0	0	0

Institution	Totals		Grants		Research Training and Career Development		Contracts	
	No.	Dollar	No.	Dollar	No.	Dollar	No.	Dollar
BioMod Surfaces	1	373,560	1	373,560	0	0	0	0
BioPhysics Assay Laboratory, Inc. (BioPAL)	1	356,143	1	356,143	0	0	0	0
BioSurfaces	1	100,000	1	100,000	0	0	0	0
Boston Biomedical Research Institute	10	4,281,762	10	4,281,762	0	0	0	0
Boston Medical Center	17	8,564,745	17	8,564,745	0	0	0	0
Boston University, Charles River Campus	6	1,546,999	5	1,513,055	1	33,944	0	0
Boston University Medical Campus	62	37,496,187	54	28,791,869	7	2,685,901	1	6,018,417
Brandeis University	1	105,220	1	105,220	0	0	0	0
Brigham and Women's Hospital	130	57,589,925	106	52,763,859	22	3,773,399	2	1,052,667
Candela Laser Corporation	1	79,234	1	79,234	0	0	0	0
Cape Cod Research, Inc.	1	102,450	1	102,450	0	0	0	0
Cardiovascular Engineering, Inc.	1	287,277	1	287,277	0	0	0	0
CBR Institute for Biomedical Research	8	12,359,559	8	12,359,559	0	0	0	0
Children's Hospital Boston	56	23,726,930	50	22,282,153	6	1,444,777	0	0
Covalent Associates, Inc.	1	389,333	1	389,333	0	0	0	0
Dana-Farber Cancer Institute	15	7,326,023	15	7,326,023	0	0	0	0
Gene Regulation Laboratories	1	359,052	1	359,052	0	0	0	0
Giner, Inc.	1	380,178	1	380,178	0	0	0	0
GTC Biotherapeutics, Inc.	1	149,265	1	149,265	0	0	0	0
Gwathmey, Inc.	3	1,676,564	3	1,676,564	0	0	0	0
Harvard Pilgrim Health Care, Inc.	3	1,808,856	3	1,808,856	0	0	0	0
Harvard University	2	815,422	2	815,422	0	0	0	0
Harvard University Medical School	13	4,697,813	8	3,722,753	5	975,060	0	0
Harvard University School of Public Health	24	12,379,025	21	11,817,671	3	561,354	0	0
Hydra Biosciences, Inc.	1	140,000	1	140,000	0	0	0	0
Implant Sciences Corporation	1	94,813	1	94,813	0	0	0	0
Inotek Corporation	3	1,285,122	3	1,285,122	0	0	0	0
IQuum, Inc.	1	154,086	1	154,086	0	0	0	0
IVREA, Inc.	1	130,875	1	130,875	0	0	0	0
Joslin Diabetes Center	2	1,014,170	2	1,014,170	0	0	0	0
Massachusetts Eye and Ear Infirmary	1	125,982	1	125,982	0	0	0	0
Massachusetts General Hospital	72	24,682,699	65	21,330,649	6	1,299,616	1	2,052,434
Massachusetts Institute of Technology	12	7,838,716	11	7,797,648	1	41,068	0	0
Massachusetts Mental Health Institute	1	200,550	1	200,550	0	0	0	0
Molecular Insight Pharmaceuticals, Inc.	2	497,238	2	497,238	0	0	0	0
New England Medical Center Hospitals	33	17,250,109	29	16,686,412	3	518,394	1	45,303
New England Research Institutes, Inc.	5	4,750,098	5	4,750,098	0	0	0	0
Newton Laboratories	1	99,795	1	99,795	0	0	0	0
Northeastern University	2	378,973	2	378,973	0	0	0	0
Pharos, LLC	1	263,056	1	263,056	0	0	0	0
Physical Sciences, Inc.	2	680,330	2	680,330	0	0	0	0
Plethlogic	1	149,126	1	149,126	0	0	0	0
Pyramid Technical Consultants	1	100,000	1	100,000	0	0	0	0
Radiation Monitoring Devices, Inc.	1	375,005	1	375,005	0	0	0	0
Science Research Laboratory, Inc.	1	555,074	1	555,074	0	0	0	0
St. Elizabeth's Medical Center of Boston	5	3,281,642	5	3,281,642	0	0	0	0

Institution	Totals		Grants		Research Training and Career Development		Contracts	
	No.	Dollar	No.	Dollar	No.	Dollar	No.	Dollar
Thermal Technologies, Inc.	1	336,624	1	336,624	0	0	0	0
Tufts University, Boston	13	3,998,062	11	3,710,505	2	287,557	0	0
University of Massachusetts Medical School, Worcester	24	8,880,533	22	8,050,117	1	130,416	1	700,000
Verax Biomedical, Inc.	1	317,094	1	317,094	0	0	0	0
V.I. Technologies, Inc.	2	667,386	2	667,386	0	0	0	0
Whalen Biomedical, Inc.	1	100,525	1	100,525	0	0	0	0
Whitehead Institute for Biomedical Research	1	42,976	0	0	1	42,976	0	0
Total Massachusetts	616	280,415,200	547	257,406,622	63	13,139,757	6	9,868,821
Michigan								
Accumed Systems, Inc.	1	683,709	1	683,709	0	0	0	0
Henry Ford Health System	11	5,348,534	11	5,348,534	0	0	0	0
L-VAD Technology, Inc.	1	668,462	1	668,462	0	0	0	0
MC3, Inc.	5	1,849,500	5	1,849,500	0	0	0	0
Medarray, Inc.	1	428,791	1	428,791	0	0	0	0
Michigan State University	12	3,847,620	11	3,810,420	1	37,200	0	0
Molecular Innovations, Inc.	1	424,685	1	424,685	0	0	0	0
Oakland University	1	71,000	1	71,000	0	0	0	0
University of Michigan at Ann Arbor	101	38,507,085	86	34,768,333	12	2,109,943	3	1,628,809
Wayne State University	14	3,533,760	14	3,533,760	0	0	0	0
Western Michigan University	1	181,875	1	181,875	0	0	0	0
Total Michigan	149	55,545,021	133	51,769,069	13	2,147,143	3	1,628,809
Minnesota								
Advanced Circulatory Systems, Inc.	1	99,947	1	99,947	0	0	0	0
Advanced Medical Electronics Corporation	4	956,148	4	956,148	0	0	0	0
Discovery Genomics, Inc.	1	235,588	1	235,588	0	0	0	0
Korosensor.com, Inc.	1	303,415	1	303,415	0	0	0	0
Mayo Clinic, Rochester	64	22,772,976	55	20,645,275	6	815,593	3	1,312,108
Minneapolis Medical Research Foundation, Inc.	1	6,448,619	0	0	0	0	1	6,448,619
Minnesota State University, Moorhead	1	197,024	1	197,024	0	0	0	0
Minnesota Veterans Research Institute	1	625,310	1	625,310	0	0	0	0
National Marrow Donor Program, Inc.	1	535,351	0	0	0	0	1	535,351
Paradigm Pharmaceuticals, LLC	1	371,950	1	371,950	0	0	0	0
Phygen, Inc.	1	164,984	1	164,984	0	0	0	0
Sunnyside Technologies	1	120,800	1	120,800	0	0	0	0
University of Minnesota, Twin Cities	84	33,939,869	70	26,196,574	7	1,994,712	7	5,748,583
Wilson Wolf Manufacturing Corporation	1	695,500	1	695,500	0	0	0	0
Total Minnesota	163	67,467,481	138	50,612,515	13	2,810,305	12	14,044,661
Mississippi								
Jackson Hinds Comprehensive Health Center	1	196,358	1	196,358	0	0	0	0
Tougaloo College	1	5,000	0	0	0	0	1	5,000
University of Mississippi Medical Center	17	6,669,305	12	6,118,164	4	118,346	1	432,795
Total Mississippi	19	6,870,663	13	6,314,522	4	118,346	2	437,795
Missouri								
A.T. Still University of Health Sciences	1	186,600	1	186,600	0	0	0	0

Institution	Totals		Grants		Research Training and Career Development		Contracts	
	No.	Dollar	No.	Dollar	No.	Dollar	No.	Dollar
Alveoli Medical, LLC	1	100,035	1	100,035	0	0	0	0
APT Therapeutics, Inc.	1	98,750	1	98,750	0	0	0	0
Children's Mercy Hospital, Kansas City	2	562,408	2	562,408	0	0	0	0
Engineering Software Research and Development, Inc	1	251,665	1	251,665	0	0	0	0
St. Louis University	16	4,319,941	15	4,170,061	0	0	1	149,880
University of Missouri, Columbia	18	5,902,600	14	5,634,650	4	267,950	0	0
University of Missouri, Kansas City	1	253,490	1	253,490	0	0	0	0
University of Missouri, St. Louis	1	231,566	1	231,566	0	0	0	0
VitalTech, Inc.	1	96,990	1	96,990	0	0	0	0
Washington University	129	51,056,940	111	47,586,509	17	3,406,730	1	63,701
Total Missouri	172	63,060,985	149	59,172,724	21	3,674,680	2	213,581
Montana								
Resodyn Corporation	1	155,134	1	155,134	0	0	0	0
University of Montana	4	1,253,602	4	1,253,602	0	0	0	0
Total Montana	5	1,408,736	5	1,408,736	0	0	0	0
Nebraska								
Creighton University	3	578,525	2	537,792	1	40,733	0	0
University of Nebraska, Lincoln	1	288,000	1	288,000	0	0	0	0
University of Nebraska Medical Center	8	5,051,705	8	5,051,705	0	0	0	0
Total Nebraska	12	5,918,230	11	5,877,497	1	40,733	0	0
Nevada								
Nevada Cancer Institute	1	358,997	1	358,997	0	0	0	0
Sierra Biomedical Research Corporation	2	753,145	2	753,145	0	0	0	0
University of Nevada at Reno	13	3,914,919	12	3,664,919	0	0	1	250,000
Total Nevada	16	5,027,061	15	4,777,061	0	0	1	250,000
New Hampshire								
Creare, Inc.	2	577,687	2	577,687	0	0	0	0
Dartmouth College	22	6,526,562	21	6,507,209	1	19,353	0	0
University of New Hampshire	1	142,190	1	142,190	0	0	0	0
U.S. Department of Veterans Affairs Medical Center, Albuquerque	1	3,913,076	0	0	0	0	1	3,913,076
Xemed, LLC	1	102,965	1	102,965	0	0	0	0
Total New Hampshire	27	11,262,480	25	7,330,051	1	19,353	1	3,913,076
New Jersey								
Coecare.Com, LLC	2	493,714	2	493,714	0	0	0	0
DVX, LLC	1	688,565	1	688,565	0	0	0	0
Life Recovery Systems, Inc.	1	601,478	1	601,478	0	0	0	0
PharmaSeq, Inc.	1	373,162	1	373,162	0	0	0	0
Princeton University	2	343,191	1	296,771	1	46,420	0	0
Public Health Research Institute	3	1,093,542	3	1,093,542	0	0	0	0
Rutgers, The State University of New Jersey, New Brunswick	3	362,222	2	362,221	1	1	0	0
University of Medicine and Dentistry of New Jersey	18	9,548,284	15	8,964,531	2	0	0	0
University of Medicine and Dentistry of New Jersey, R.W. Johnson Medical School	7	4,081,740	7	4,081,740	0	307,249	1	276,504
Total New Jersey	38	17,585,898	33	16,955,724	4	353,670	1	276,504

Institution	Totals		Grants		Research Training and Career Development		Contracts	
	No.	Dollar	No.	Dollar	No.	Dollar	No.	Dollar
New Mexico								
Lovelace Biomedical and Environmental Research	5	2,230,842	5	2,230,842	0	0	0	0
Southwest Sciences, Inc.	2	438,946	2	438,946	0	0	0	0
TPL, Inc.	1	304,952	1	304,952	0	0	0	0
University of New Mexico, Albuquerque	11	4,868,634	8	3,781,169	1	80,384	2	1,007,081
Total New Mexico	19	7,843,374	16	6,755,909	1	80,384	2	1,007,081
New York								
Albany Medical College of Union University	7	2,074,387	5	1,454,553	2	619,834	0	0
Angion Biomedica Corporation	1	175,272	1	175,272	0	0	0	0
CardioMag Imaging, Inc.	1	100,000	1	100,000	0	0	0	0
Cell Preservation Services, Inc.	1	474,992	1	474,992	0	0	0	0
City College of New York	3	966,076	3	966,076	0	0	0	0
Columbia University Health Sciences	79	44,431,003	70	36,400,652	6	1,231,103	3	6,799,248
Columbia University, New York Morningside	8	3,261,085	6	2,061,484	0	0	2	1,199,601
Cornell University, Ithaca	9	4,246,828	9	4,246,828	0	0	0	0
CUNY Graduate School and University Center	1	312,500	1	312,500	0	0	0	0
Foster-Miller Technologies, Inc.	5	1,668,861	5	1,668,861	0	0	0	0
Gene Network Sciences, Inc.	1	99,960	1	99,960	0	0	0	0
Graduate College of Union University	0	80,000	0	80,000	0	0	0	0
Hofstra University	1	48,928	0	0	1	48,928		0
Jarvik Research, Inc.	1	1,016,032	0	0	0	0	1	1,016,032
Masonic Medical Research Laboratory, Inc.	3	1,046,480	3	1,046,480	0	0	0	0
Mohawk Innovative Technology, Inc.	1	149,829	1	149,829	0	0	0	0
Montefiore Medical Center, Bronx	1	135,559	1	135,559	0	0	0	0
Mount Sinai School of Medicine	31	19,252,884	28	15,229,236	2	402,131	1	3,621,517
Nanoprobe, Inc.	2	723,301	2	723,301	0	0	0	0
Narrows Institute for Biomedical Research, Inc.	3	615,286	2	558,750	1	56,536	0	0
New York Academy of Medicine	1	478,116	1	478,116	0	0	0	0
New York Blood Center	7	3,185,408	7	3,185,408	0	0	0	0
New York Institute of Technology, Old Westbury	1	307,147	1	307,147	0	0	0	0
New York Medical College	20	9,741,508	20	9,741,508	0	0	0	0
New York University	1	221,250	1	221,250	0	0	0	0
New York University School Of Medicine	25	8,098,475	22	7,693,483	3	404,992	0	0
North Shore–Long Island Jewish Research Institute	5	1,760,028	5	1,760,028	0	0	0	0
Ogilvy Public Relations Worldwide	1	964,493	0	0	0	0	1	964,493
Pharmacon International, Inc.	2	520,741	2	520,741	0	0	0	0
Photon Migration Technologies Corporation	1	140,812	1	140,812	0	0	0	0
Rensselaer Polytechnic Institute	2	509,691	2	509,691	0	0	0	0
Rockefeller University	8	4,225,670	8	4,225,670	0	0	0	0
Roswell Park Cancer Institute Corporation	3	1,065,675	3	1,065,675	0	0	0	0

Institution	Totals		Grants		Research Training and Career Development		Contracts	
	No.	Dollar	No.	Dollar	No.	Dollar	No.	Dollar
Sloan-Kettering Institute for Cancer Research	10	2,542,339	10	2,542,339	0	0	0	0
State University of New York at Albany	1	257,510	1	257,510	0	0	0	0
State University of New York at Buffalo	16	4,945,615	15	4,826,858	1	118,757	0	0
State University of New York at Stony Brook	19	5,248,008	18	4,848,008	0	0	1	400,000
St. John's University	2	901,438	2	901,438	0	0	0	0
St. Luke's-Roosevelt Institute for Health Sciences	7	2,654,619	7	2,654,619	0	0	0	0
SUNY Downstate Medical Center	7	1,787,013	6	1,657,864	0	0	1	129,149
Syracuse University	2	601,500	2	601,500	0	0	0	0
Transonic Systems, Inc.	2	728,403	2	728,403	0	0	0	0
Trudeau Institute, Inc.	4	2,990,754	4	2,990,754	0	0	0	0
University of Rochester	47	17,730,483	42	16,886,224	5	844,259	0	0
Upstate Medical Center	7	3,957,782	7	3,957,782	0	0	0	0
Visiting Nurse Service of New York	1	640,463	1	640,463	0	0	0	0
Weill Medical College of Cornell University	45	27,657,424	42	26,824,337	2	91,195	1	741,892
Winthrop-University Hospital	3	956,956	3	956,956	0	0	0	0
Yeshiva University	32	17,970,301	27	16,998,673	4	550,988	1	420,640
York College	0	297,919	0	297,919	0	0	0	0
Total New York	441	203,966,804	402	184,305,509	27	4,368,723	12	15,292,572
North Carolina								
BioMarck Pharmaceuticals	1	632,540	1	632,540	0	0	0	0
BreathQuant Medical Systems, Inc.	1	584,164	1	584,164	0	0	0	0
Carolinas Medical Center	1	351,789	1	351,789	0	0	0	0
Cognosci, Inc.	1	214,573	1	214,573	0	0	0	0
Constella Group, Inc.	2	1,968,505	0	0	0	0	2	1,968,505
Duke University	121	59,328,343	105	55,162,253	12	1,710,158	4	2,455,932
East Carolina University	2	570,827	2	570,827	0	0	0	0
Ercole Biotech, Inc.	1	270,674	1	270,674	0	0	0	0
MediWave Star Technology, Inc.	2	198,180	2	198,180	0	0	0	0
NDimo, Inc.	1	100,000	1	100,000	0	0	0	0
Nekton Research, LLC	1	98,307	1	98,307	0	0	0	0
North Carolina Central University	2	789,305	2	789,305	0	0	0	0
North Carolina State University at Raleigh	6	1,875,839	5	1,680,014	1	195,825	0	0
Regado Biosciences, Inc.	1	98,568	1	98,568	0	0	0	0
Rho Federal Systems Division, Inc.	1	4,018,206	1	4,018,206	0	0	0	0
Southeast TechInventures	1	175,937	1	175,937	0	0	0	0
University of North Carolina at Chapel Hill	92	36,315,877	81	34,409,637	8	1,609,726	3	296,514
University of North Carolina at Charlotte	1	462,126	1	462,126	0	0	0	0
University of North Carolina at Greensboro	1	193,500	1	193,500	0	0	0	0
U.S. PHS Office of Disease Prevention and Health Promotion	1	2,000,000	0	0	0	0	1	2,000,000
Vortant Technologies, LLC	1	99,776	1	99,776	0	0	0	0
Wake Forest University	7	8,111,343	2	883,141	0	0	5	7,228,202
Wake Forest University Health Sciences	44	33,257,545	38	18,911,350	4	443,558	2	13,902,637

Institution	Totals		Grants		Research Training and Career Development		Contracts	
	No.	Dollar	No.	Dollar	No.	Dollar	No.	Dollar
Williams LifeSkills, Inc.	1	272,355	1	272,355	0	0	0	0
Winston-Salem State University	1	116,885	1	116,885	0	0	0	0
Total North Carolina	294	152,105,164	252	120,294,107	25	3,959,267	17	27,851,790
North Dakota								
North Dakota State University	3	564,000	3	564,000	0	0	0	0
Total North Dakota	3	564,000	3	564,000	0	0	0	0
Ohio								
Athersys, Inc.	1	100,000	1	100,000	0	0	0	0
BIOMEC, Inc.	2	442,148	2	442,148	0	0	0	0
Biomedical Research Associates, Inc.	1	99,419	1	99,419	0	0	0	0
Case Western Reserve University	61	28,332,110	54	21,650,295	6	2,027,662	1	4,654,153
ChantTest, Inc.	1	200,633	1	200,633	0	0	0	0
ChanXpress, Inc.	1	100,000	1	100,000	0	0	0	0
Children's Hospital Medical Center of Cincinnati	48	26,041,345	45	25,706,290	3	335,055	0	0
Children's Research Institute	2	438,915	2	438,915	0	0	0	0
Cleveland Clinic Foundation	6	5,774,397	4	5,541,030	0	0	2	233,367
Cleveland Clinic Lerner College of Medicine of Case Western Reserve University	54	20,676,413	50	19,647,069	3	111,055	1	918,289
Cleveland Medical Devices, Inc.	3	451,007	3	451,007	0	0	0	0
Cleveland State University	1	299,555	1	299,555	0	0	0	0
Curragh Chemistries, Inc.	1	145,600	1	145,600	0	0	0	0
Enable Medical Corporation	1	387,745	1	387,745	0	0	0	0
EnteraTech, Inc.	1	237,155	1	237,155	0	0	0	0
LAM Foundation	1	21,375	1	21,375	0	0	0	0
Medical College of Ohio at Toledo	8	5,459,950	8	5,459,950	0	0	0	0
MetroHealth Medical Center	1	337,500	1	337,500	0	0	0	0
NanoMimetics, Inc.	1	138,071	1	138,071	0	0	0	0
Ohio State University	32	8,891,364	27	8,288,920	3	288,003	2	314,441
Synapse Biomedical, Ltd.	1	99,895	1	99,895	0	0	0	0
University of Cincinnati	47	17,325,907	42	15,774,165	3	733,296	2	818,446
University of Dayton	1	221,340	1	221,340	0	0	0	0
Wright State University	7	2,863,627	6	2,863,626	1	1	0	0
Total Ohio	283	119,085,471	256	108,651,703	19	3,495,072	8	6,938,696
Oklahoma								
Ekips Technologies, Inc.	1	376,928	1	376,928	0	0	0	0
Langston University	1	500,000	1	500,000	0	0	0	0
Oklahoma Medical Research Foundation	6	3,830,971	6	3,830,971	0	0	0	0
Oklahoma State University, Stillwater	2	607,200	2	607,200	0	0	0	0
Selexys Pharmaceuticals Corporation	1	304,843	1	304,843	0	0	0	0
University of Oklahoma Health Sciences Center	11	4,443,595	11	4,443,595	0	0	0	0
Total Oklahoma	22	10,063,537	22	10,063,537	0	0	0	0
Oregon								
Dimera, LLC	2	1,229,136	2	1,229,136	0	0	0	0
Inovise Medical, Inc.	1	325,372	1	325,372	0	0	0	0
Oregon Health and Science University	39	14,352,329	34	13,681,196	5	671,133	0	0
Oregon Research Institute	1	338,478	1	338,478	0	0	0	0
Oregon State University	1	250,250	1	250,250	0	0	0	0

Institution	Totals		Grants		Research Training and Career Development		Contracts	
	No.	Dollar	No.	Dollar	No.	Dollar	No.	Dollar
Portland State University	1	355,000	1	355,000	0	0	0	0
University of Oregon	2	430,795	2	430,795	0	0	0	0
Total Oregon	47	17,281,360	42	16,610,227	5	671,133	0	0
Pennsylvania								
Allegheny-Singer Research Institute	3	717,494	3	717,494	0	0	0	0
APD Life Sciences, Inc.	1	463,708	1	463,708	0	0	0	0
CardiacAssist, Inc.	1	105,074	1	105,074	0	0	0	0
Carnegie Mellon University	3	1,372,762	3	1,372,762	0	0	0	0
CASurgica, Inc.	1	99,412	1	99,412	0	0	0	0
Children's Hospital of Philadelphia	43	25,688,751	40	25,029,812	3	658,939	0	0
Children's Hospital of Pittsburgh	5	1,452,394	4	1,398,042	1	54,352	0	0
Drexel University	5	1,000,547	5	1,000,547	0	0	0	0
Drexel University College of Medicine	4	1,405,943	3	1,322,853	1	83,090	0	0
Ension, Inc.	4	1,366,802	3	739,872	0	0	1	626,930
Fox Chase Cancer Center	2	760,500	2	760,500	0	0	0	0
Guthrie Foundation for Education and Research	1	258,650	1	258,650	0	0	0	0
InSight TeleHealth Systems, LLC	1	400,524	1	400,524	0	0	0	0
Institute for Cancer Research	1	463,213	1	463,213	0	0	0	0
Institute of Hematology and Blood Transfusion	1	195,995	0	0	0	0	1	195,995
Integral Molecular	1	271,137	1	271,137	0	0	0	0
Lankenau Medical Research Center	1	400,000	1	400,000	0	0	0	0
Magee-Women's Health Corporation	2	325,021	1	298,038	1	26,983	0	0
Medical Diagnostic Research Foundation	1	303,364	1	303,364	0	0	0	0
Membrane Assays, Inc.	1	199,320	1	199,320	0	0	0	0
Octagen Corporation	1	100,000	1	100,000	0	0	0	0
Pennsylvania State University, Milton S. Hershey Medical Center	21	9,679,030	19	8,614,383	1	47,296	1	1,017,351
Pennsylvania State University, University Park	3	801,074	3	801,074	0	0	0	0
Philadelphia College of Osteopathic Medicine	1	218,250	1	218,250	0	0	0	0
PinMed, Inc.	1	99,510	1	99,510	0	0	0	0
Temple University	19	7,172,262	16	6,429,539	2	607,425	1	135,298
Thomas Jefferson University	21	6,993,423	20	6,962,410	1	31,013	0	0
University of Pennsylvania	126	58,516,360	109	53,331,219	15	3,644,231	2	1,540,910
University of Pittsburgh at Pittsburgh	105	53,808,229	90	48,479,111	8	1,306,611	7	4,022,507
Vascor, Inc.	1	327,131	1	327,131	0	0	0	0
Villanova University	1	143,077	1	143,077	0	0	0	0
Wistar Institute	4	1,309,564	4	1,309,564	0	0	0	0
Total Pennsylvania	386	176,418,521	340	162,419,590	33	6,459,940	13	7,538,991
Rhode Island								
BCR Diagnostics, Inc.	1	409,347	1	409,347	0	0	0	0
Brown University	10	4,215,512	9	4,157,511	1	58,001	0	0
Gordon Research Conferences	6	90,000	6	90,000	0	0	0	0
Memorial Hospital of Rhode Island	1	531,499	1	531,499	0	0	0	0
Miriam Hospital	12	3,483,153	10	3,399,109	2	84,044	0	0
Pro-Change Behavior Systems, Inc.	1	315,359	1	315,359	0	0	0	0

Institution	Totals		Grants		Research Training and Career Development		Contracts	
	No.	Dollar	No.	Dollar	No.	Dollar	No.	Dollar
QualityMetric, Inc.	1	99,384	1	99,384	0	0	0	0
Rhode Island Hospital, Providence	6	2,168,454	5	2,125,478	1	42,976	0	0
Roger Williams Hospital	2	574,065	2	574,065	0	0	0	0
Total Rhode Island	40	11,886,773	36	11,701,752	4	185,021	0	0
South Carolina								
Clemson University	2	536,250	2	536,250	0	0	0	0
Medical University of South Carolina	37	14,796,744	33	14,041,997	3	644,178	1	110,569
Organ Recovery Systems, Inc.	2	548,397	2	548,397	0	0	0	0
University of South Carolina at Columbia	12	4,813,397	12	4,813,397	0	0	0	0
Total South Carolina	53	20,694,788	49	19,940,041	3	644,178	1	110,569
South Dakota								
Missouri Breaks Research, Inc.	2	497,512	2	497,512	0	0	0	0
South Dakota Health Research Foundation	2	527,625	2	527,625	0	0	0	0
University of South Dakota	3	913,250	3	913,250	0	0	0	0
Total South Dakota	7	1,938,387	7	1,938,387	0	0	0	0
Tennessee								
Bioinventions, LLC	1	100,000	1	100,000	0	0	0	0
Cumberland Pharmaceuticals, Inc.	1	492,336	1	492,336	0	0	0	0
East Tennessee State University	5	1,155,508	5	1,155,508	0	0	0	0
Meharry Medical College	7	1,461,662	4	1,060,835	3	400,827	0	0
St. Jude Children's Research Hospital	8	7,093,545	6	5,010,443	0	0	2	2,083,102
University of Memphis	3	1,976,094	3	1,976,094	0	0	0	0
University of Tennessee at Knoxville	2	495,950	2	495,950	0	0	0	0
University of Tennessee Health Sciences Center	28	8,677,154	25	7,804,734	2	347,420	1	525,000
Vanderbilt University	73	32,868,385	64	30,123,825	8	2,158,883	1	585,677
Veterans Affairs Medical Center, Memphis	1	2,829,579	0	0	0	0	1	2,829,579
Total Tennessee	129	57,150,213	111	48,219,725	13	2,907,130	5	6,023,358
Texas								
Baylor College of Medicine	92	37,671,776	78	33,183,939	10	2,266,561	4	2,221,276
Baylor Research Institute	1	105,050	1	105,050	0	0	0	0
Cardiovascular Biosciences, Inc.	1	100,000	1	100,000	0	0	0	0
Cooper Institute for Aerobics Research	4	1,879,395	4	1,879,395	0	0	0	0
Indus Instruments	1	100,000	1	100,000	0	0	0	0
Lynntech, Inc.	3	823,182	3	823,182	0	0	0	0
Millar Instruments, Inc.	1	324,397	1	324,397	0	0	0	0
OWLS	1	99,423	1	99,423	0	0	0	0
Prairie View A&M University	0	152,176	0	152,176	0	0	0	0
Rice University	3	777,553	3	777,553	0	0	0	0
Southwest Foundation for Biomedical Research	7	7,816,224	7	7,816,224	0	0	0	0
Texas A&M University Health Science Center	16	4,613,923	15	4,563,375	1	50,548	0	0
Texas A&M University System	3	540,898	3	540,898	0	0	0	0
Texas Engineering Experiment Station	1	639,178	1	639,178	0	0	0	0
Texas Southern University	1	500,000	1	500,000	0	0	0	0

Institution	Totals		Grants		Research Training and Career Development		Contracts	
	No.	Dollar	No.	Dollar	No.	Dollar	No.	Dollar
Texas Technology University Health Sciences Center	3	619,325	3	619,325	0	0	0	0
University of North Texas	1	216,750	1	216,750	0	0	0	0
University of North Texas Health Sciences Center	11	2,968,468	10	2,832,690	1	135,778	0	0
University of Texas at Austin	4	696,186	2	621,750	2	74,436	0	0
University of Texas at Dallas	3	925,003	3	925,003	0	0	0	0
University of Texas at San Antonio	1	328,850	1	328,850	0	0	0	0
University of Texas Health Sciences Center at Houston	34	18,876,547	32	15,476,297	0	0	2	3,400,250
University of Texas Health Sciences Center at San Antonio	22	7,044,007	18	6,171,240	2	320,725	2	552,042
University of Texas Health Sciences Center at Tyler	11	2,757,454	11	2,757,454	0	0	0	0
University of Texas M.D. Anderson Cancer Center	5	1,621,000	5	1,621,000	0	0	0	0
University of Texas Medical Branch Galveston	14	3,622,637	13	3,537,004	1	85,633	0	0
University of Texas–Pan American	0	370,956	0	370,956	0	0	0	0
University of Texas Southwestern Medical Center at Dallas	56	25,550,831	50	24,027,617	5	1,347,270	1	175,944
VidaCare Corporation	1	146,719	1	146,719	0	0	0	0
Total Texas	301	121,887,908	270	111,257,445	22	4,280,951	9	6,349,512
Utah								
Axon Medical, Inc.	1	99,966	1	99,966	0	0	0	0
E.I. Spectra, LLC	1	100,000	1	100,000	0	0	0	0
LDS Hospital	4	2,690,243	2	699,689	0	0	2	1,990,554
Medical Physics, Inc.	1	100,000	1	100,000	0	0	0	0
Thrombodyne, Inc.	1	461,036	1	461,036	0	0	0	0
University of Utah	45	17,577,438	43	17,379,401	2	198,037	0	0
Total Utah	53	21,028,683	49	18,840,092	2	198,037	2	1,990,554
Vermont								
Haematologic Technologies, Inc.	1	99,039	1	99,039	0	0	0	0
Psychological Applications, LLC	1	409,515	1	409,515	0	0	0	0
University of Vermont and State Agricultural College	41	15,179,610	34	13,449,457	5	549,171	2	1,180,982
Total Vermont	43	15,688,164	36	13,958,011	5	549,171	2	1,180,982
Virginia								
Adenosine Therapeutics, LLC	1	624,818	1	624,818	0	0	0	0
American Psychosomatic Society	1	10,000	1	10,000	0	0	0	0
Eastern Virginia Medical School	2	465,605	2	465,605	0	0	0	0
Empirical Technologies Corporation	2	566,780	2	566,780	0	0	0	0
Hampton University	0	98,069	0	98,069	0	0	0	0
Hemodyne, Inc.	1	99,487	1	99,487	0	0	0	0
Hypogen, Inc.	1	153,537	1	153,537	0	0	0	0
NanoSonic, Inc.	1	100,000	1	100,000	0	0	0	0
Personal Improvement Computer Systems	2	747,043	2	747,043	0	0	0	0
Talisman, Ltd.	1	754,040	1	754,040	0	0	0	0
University of Virginia, Charlottesville	61	26,212,857	57	25,261,172	4	951,685	0	0
Virginia Commonwealth University	17	4,952,281	17	4,952,281	0	0	0	0

Institution	Totals		Grants		Research Training and Career Development		Contracts	
	No.	Dollar	No.	Dollar	No.	Dollar	No.	Dollar
Virginia Polytechnic Institute and State University	1	149,206	1	149,206	0	0	0	0
Total Virginia	91	34,933,723	87	33,982,038	4	951,685	0	0
Washington								
Asthma Inc.	1	244,194	1	244,194	0	0	0	0
Barlow Scientific	2	727,103	2	727,103	0	0	0	0
Battelle Pacific Northwest Laboratories	2	2,469,956	2	2,469,956	0	0	0	0
Benaroya Research Institute at Virginia Mason	1	263,250	1	263,250	0	0	0	0
Catch, Inc.	1	338,935	1	338,935	0	0	0	0
Children's Hospital and Medical Center	3	1,839,237	3	1,839,237	0	0	0	0
Ekos Corporation	1	57,514	1	57,514	0	0	0	0
Fred Hutchinson Cancer Research Center	17	38,557,353	15	9,379,311	0	0	2	29,178,042
Group Health Cooperative of Puget Sound	1	782,817	1	782,817	0	0	0	0
Group Health Cooperative of South Central Wisconsin	1	1,252,939	0	0	0	0	1	1,252,939
Institute for Systems Biology	1	121,986	1	121,986	0	0	0	0
Northwest Research Associates, Inc.	2	199,715	2	199,715	0	0	0	0
Pathway Medical Technologies, Inc.	1	479,204	1	479,204	0	0	0	0
Phantoms By Design	2	541,091	2	541,091	0	0	0	0
Puget Sound Blood Center	3	1,013,078	3	1,013,078	0	0	0	0
Seattle Institute for Cardiac Research	1	4,263,755	1	4,263,755	0	0	0	0
Spencer Technologies	1	256,758	1	256,758	0	0	0	0
Therus Corporation	1	412,395	1	412,395	0	0	0	0
University of Washington	121	67,235,169	105	56,073,443	11	3,311,278	5	7,850,448
Washington State University	5	1,663,549	5	1,663,549	0	0	0	0
Total Washington	168	122,719,998	149	81,127,291	11	3,311,278	8	38,281,429
West Virginia								
West Virginia University	8	2,092,198	8	2,092,198	0	0	0	0
Total West Virginia	8	2,092,198	8	2,092,198	0	0	0	0
Wisconsin								
American Society of Gene Therapy	1	10,000	1	10,000	0	0	0	0
Blood Center of Southeastern Wisconsin	10	5,111,134	8	4,686,968	1	187,635	1	236,531
Marquette University	2	436,813	2	436,813	0	0	0	0
Marshfield Clinic	1	3,600,000	0	0	0	0	1	3,600,000
Medical College of Wisconsin	68	30,908,370	61	29,605,608	6	877,762	1	425,000
SpectroCon, LLC	1	343,284	1	343,284	0	0	0	0
University of Wisconsin, Madison	52	22,124,966	46	20,631,378	5	1,368,588	1	125,000
VGSK, LLC	1	125,000	1	125,000	0	0	0	0
WiCell Research Institute	0	134,167	0	134,167	0	0	0	0
Total Wisconsin	136	62,793,734	120	55,973,218	12	2,433,985	4	4,386,531
Puerto Rico								
Ponce School of Medicine	1	123,353	1	123,353	0	0	0	0
Universidad Central del Caribe	0	172,448	0	172,448	0	0	0	0
University of Puerto Rico, Mayaguez	0	158,024	0	158,024	0	0	0	0
University of Puerto Rico, Medical Sciences	1	794,480	1	794,480	0	0	0	0
University of Puerto Rico, Rio Piedras	1	118,406	1	118,406	0	0	0	0
Total Puerto Rico	3	1,366,711	3	1,366,711	0	0	0	0
Total U.S.	5,829	2,611,341,274	5,146	2,244,871,591	472	86,337,318	211	280,132,365

Institution	Totals		Grants		Research Training and Career Development		Contracts	
	No.	Dollar	No.	Dollar	No.	Dollar	No.	Dollar
Argentina								
National University of Cordoba	1	48,928	0	0	1	48,928	0	0
Total Argentina	1	48,928	0	0	1	48,928	0	0
Australia								
ES Cell International Pte Ltd.	0	74,630	0	74,630	0	0	0	0
Howard Florey Institute	1	408,881	1	408,881	0	0	0	0
National Centre/HIV Epidemiology Clinical Research	1	200,000	1	200,000	0	0	0	0
Peter MacCallum Cancer Institute	1	175,000	1	175,000	0	0	0	0
Royal Melbourne Hospital	2	445,000	2	445,000	0	0	0	0
St. Vincent's Hospital, Melbourne	1	216,000	1	216,000	0	0	0	0
University of Melbourne	2	254,000	2	254,000	0	0	0	0
University of Sydney	2	317,600	2	317,600	0	0	0	0
University of Western Australia	1	243,000	1	243,000	0	0	0	0
Victor Chang Cardiac Research Institute	1	83,323	1	83,323	0	0	0	0
Total Australia	12	2,417,434	12	2,417,434	0	0	0	0
Belgium								
Flanders Interuniversity Institute of Biotechnology	1	175,000	1	175,000	0	0	0	0
Free University of Brussels	1	297,000	1	297,000	0	0	0	0
Total Belgium	2	472,000	2	472,000	0	0	0	0
Brazil								
Federal University of Bahia	0	39,000	0	39,000	0	0	0	0
Total Brazil	0	39,000	0	39,000	0	0	0	0
Canada								
Clinical Research Institute of Montreal	1	261,109	1	261,109	0	0	0	0
Hospital for Sick Children, Toronto	4	780,940	3	739,872	1	41,068	0	0
London Health Sciences Center	1	166,613	0	0	0	0	1	166,613
McGill University	1	300,000	1	300,000	0	0	0	0
McMaster University	1	5,169,199	0	0	0	0	1	5,169,199
Ontario Cancer Institute	1	200,000	1	200,000	0	0	0	0
Ottawa Health Research Institute	2	401,602	2	401,602	0	0	0	0
St. Michael's Hospital	1	90,211	1	90,211	0	0	0	0
Sunnybrook and Women's College Health Sciences Center	1	207,578	1	207,578	0	0	0	0
UHN Toronto General Hospital	1	371,418	1	371,418	0	0	0	0
University Health Network	1	200,000	1	200,000	0	0	0	0
University of Alberta	2	240,632	2	240,632	0	0	0	0
University of British Columbia	1	0	0	0	0	0	1	0
University of Calgary	1	283,725	1	283,725	0	0	0	0
University of Montreal	2	299,071	2	299,071	0	0	0	0
University of Toronto	0	80,000	0	80,000	0	0	0	0
Total Canada	21	9,052,098	17	3,675,218	1	41,068	3	5,335,812
China								
Chinese Center, Disease Control and Prevention	0	24,300	0	24,300	0	0	0	0
Total China	0	24,300	0	24,300	0	0	0	0
Finland								
University of Helsinki	1	270,000	1	270,000	0	0	0	0
Total Finland	1	270,000	1	270,000	0	0	0	0
India								
Center for DNA Fingerprinting/Diagnostics	0	39,000	0	39,000	0	0	0	0
Total India	0	39,000	0	39,000	0	0	0	0

Institution	Totals		Grants		Research Training and Career Development		Contracts	
	No.	Dollar	No.	Dollar	No.	Dollar	No.	Dollar
Israel								
Technion-Israel Institute of Technology	2	382,408	1	372,000	1	10,408	0	0
Total Israel	2	382,408	1	372,000	1	10,408	0	0
Italy								
University of Parma	1	369,289	1	369,289	0	0	0	0
Total Italy	1	369,289	1	369,289	0	0	0	0
Netherlands								
Erasmus University of Rotterdam	1	216,000	1	216,000	0	0	0	0
State University at Groningen	1	270,000	1	270,000	0	0	0	0
Total Netherlands	2	486,000	2	486,000	0	0	0	0
Nigeria								
University of Ibadan	0	10,000	0	10,000	0	0	0	0
Total Nigeria	0	10,000	0	10,000	0	0	0	0
Republic of Korea								
Mizmedi Hospital	0	50,000	0	50,000	0	0	0	0
Total Republic of Korea	0	50,000	0	50,000	0	0	0	0
Russia								
Central Institute for Tuberculosis	1	150,000	1	150,000	0	0	0	0
Total Russia	1	150,000	1	150,000	0	0	0	0
Sweden								
Karolinska Institute	2	560,856	2	560,856	0	0	0	0
Uppsala University	1	162,000	1	162,000	0	0	0	0
Total Sweden	3	722,856	3	722,856	0	0	0	0
Thailand								
Chiang Mai University	0	16,200	0	16,200	0	0	0	0
Total Thailand	0	16,200	0	16,200	0	0	0	0
United Kingdom								
Royal Free and University College Medical School	1	216,000	1	216,000	0	0	0	0
University of Bristol	1	484,179	1	484,179	0	0	0	0
University of Cambridge	1	298,256	1	298,256	0	0	0	0
University of Edinburgh	1	200,000	1	200,000	0	0	0	0
University of Leicester	1	47,296	0	0	1	47,296	0	0
University of London National Heart and Lung Institute	1	339,351	1	339,351	0	0	0	0
University of London University College, London	1	288,106	1	288,106	0	0	0	0
University of Oxford	1	41,068	0	0	1	41,068	0	0
University of Southampton	1	265,110	1	265,110	0	0	0	0
Total United Kingdom	9	2,179,366	7	2,091,002	2	88,364	0	0
Total Other	55	16,728,879	47	11,204,299	5	188,768	3	5,335,812
Grand Total	5,884	\$2,628,070,153	5,193	\$2,256,075,890	477	\$86,526,086	214	\$285,468,177