

NATIONAL INSTITUTES OF HEALTH
NIH Roadmap by Initiative
(dollars in thousands)

Title of Initiative	Lead Administrative ICs	FY 2005 Actual	FY 2006 Appropriation	FY 2007 Estimate
<u>New Pathways of Discovery</u>				
Molecular Libraries and Imaging				
Creation of NIH Bioactive Small Molecule Library & Screening Centers	NIMH, NHGRI	\$38,495	\$51,282	\$69,637
Cheminformatics	NHGRI, NLM	5,414	10,395	10,593
Technology Development	NIGMS, NINDS, NHGRI, NIBIB	14,885	21,184	26,075
Development of High-Specificity/High-Sensitivity Imaging Probes	NIGMS	5,336	5,115	5,316
Imaging Probe Database	NCI	500	409	534
Core Synthesis Facility to Produce Imaging Probes	NHLBI	1,980	3,000	3,000
<i>Subtotal, Molecular Libraries and Imaging</i>		<i>66,610</i>	<i>91,385</i>	<i>115,155</i>
Building Blocks, Biological Pathways and Networks				
National Technology Centers&Metabolomics Development	NIDDK, NCRR	14,946	15,494	16,098
Metabolomics Technology Development	NIDDK, NCRR	13,856	13,816	3,950
Standards and Reagents for Proteomics	NCRR, NIDDK, NHGRI	100	494	0
Assessment of Critical Reagents for Proteomics	NCRR, NHGRI	100	494	0
<i>Subtotal, Building Blocks, Biological Pathways and Networks</i>		<i>29,002</i>	<i>30,298</i>	<i>20,048</i>
Structural Biology				
Centers for Innovation in Membrane Protein Production	NIGMS	9,898	4,869	4,876
Membrane Protein Production and Structure Determination	NIGMS	0	5,000	5,000
<i>Subtotal, Structural Biology</i>		<i>9,898</i>	<i>9,869</i>	<i>9,876</i>
Bioinformatics and Computational Biology				
National Centers for Biomedical Computing	NIGMS	23,755	23,685	23,703
Nanomedicine				
Conceptual Planning for Nanomedicine Development Centers	NEI	0	0	0
Nanomedicine Development Centers	NEI	5,939	11,843	11,851
<i>Subtotal, Nanomedicine</i>		<i>5,939</i>	<i>11,843</i>	<i>11,851</i>
<i>Subtotal, New Pathways of Discovery</i>		<i>135,204</i>	<i>167,080</i>	<i>180,633</i>
<u>Research Teams of the Future</u>				
Interdisciplinary Research				
Interdisciplinary Research Centers	NCRR	12,365	11,499	39,945
Interdisciplinary Research Training Initiative	NIDDK, OBSSR, NIGMS	10,888	14,404	15,150
Innovation in Interdisciplinary Technology and Methods	OD/OBSSR	3,669	150	3,050
Removing Structural Barriers to Interdisciplinary Research	CSR, OD/OER	0	0	0
Using the NIH Intramural Research Program as a Model for Research	OD/OIR	0	0	0
Interagency Conference on the Interface of Life Sciences and Physical Sciences	NIDCR	0	0	0
<i>Subtotal, Interdisciplinary Research</i>		<i>26,922</i>	<i>26,053</i>	<i>58,145</i>
High-risk Research				
NIH Director's Pioneer Awards	NIGMS	16,217	17,063	21,885
Public-Private Partnerships				
Designation of a Central Point of Contact	OD	0	444	450
High-Level Science Driven Partnership Meetings	OD	0	110	110
<i>Subtotal, Public Private Partnerships</i>		<i>0</i>	<i>554</i>	<i>560</i>
<i>Subtotal, Research Teams of the Future</i>		<i>43,139</i>	<i>43,670</i>	<i>80,590</i>
<u>Re-engineering the Clinical Research Enterprise</u>				
Clinical Research Policy Analysis and Coordination	OD/OSP	2,858	3,000	3,100
Feasibility of Integrating and Expanding Clinical Research Networks	NHLBI	18,543	31,434	34,614
Translational Research Core Services	NIDDK	1,315	5,600	8,200
Dynamic Assessment of Patient-Reported Chronic Disease Outcomes	NIAMS	6,319	6,200	6,200
Regional Translational Research Centers	NCCAM	108	0	0
Enhance Clinical Research Training via the National Multi-disciplinary CR Career Development Program and CRTP and MSTP Expansions	NICHD, OD/OIR, NICHD	31,498	1,425	1,400
Create a National Clinical Research Associates Program	NICHD	70	170	10,000
Clinical and Translational Science Awards	NICHD	0	70,402	117,936
<i>Subtotal, Re-engineering the Clinical Research Enterprise</i>		<i>60,711</i>	<i>118,231</i>	<i>181,450</i>
<i>Dedicated Roadmap Administration</i>		<i>662</i>	<i>481</i>	<i>0</i>
Total Roadmap		239,716	329,462	442,673