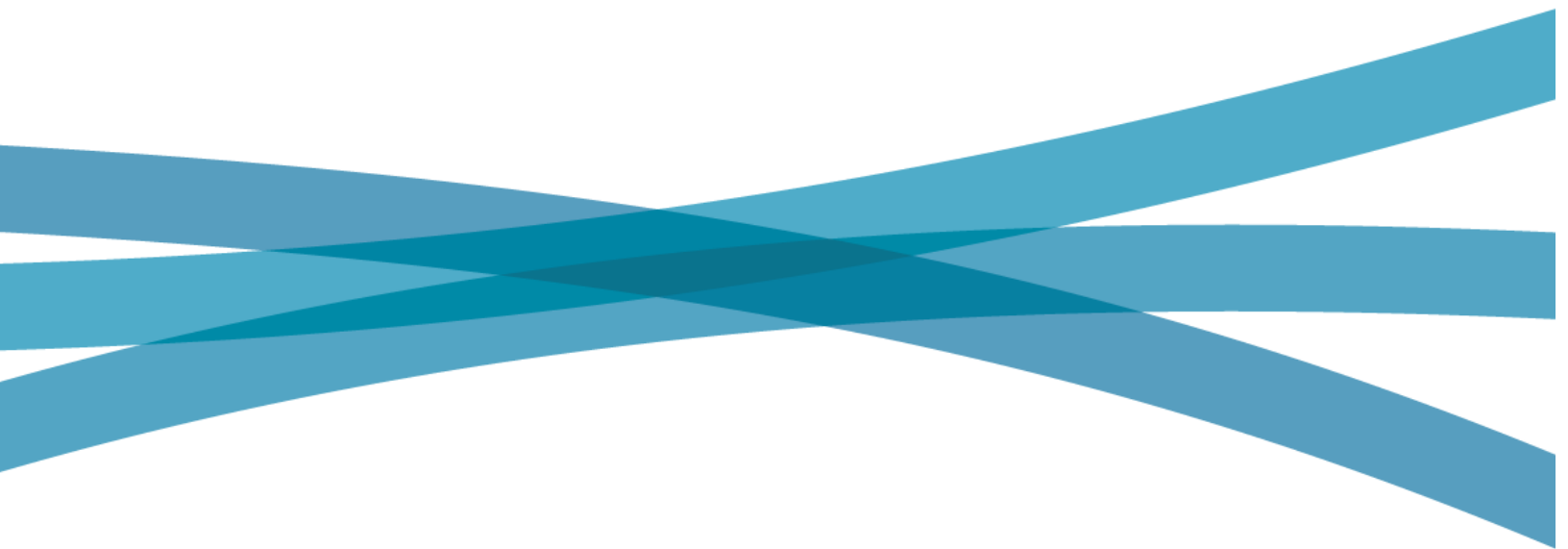


CAREER INFORMATION FROM THE EARNED DOCTORATE SURVEY

June 2015 Survey Results



Earned Doctorate Survey Career Information Report

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Welcome to the CAREER INFORMATION FROM THE 2015 EARNED DOCTORATE SURVEY.

We have taken career related information from the Earned Doctorate Survey and published this in a brief report for the MIT community and partners. In 2009, we began using the Earned Doctorate Survey to collect destination information for all PhDs. Employer and salary information about PhDs, prior to 2009, can be found in the Graduating Student Survey, <http://gecd.mit.edu/resources/data>. A special thanks to Jake Livengood who worked on this report. Any questions about the survey and results can be directed to Deborah Liverman, liverman@mit.edu or Jake Livengood, livngood@mit.edu.

ABOUT THE EARNED DOCTORATE SURVEY

The Earned Doctorate Survey is administered by Institutional Research, Office of the Provost at MIT. All information about the Earned Doctorate, including purpose, method, format, and past reports can be found on the Institutional Research Earned Doctorate Survey Information webpage, <http://web.mit.edu/ir/surveys/docexit.html>.

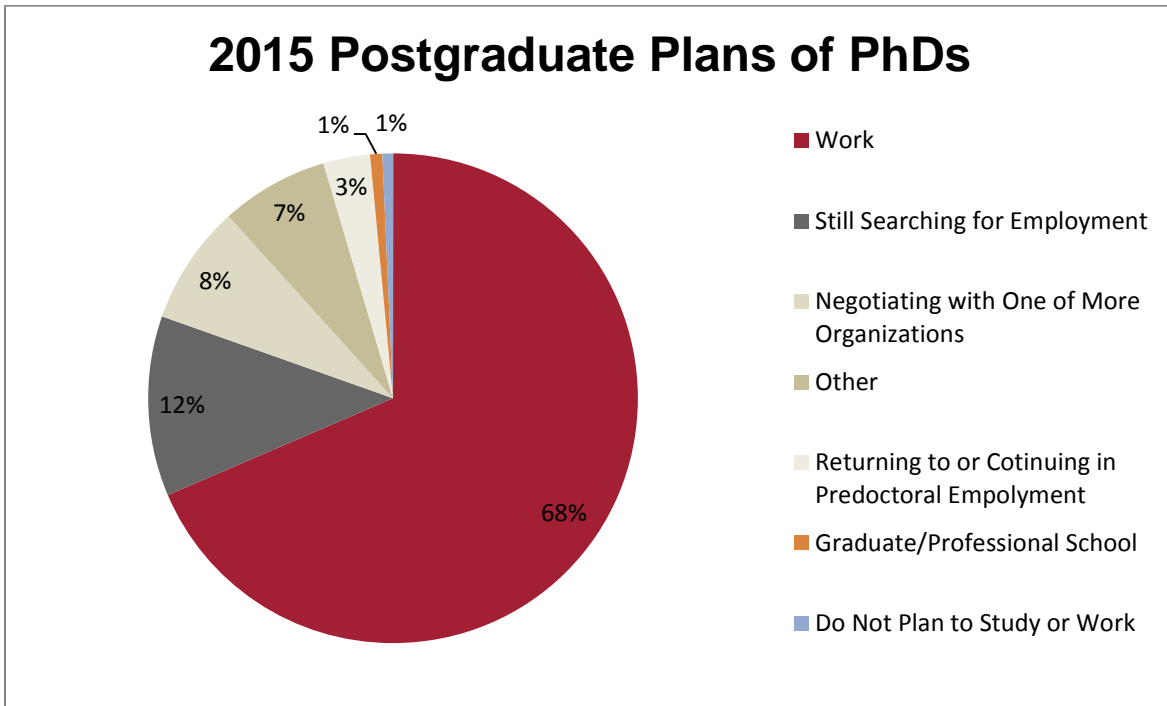
2015 MIT POST GRADUATION STATISTICS*

*Based upon 499 (83%) response rate to the 2015 Earned Doctorate Survey

WHAT IS THE STATUS OF YOUR POSTGRADUTE PLANS?*

POSTGRADUATE PLANS	%
Work	68.6%
Graduate/Professional School	0.8%
Negotiating with one or more specific organizations	7.9%
Still Searching for Employment	11.9%
Other	7.1%
Returning to or continuing in predoctoral employment	3.1%
Do not plan to work or study	0.6%

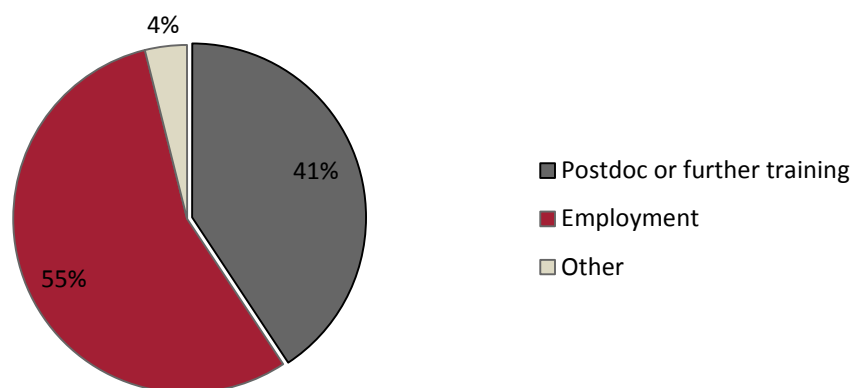
**Other includes taking time off, traveling, and etc.*



WHAT BEST DESCRIBES YOUR POSTGRADUATE PLANS?

PLANS	%
Postdoc or further training	40.7%
Employment	55.4%
Other	3.9%

2015 Postgraduate Plans for those Working



HOW 2015 PHDS FOUND THEIR JOBS?*

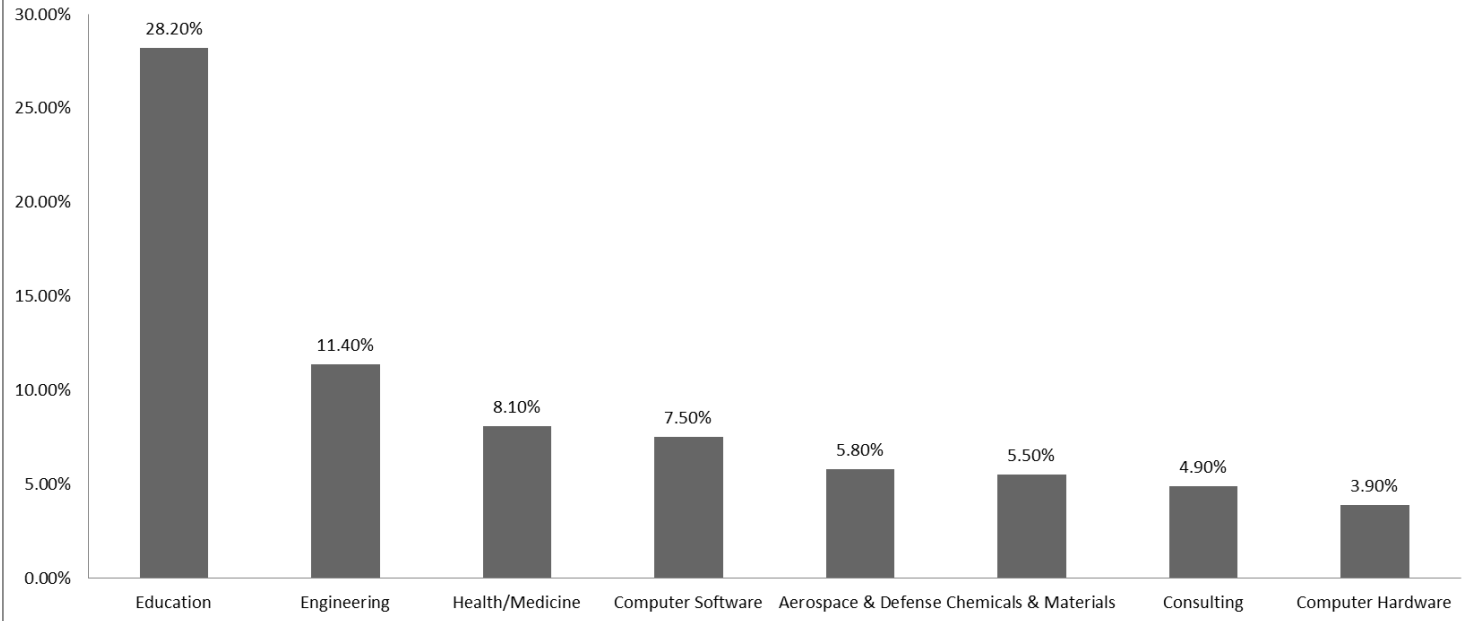
How Phd Found Job	%
Networking	40.2%
Directly applied to employer	37.8%
Through Department (faculty, academic administrator)	23.5%
On-campus recruiting (CareerBridge)	14.3%
Career Fair	13.7%
External advertised job listing (on-line, print)	12.8%
Professional Conference	11.6%
Internship led to job offer	11.3%
MIT Sponsored Job Listings, Employer Database, INET	3.0%
Contacts acquired through MIT Career Services	0.6%

*Multi-select answers and so the total will add up to more than 100%

2015 INDUSTRIES FOR PHDS

Industry	%
Education	28.2%
Engineering	11.4%
Computer Software	7.5%
Health/Medicine	8.1%
Consulting	4.9%
Chemicals & Materials	5.5%
Aerospace & Defense	5.8%
Computer Hardware	3.9%
Energy and Utilities	3.2%
Pharmaceuticals	3.2%
Government	2.9%
Financial Services	1.9%
Investment Banking	1.9%
Industrial and Consumer Manufacturing	1.0%
Military	1.0%
Business Services (Advertising, Real Estate, Retail)	0.3%
Automotive & Transportation	0.0%
Other Industries not Represented in the Above Categories	7.5%

2015 Top Industries for PhDs



WHICH EMPLOYERS HIRED THE MOST MIT PHD GRADUATES?

PhD Level Employers	# Hires
MIT	37
Harvard	9
University of California, Berkeley	9
Stanford University	7
Columbia University	6
Google	6
Oracle	4
University of Chicago	4
Exponent	4
Facebook	4
University of California, Los Angeles	4
Goldman Sachs	3

Lam Research	3
Massachusetts General Hospital	3
MIT Lincoln Lab	3
Princeton University	3
University of Illinois at Urbana-Champaign	3

FOR THOSE WHO INTEND TO LIVE IN THE UNITED STATES, IN WHAT STATE DO YOU INTEND TO LIVE AFTER GRADUATION? N=437

State	%
Massachusetts	41.9%
California	20.8%
New York	6.9%
Washington	3.0%
Illinois	2.5%
Maryland	2.1%
Texas	2.1%
District of Columbia	1.6%
New Jersey	1.6%

FOR THOSE WHO DO NOT PLAN TO LIVE IN THE UNITED STATES, IN WHAT COUNTRY DO YOU INTEND TO LIVE AFTER GRADUATION? N=53

Country	%
Canada	15.1%
Singapore	15.1%
South Korea	11.3%
Switzerland	11.3%
Taiwan	5.7%
United Kingdom	5.7%
France	3.8%
Germany	3.8%
China	3.8%

PERCENTAGE OF PHD GRADUATES THAT COMPLETED AN INTERNSHIP WHILE IN THEIR CURRENT PROGRAM

YES	NO	DON'T KNOW
30.8%	69.2%	0%

WHAT PERCENTAGE OF PHD GRADUATES HAD A LEADERSHIP EXPERIENCE?

YES	NO	DON'T KNOW
47.0%	47.2%	5.8%

WHAT WAS THE PERCENTAGE OF PHD GRADUATES WITH SERVICE EXPERIENCE?

YES	NO	DON'T KNOW
39.2%	53.7%	7.1%

WHAT BEST DESCRIBES YOUR POSTGRADUATE PLANS?

Numbers of respondents are in the column titled “total”

Course (Course Number)	Postdoc or Further Training	Employment	Other	Total
Civil and Environmental Engineering (1)	6	10	0	16
Mechanical Engineering (2)	23	33	-	56
Materials Science and Engineering (3)	6	18	0	24
Architecture (4)	4	7	0	11
Chemistry (5)	23	10	0	33
EECS- (6)	26	65	4	95
Biology (7)	16	13	1	29
Physics (8)	19	9	0	28
Brain and Cognitive Sciences (9)	6	2	0	8
Chemical Engineering (10)	8	14	0	22
Urban Studies and Planning (11)	2	5	0	7
Earth, Atmospheric and Planetary Sciences (12)	8	5	0	13
Economics (14)	4	5	0	9
Sloan School of Management (15)	1	10	0	11
Aeronautics and Astronautics (16)	4	18	0	22
Political Science (17)	3	3	0	6
Mathematics (18)	13	6	0	19
Biological Engineering (20)	4	7	1	12
Nuclear Science and Engineering (22)	6	7	0	13
Linguistics and Philosophy (24)	1	0	0	1
Computational and Systems Biology [CSB]	4	2	0	6
Engineering Systems Division [ESD]	1	7	0	8
Health, Science, and Technology [HST]	4	6	0	10
Media Arts and Sciences [MAS]	3	8	0	11
Operations Research	2	9	0	11

2015 PhD EMPLOYERS BY DEPARTMENT

* Results are based on reported data and not representative of all employers who hire MIT students by department.

Course (Course Number)	Employers
Civil & Environmental Engineering (1)	CMT, Columbia University (Mailman School of Public Health) Gradient , Manhattan College, MIT ,Saudi Aramco
Mechanical Engineering (2)	Apple Inc., ARPA-E, US Department of Energy, ASML, Bioinstrumentation Lab, Bose Corporation, Creare, LLC, EPFL, Escape Dynamics, Exponent ,Georgia Tech, Global Foundry, GobySoft, LLC, Johns Hopkins Applied Physics Lab, MIT,MIT (LAMSS),MIT (Professor Lienhard's Lab),Samsung ,Electronics, Singapore University of Technology and Development, Space Exploration Technologies, SPAWAR CENTER PACIFIC, UC Santa Barbara ,United Technologies Corporation (UTC),University of Pittsburgh ,US Coast Guard Academy, US Navy, UT Austin, Yale University
Materials Science and Engineering (3)	Boston Consulting Group, Caltech, Corning, Inc., Embr Labs, Huawei, Korea Institute of Technology, Lam Research, LiquiGlide Inc, LiveRamp, Northrop Grumman, UC Berkeley, Wolf Greenfield
Architecture (4)	ETH MIT, Syracuse University, University of Sydney
Chemistry (5)	Accenture, Boston University (Prof. Lawrence D. Ziegler) , California Institute of Technology, Clearview Healthcare Partners, Columbia University, Dow Chemical Company, Harvard University, JILA,MIT,MIT (Chemistry Dept.), University of Illinois- Urbana/Champagne (Prof. Wilfred van der Donk), Putnam Associates, Scripps Research Institute, University of California Berkeley, University of California, Berkeley (Prof. Jeffrey Long), University of California- Los Angeles, University of Muenster-Germany, University of Washington
Electrical Engineering and Computer Science (6)	Analog Devices, Argonne National Laboratory, BlackRock, Cambridge Electronics, Citadel LLC, Columbia University, Databricks Inc.,Duke-NUS Medical School, Facebook, GeriJoy Inc., GoDaddy, Goldman Sachs, Google, IBM TJ Watson Research Center, Julia Computing, Lam Research, Lawrence Livermore National Laboratory, Los Alamos National Laboratory, Massachusetts General Hospital, MediaTek, Microsoft Research, MIT,MIT Lincoln Laboratory, Northwestern University, Oracle, Pure Storage, SanDisk, Shell, SRI International, Stanford University, University of California, Berkeley, University of Hamburg, Weiss Asset Management, WiTricity Corp
Biology (7)	Agency for Science Technology and Research (A*STAR), AbVitro, Boston Consulting Group, Children's Hospital, Ecole Polytechnic Federale Lausanne, Flagship VentureLabs, Fred Hutchinson Cancer Research Center, Harvard Medical School, InsideSales.com, Johns Hopkins University School of Medicine, MIT, NOAA SeaGrant Knauss Fellowship, Novartis Institutes for Biomedical Research, OpenBiome, Stanford University, University of Rhode Island Graduate School of Oceanography, University of Toronto, UT Southwestern Medical Center, Yumanity Therapeutics
Physics (8)	Analog Devices, Inc., EnerNOC, Fermi National Accelerator Laboratory, Goldman Sachs, Harvard Society of Fellows, Kensho, Lawrence Livermore National Laboratory, Los Alamos National Laboratory, MIT, National Institute of Standards and Technology, Oracle, Princeton University, Sandia National Laboratories, SLAC National Accelerator Laboratory, University of California-Los Angeles Medical School, University of California- Berkeley, University of Chicago, University of Maryland

Course (Course Number)	Employers
Brain and Cognitive Sciences (9)	Allen Institute for Brain Science, Beth Israel Deaconess Medical Center, Harvard University (Department of Psychology),Harvard University, NYU
Chemical Engineering (10)	Air Products, Aramco Services Company, Eli Lilly, Exponent, Exxon Mobil Research & Engineering, Genzyme, Harvard University, Harvard University Medical School (Church Lab), Lyndra, M.D. Anderson Cancer Center MIT,NIST, Praxair, Rose Hulman Institute of Technology, SQZ Biotech, Stanford University, Wyss Institute for Biologically Inspired Engineering,
Urban Studies and Planning (11)	Princeton University, SMART, University of California, Santa Barbara
Earth, Atmospheric and Planetary Sciences (12)	Columbia University, ETH Zürich, Lamont-Doherty Earth Observatory at Columbia University, MIT, United States Geological Survey, University of Arizona, Weizmann Institute of Science
Economics (14)	Cornerstone Research, Federal Reserve, Goldman Sachs, Inter-American Development Bank, Princeton University, University of California at Berkeley (Haas School of Business),University of Chicago, University of Florida
Management (15)	Boston University (Questrom School of Business),Stanford University, University of Hong Kong, University of Illinois at Urbana-Champaign, University of Maryland, College Park, University of Michigan, Yale University
Aeronautics and Astronautics (16)	Accion Systems Inc., Amazon, Draper Laboratory, Duke University, Istanbul Technical University, MIT,NASA (Universities Space Research Association),Northrop Grumman, NuVu Studio, OneWeb, Tufts University (Center for Engineering Education and Outreach), University of Illinois Urbana-Champaign
Political Science (17)	Brown University, RAND Corporation, Sichuan University, Vanderbilt University,
Mathematics (18)	Institute for Advanced Study, Institute for Computational and Experimental Research in Mathematics, Oxford University, Princeton University, Quantlab Financial LLC, Simons Institute and Institute for Advanced Study, Stanford University, Tech Square Trading, Teza Technologies, Tower Research Capital, University of California –Los Angeles, University of California at Irvine, University of Cambridge, University of Copenhagen, University of North Carolina, University of Utah
Biological Engineering (20)	ChiangMai University Flagship Ventures, MIT (David Housman) ,Navigant Consulting, Pasteur Institute
Nuclear Engineering (22)	Bechtel Marine Propulsion Corporation Idaho National Laboratory, MIT, RapidSOS, Structural Integrity Associates, TerraPower, University of California-Los Angeles, University of Delaware, US Department of Defense,
Linguistics and Philosophy (24)	McGill University
Computational Systems Biology [CSB]	Apple Inc., Boston Children's Hospital, MIT (Professor Eric Alm) ,Schrodinger
Engineering Systems Division [ESD]	Aurora Flight Sciences, McKinsey & Co., Rochester Institute of Technology, University of Waterloo
Health Sciences and Technology [HST]	Aeronaut Brewing Co. ,Agency for Science, Technology and Research (ASTAR), Akili Interactive, Exponent ,Immuneering Corporation, Roche Sequencing, Space Exploration
Media Arts and Sciences [MAS]	Google, Janelia Farm Research Campus, MIT ,NYU, Stanford University
Science, Technology, & Society [STS]	
Operations Research	Columbia University, Cornell University, End-to-End Analytics, Facebook, Harvard University Business School ,INSEAD, Munich Re, Singapore Management University, Zillow

2015 MIT EMPLOYERS OF PHD GRADUATES

*Some companies made more than 1 hire but are only represented once on the charts below.

A*STAR	Duke University	Korea Institute of Technology	Samsung Electronics	University of Maryland
AbVitro	Duke-NUS medical school	Lam Research	Sandia National Laboratories	University of Maryland, College Park
Accenture	Ecole Polytechnic Federale Lausanne	Lamont-Doherty Earth Observatory (Columbia University)	SanDisk	University of Michigan
Accion Systems Inc.	Eli Lilly	Lawrence Livermore National Laboratory	Saudi Aramco	University of Muenster, Germany
Aeronaut Brewing Co.	embr labs	LiquiGlide Inc	Schrodinger	University of North Carolina
Agency for Science, Technology and Research	End-to-End Analytics	LiveRamp	Scripps Research Institute	University of Pittsburgh
Air Products	EnerNOC	Los Alamos National Laboratory	Shell International Exploration and Production	University of Sydney
Akili Interactive	EPFL	Lyndra	Sichuan University	University of Toronto
Allen Institute for Brain Science	Escape Dynamics, Inc	M.D. Anderson Cancer Center	Singapore Management University	University of Utah
Amazon	ETH	Massachusetts General Hospital	Singapore University of Technology and Development	University of Washington
Analog Devices, Inc.	Exponent	McGill University	SLAC National Accelerator Laboratory	University of Waterloo
Aramco Services Company	ExxonMobil Research & Engineering	McKinsey & Co.	SMART	University System of Maryland
Argonne National Laboratory	Facebook	MediaTek	Space Exploration Technologies	US Coast Guard Academy
ARPA-E, US Dept of Energy	Federal Reserve	Microsoft Research	SPAWAR CENTER PACIFIC	US Department of Defense
ASML	Fermi National Accelerator Laboratory	MIT	SQZ Biotech	US Navy
Aurora Flight Sciences	Flagship Ventures	Munich Re	SRI International	UT Austin
Bechtel Marine Propulsion Corporation	Fred Hutchinson Cancer Research Center	NASA	Stanford University	UT Southwestern Medical Center
Beth Israel Deaconess Medical Center	Genzyme	National Institute of Standards and Technology	Structural Integrity Associates	Vanderbilt University
BioInstrumentation Lab	Georgia Tech University	Navigant Consulting	Syracuse University	Weiss Asset Management
BlackRock	GeriJoy Inc.	NIST	Tech Square Trading	Weizmann Institute of Science
Bose Corporation	Global Foundry	NOAA SeaGrant Knauss Fellowship	TerraPower	WiTricity Corp
Boston Children's	GobySoft, LLC	Northrop Grumman	Teza Technologies	Wolf Greenfield

Hospital				
Boston Consulting Group	GoDaddy	Northwestern University	Tower Research Capital	Wyss Institute
Boston University	Goldman Sachs	Novartis Institute	Tufts University	Yale University
Brown University	Google	NuVu Studio	U.S. Geological Survey	Yumanity Therapeutics
Caltech	Gradient Co	NYU	UC Berkeley, Haas School of Business,	Zillow
Cambridge Electronics	Harvard University	OneWeb	UC Berkeley, Prof. Jeffrey Long	UT Southwestern Medical Center
ChiangMai University	Huawei	OpenBiome	UC Santa Barbara	Vanderbilt University
Children's Hospital	IBM TJ Watson Research center	Oracle	United Technologies Corporation (UTC)	Weiss Asset Management
Church Lab, Harvard Medical School	Idaho National Laboratory	Oxford	University of Arizona	Weizmann Institute of Science
Citadel LLC	Immuneering Corporation	Pasteur Institute	University of California at Irvine	WiTricity Corp
Clearview Healthcare Partners	INSEAD	Praxair	University of California, Berkeley	Wolf Greenfield
CMT	InsideSales.com	Princeton	University of California, Los Angeles	Wyss Institute for Biologically Inspired Engineering
Columbia University	Institute for Advanced Study	Princeton University	University of Cambridge	Yale University
Cornell University	Institute for Computational and Experimental Research in Mathematics	Pure Storage	University of Chicago	Yumanity Therapeutics
Cornerstone Research	Inter-American Development Bank	Putnam Associates	University of Colorado, Boulder-JILA	Zillow
Corning, Inc.	Istanbul Technical University	Quantlab Financial LLC	University of Copenhagen	
Creare, LLC	Janelia Farm Research Campus	RAND Corporation	University of Delaware	
Databricks Inc	Johns Hopkins Applied Physics Lab	RapidSOS	University of Florida	
Dow Chemical Company	Johns Hopkins University School of Medicine	Roche Sequencing	University of Hamburg	
Draper Laboratory	Julia Computing	Rochester Institute of Technology	University of Hong Kong	
Corning, Inc.	Kensho	Rose Hulman Institute of Technology	University of Illinois at Urbana-Champaign	

2015 EMPLOYERS OF INTERNATIONAL PHD GRADUATES

*Some companies made more than 1 hire but are only represented once on the charts below.

Agency for Science, Technology and Research	Fred Hutchinson Cancer Research Center	McKinsey & Co.	University of California, Los Angeles
Air Products	GeriJoy Inc.	MediaTek	University of California, Irvine
Amazon	Global Foundry	Microsoft Research	University of California, Santa Barbara
Analog Devices, Inc.	GoDaddy	MIT	University of Cambridge
Apple Inc.	Goldman Sachs	Munich Re	University of Chicago
Aramco Services Company	Google Inc.	NASA	University of Copenhagen
Argonne National Laboratory	Harvard Society of Fellows	Navigant Consulting	University of Delaware
BlackRock	Harvard University	Northwestern University	University of Florida
Bose Corporation	Huawei	Oracle	University of Hong Kong
Boston Consulting Group	IBM TJ Watson Research center	Oxford	University of Illinois Urbana-Champaign
Boston University	Institute for Advanced Study	Praxair	University of Maryland
Brown University	Inter-American Development Bank	Princeton University	University of Maryland, College Park
ChiangMai University	Istanbul Technical University	Quantlab Financial LLC	University of Pittsburgh
Citadel LLC	JILA	Samsung Electronics	University of Sydney
Columbia University	Korea Institute of Technology	Saudi Aramco	University of Toronto
Corning, Inc.	Lam Research	Scripps Research Institute	University of Utah
Databricks Inc	Lamont-Doherty Earth Observatory	Singapore Management University	University of Waterloo
Duke University	LiquiGlide Inc	SMART	UT Austin
EPFL	Los Alamos National Laboratory	Stanford University	WiTricity Corp
ETH Zürich	Manhattan college	Tech Square Trading	Wyss Institute for Biologically Inspired Engineering
Facebook	Massachusetts General Hospital	Teza Technologies	Yale University
Federal Reserve	McGill University	University of California, Berkeley	

WHAT WAS THE AVERAGE SALARY OF WORKING MIT PHD GRADUATES?

	Mean Salary	Median Salary	Salary Range
PhD going into postdoctoral positions	\$62,750	\$52,000	\$4,000-\$115,000
PhD going on to other positions	\$117,922	\$110,000	\$10,000-\$325,000

WHAT WAS THE AVERAGE BONUS (FOR THOSE RECEIVING BONUS) OF WORKING MIT PHD GRADUATES?

\$23,965/ \$2,000-\$175,000

WHAT PERCENTAGE OF WORKING GRADUATES NEGOTIATED THEIR SALARY AND BONUS?

	Negotiated Salary	Negotiated Bonus
Doctorate	25.6%	22.0%

WHAT WAS THE AVERAGE NEGOTIATED INCREASE IN SALARY AND BONUS OF WORKING GRADUATES?

	Average Increase in Salary	Average Increase in Bonus
Doctorate	\$11,783	\$19,768

WHAT IS THE AVERAGE NUMBER OF JOB APPLICATIONS, JOB INTERVIEWS, AND JOB OFFERS?

	Job Applications	Job Interviews	Job Offers
Doctorate	7.8	4.9	3.1

**2015 AVERAGE SALARY BY COURSE FOR PHDS GOING INTO POSTDOCTORAL
(US DOLLARS)**

The numbers of respondents are in columns titled N# after each salary amount. Blanks represent less than 1 response.

Course (Course Number)	Salary	N#
Civil and Environmental Engineering (1)	\$48,000	4
Mechanical Engineering (2)	\$54,272	12
Materials Science and Engineering (3)	\$53,500	2
Architecture (4)	\$65,000	2
Chemistry (5)	\$45,000	16
EECS (6)	\$66,200	14
Biology (7)	\$48,472	12
Physics (8)	\$64,340	15
Brain and Cognitive Sciences (9)	\$47,200	4
Chemical Engineering (10)	\$56,833	6
Urban Studies and Planning (11)	-	-
Earth, Atmospheric and Planetary Sciences (12)	\$62,157	6
Economics (14)	\$110,000	2
Sloan School of Management (15)	-	-
Aeronautics and Astronautics (16)	\$54,000	4
Political Science (17)	\$59,333	3
Mathematics (18)	\$60,909	11
Biological Engineering (20)	\$40,000	2
Nuclear Science and Engineering (22)	\$58,000	5
Computational and Systems Biology [CSB]	\$49,666	3
Engineering Systems Division [ESD]	-	-
History, Anthropology, and Science, Technology and Society [HASTS]	\$64,000	2
Health, Science, and Technology [HST]		
Media Arts and Sciences [MAS]	46,500	2
Microbiology	-	-
Operation Research	-	-
Linguistics and Philosophy (24)	-	-
Woods Hole Oceanographic Institution	-	-

**2015 AVERAGE EMPLOYMENT SALARY BY COURSE FOR PHDS GOING INTO OTHER POSITIONS
(US DOLLARS)**

The numbers of respondents are in columns titled N# after each salary amount. Blank represents less than 1 response.

Course (Course Number)	Salary	N#	Bonus	N#
Civil and Environmental Engineering (1)	\$90,714	7	-	-
Mechanical Engineering (2)	\$98,687	16	\$12,928	7
Materials Science and Engineering (3)	\$102,062	8	-	-
Architecture (4)	\$80,000	2	-	-
Chemistry (5)	\$98,000	5	\$8,750	4
EECS (6)	\$137,400	35	26,869	23
Biology (7)	\$93,285	7	-	-
Physics (8)	\$103,500	6	21,666	3
Brain and Cognitive Sciences (9)	-	-	-	-
Chemical Engineering (10)	\$102,000	8	\$9,000	2
Urban Studies and Planning (11)	\$62,000	2	-	-
Earth, Atmospheric and Planetary Sciences (12)	-	-	-	-
Economics (14)	\$167,666	6	40,000	2
Sloan School of Management (15)	\$131,800	6	-	-
Aeronautics and Astronautics (16)	\$95,272	11	\$16,000	2
Political Science (17)	\$80,000	2	-	-
Mathematics (18)	\$204,000	5	58,000	5
Biological Engineering (20)	\$48,000	3	-	-
Nuclear Science and Engineering (22)	\$98,900	5	3750	2
Computational and Systems Biology [CSB]	-	-	-	-
Engineering Systems Division [ESD]	\$112,000	4	-	-
History, Anthropology, and Science, Technology and Society [HASTS]	-	-	-	-
Health, Science, and Technology [HST]	101,125	4	-	-
Media Arts and Sciences [MAS]	\$88,333	3	-	-
Microbiology	-	-	-	-
Operations Research	\$145,142	7	\$23,400	5
Linguistics and Philosophy (24)	-	-	-	-
Woods Hole Oceanographic Institution	-	-	-	-

2015 AVERAGE EMPLOYMENT SALARY BY INDUSTRY FOR PHDS

Industry	# of Offers	Employers	Salary Range	Average Salary
Aerospace & Defense	16	Accion Systems Inc., Aurora Flight Sciences, Creare, LLC, Draper Laboratory, Escape Dynamics, Inc, Johns Hopkins Applied Physics Lab, NASA Ames/NASA Goddard/BAERI, Northrop Grumman, OneWeb, RAND Corporation, Space Exploration Technologies, SPAWAR CENTER PACIFIC, United Technologies Corporation (UTC)	\$70,000 - \$120,000	\$99,738
Architecture & Urban Planning	1	ETH Zurich	-	-
Automotive & Transportation	1	General Motors	-	-
Business Services (Advertising, Real Estate, Retail)	1	Zillow	-	-
Chemicals & Materials	5	Chemicals & Materials	\$85,000 - \$120,000	\$100,400
Computer Hardware	6	Analog Devices, Apple Inc., Cambridge Electronics, CMT, Embr Labs, Global Foundry, Lam Research, MediaTek, Oracle, SanDisk	\$90,000 - \$140,000	\$116,000
Computer Software	21	Apple Inc., Databricks Inc., Facebook, GoDaddy, Google, IBM TJ Watson Research Center, InsideSales.com, Julia Computing, LiveRamp, Microsoft Research, Oracle, Pure Storage, RapidSOS	\$105,000 - \$215,000	\$145,211
Consulting	15	Accenture, Boston Consulting Group, Clearview Healthcare Partners, Cornerstone Research, End-to-End Analytics, Exponent, GobySoft, LLC, Gradient Co, McKinsey & Co., Navigant Consulting, Putnam Associates	\$75,000 - \$175,000	\$113,286
Education (postdoc)	140	Agency for Science, Technology and Research (A*STAR), Argonne National Laboratory, Beth Israel Deaconess Medical Center, BioInstrumentation Lab, Boston Children's Hospital, Boston University, Brown University, California Institute of Technology, Children's Hospital, Columbia University, Columbia University, Mailman School of Public Health; Cornell University, Duke University, Duke-NUS Medical School, Ecole Polytechnic Federale Lausanne, ETH Zürich, Fermi National Accelerator Laboratory, Fred Hutchinson Cancer Research Center, Genzyme, Georgia Tech University, Harvard Department of Psychology, Harvard Medical School, Harvard Society of Fellows, Harvard University, Institute for Advanced Study, Institute for Computational and Experimental	\$30,500 - \$115,000	\$56,645

Industry	# of Offers	Employers	Salary Range	Average Salary
		<p>Research in Mathematics, Howard Hughes Medical Institute - Janelia Farm Research Campus, JILA, Johns Hopkins Applied Physics Lab, Johns Hopkins University School of Medicine, Lam Research, Lawrence Livermore National Laboratory, Los Alamos National Laboratory, M.D. Anderson Cancer Center, Massachusetts General Hospital Cancer Center, Massachusetts General Hospital, McGill University, MIT, National Institute of Standards and Technology, Novartis Institutes for Biomedical Research, Inc, NYU, Oxford, Pasteur Institute, Princeton University, RAND Corporation, Schrodinger, Scripps Research Institute, Simons Institute and Institute for Advanced Study, Singapore University of Technology and Development, SLAC National Accelerator Laboratory, SRI International, Stanford University, Tufts University Center for Engineering Education and Outreach, U.S. Geological Survey, UCLA, UCLA Medical School, University of Arizona, University of California, Los Angeles; University of California at Berkeley, Haas School of Business; University of California, Irvine; University of California, Berkeley; University of California, Los Angeles; University of Cambridge, University of Chicago, University of Copenhagen, University of Delaware, University of Hamburg, University of Illinois at Urbana-Champaign, University of Maryland, University of Muenster, Germany, University of North Carolina, University of Rhode Island Graduate School of Oceanography, University of Texas, Austin; University of Toronto, University of Utah, University of Washington, University System of Maryland, Vanderbilt University, Wyss Institute for Biologically Inspired Engineering, Yale University</p>		
Education (nonpostdoc)	38	<p>Boston University Questrom School of Business, Brown University, Columbia University, Harvard Business School, INSEAD, Istanbul Technical University, Korea Institute of Technology, Manhattan College, MIT, Northwestern University, NuVu Studio, NYU, Rochester Institute of Technology, Rose Hulman Institute of Technology, Sichuan University, Singapore Management University, SMART, Stanford University, Syracuse University, University of California, Berkeley; University of California, Santa Barbara; University of Chicago, University of Florida, University of Hong Kong, University of Illinois at Urbana-Champaign, University of Maryland, College Park; University of</p>	\$45,000 - \$268,000	\$125,639

Industry	# of Offers	Employers	Salary Range	Average Salary
		Michigan, University of Pittsburgh, University of Sydney, University of Waterloo		
Energy & Utilities	7	Aramco Services Company, ARPA-E, US Dept of Energy, EnerNOC, ExxonMobil Research & Engineering, Saudi Aramco, Shell International Exploration and Production Inc., WiTricity Corp.	\$115,000 - \$137,000	\$123,600
Engineering	18	Analog Devices, Inc., ASML, Bechtel Marine Propulsion Corporation, Bioinstrumentation Lab, Bose Corporation, EPFL, Fermi National Accelerator Laboratory, Flagship Ventures, Huawei, Idaho National Laboratory, Lam Research, SLAC National Accelerator Laboratory, SRI International, Structural Integrity Associates, TerraPower	\$70,000 - \$130,000	\$103,808
Financial Services (Commercial Banking, Insurance)	7	Goldman Sachs, Inter-American Development Bank, Kensho, Munich Re, Quantlab Financial LLC, Tech Square Trading, Weiss Asset Management	\$120,000 - \$150,000	\$138,200
Government	13	Argonne National Laboratory, ChiangMai University, Lawrence Livermore National Laboratory, Los Alamos National Laboratory, NASA / Universities Space Research Association, National Institute of Standards and Technology (NIST), NOAA SeaGrant Knauss Fellowship, Sandia National Laboratories, U.S. Geological Survey, U.S. Coast Guard Academy	\$55,000- \$110,000	\$80,758
Health/Medicine	15	Agency for Science, Technology and Research (A*STAR), Akili Interactive, Allen Institute for Brain Science, Beth Israel Deaconess Medical Center, Boston Children's Hospital/Harvard Med School/MIT, Children's Hospital, GeriJoy Inc., Immuneering Corporation, M.D. Anderson Cancer Center, Mass. General Hospital, OpenBiome, Pasteur Institute, SQZ Biotech, UT Southwestern Medical Center	\$35,000- \$100,000	\$60,792
Industrial and Consumer Manufacturing (Construction, Product Manufacturing, Consumer Products)	3	Aeronaut Brewing Co., Amazon, Samsung Electronics	-	\$116,000
Investment Banking (Mutual Funds and Money Management)	7	BlackRock, Citadel LLC, Goldman Sachs, Teza Technologies, Tower Research Capital	\$100,000 - \$325,000	\$203,571
Law	1	Wolf Greenfield	-	-

Industry	# of Offers	Employers	Salary Range	Average Salary
Military	2	US Department of Defense, US Navy	-	-
Pharmaceuticals (Biotech, Medical Device)	10	AbVitro, Eli Lilly, Flagship VentureLabs, Genzyme, Lyndra, Novartis Institutes for Biomedical Research, Inc; Roche Sequencing, Schrodinger, Scripps Research Institute, Yumanity Therapeutics	\$42,000 - \$112,500	\$81,944