

CAREER SERVICES

University of Pennsylvania

School of Engineering & Applied Science

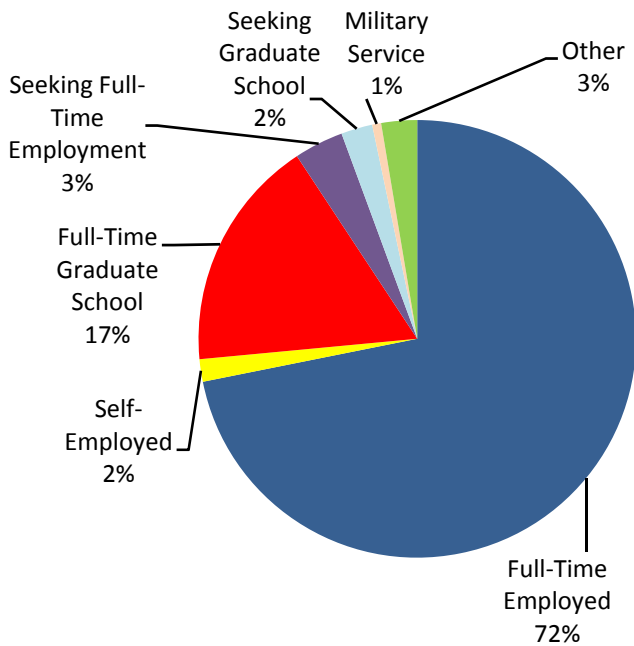
Undergraduate Career Plans Survey Report 2007-2008

Overview

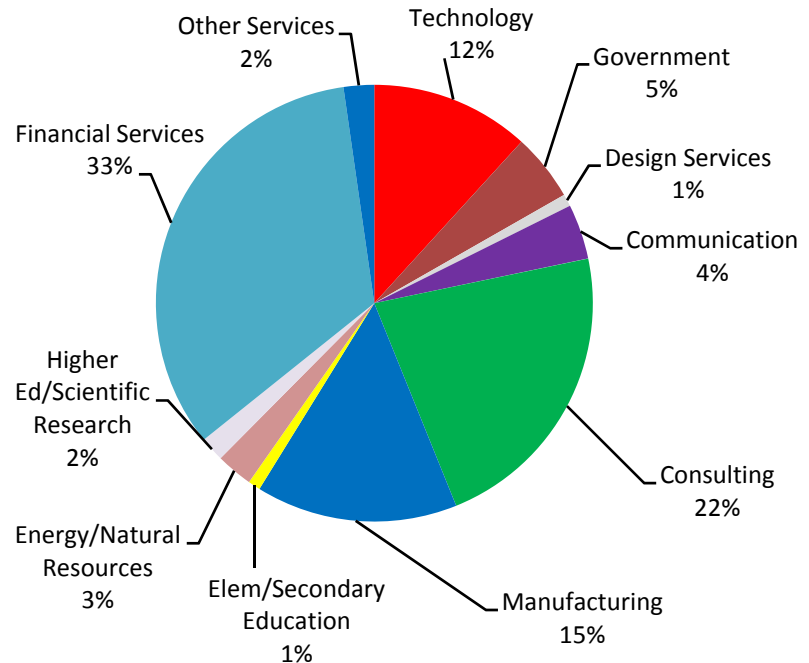
Each year Career Services surveys the SEAS graduating class to gather information about their post-graduation plans. This report summarizes the responses from December 2007, May and August 2008 SEAS BSE and BAS degree recipients. The school awarded 318 undergraduate degrees. Career Services received 302 responses, which represents a 95% response rate. Of those students reporting the date they received their offer, over 97% were offered employment prior to graduation. The top industries in which graduates accepted positions continue to be consulting, manufacturing (a 7% increase), technology (a 4% increase) and financial services. The overall average salary of the employed respondents was \$62,680, a 4.2% increase from last year. Students had an average of 2.2 job offers for employment and nearly 71% accepted positions in the Mid-Atlantic or Northeast regions. Of those going on to graduate school, 40% are pursuing a degree in engineering and nearly 29% are pursuing degrees in medicine or dentistry.

Prepared by Rosette Pyne, Senior Associate Director
 Leon Chou, Assistant
 December 2008

Post-Graduation Plans



Industries Employing Engineering Graduates



METHODOLOGY

Engineering students graduating with either a BAS or BSE degree in December 2007, May and August 2008 responded to several email requests to complete the Career Plans Survey on line between April and September 2008. A link was added to the Engineering section of the Career Services website for any student in the Class of 2008 who was browsing the site. In October, a friendly request to complete the survey was sent to students who had not responded to earlier requests or who had previously indicated they were still seeking employment or graduate school admission. In November the academic departments were contacted to determine if they had any additional information on students' post graduation plans.

SECTION 1 - RESPONDENTS

Percent Response by Year

<u>Year</u>	<u>Degrees Awarded</u>	<u>Surveys Returned</u>	<u>Percent Response %</u>
2008	318	302	95.00%
2007	290	281	96.89%
2006	318	275	86.47%
2005	330	279	84.55%
2004	340	303	89.11%

SECTION 2 – PURSUITS

Pursuits Upon Graduation

<u>Plan</u>	<u>Number</u>	<u>2007-2008 %</u>	<u>2006-2007 %</u>	<u>2005-2006 %</u>
Full-time Employment	217	71.9	68	71
Self-Employed	5	1.7	1.4	1
Attending Full-Time Graduate School	52	17.2	16.7	19
Seeking Full-time Employment	11	3.6	4.3	4
Seeking Graduate School Admission	7	2.3	4.3	3
Military Service	2	0.7	1	1
Other	8	2.6	4.3	1
TOTAL	302	100.0	100.0	100.0

SECTION 3 - ANALYSIS OF EMPLOYED RESPONDENTS

Number Accepted	Organization
10	Accenture
7	Citigroup, Google
6	JP Morgan
5	CGI, Credit Suisse, Deloitte, Goldman Sachs, Lockheed Martin, Oliver Wyman
4	Merrill Lynch
3	AQR Capital Management, Boston Consulting Group, ExxonMobil, Lehman Brothers, L'Oreal USA, Microsoft, The Blackstone Group, U.S. patent & Trademark Office, University of Pennsylvania
2	Bank of America, BlackRock, Farallon Capital Management, IBM, McKinsey & Co., Merck, PricewaterhouseCoopers, RBC Capital Markets, U.S. Navy

Geographic Distribution of Jobs

<u>Area</u>	<u>Number</u>	<u>Percent %</u>
United States		
Northeast	13	6.0%
Mid-Atlantic	139	64.7%
Southeast	15	7.0%
Midwest	9	4.2%
Southwest	3	1.4%
West	22	10.2%
Northwest	3	1.4%
Abroad	11	5.1%
Total:	215	100.0%

Date Received Offer

170 graduates reported the date they received the offer for the position they accepted. Over 97% received their offer prior to graduation.

<u>Date Received Offer</u>	<u>Percent %</u>
Before September 2007	19.4
September - December 2007	57.6
January - March 2008	14.7
April - May 2008	5.9
June - August 2008	2.4
Total:	100%

On-Campus Recruiting Interview Activity

Total Number of Employers: 413
Total Number of Scheduled Interviews: 14,253

Range and Average Number of Interviews Per Student

	<u>Range</u>	<u>Average</u>
On-Campus Recruiting Interviews	1-60	8.1
Interviews Resulting from Career Services Leads	1-12	2.6
Interviews on Their Own	1-50	3.1

Range and Average Number of Job Offers Received Per Student

	<u>Range</u>	<u>Average</u>
On-Campus Recruiting Offers	1-6	2
Career Services Offers (Career Day, PennLink)	1-3	1.3
Offers from sources other than OCRS and Career Services	1-5	1.5
All Offers Combined	1-10	2.2

How Full-time Employed Respondents Received Their Job Offers

	<u>Percent %</u>
Through On-Campus Recruiting and Career Services	56.6
Previous Employer	26.3
On Their Own	17.1
Total:	100%

Average Starting Salary by Year

42.9% of the students who accepted full time employment reported their salaries.

<u>Year</u>	<u>Average Salary</u>	<u>% Change from Previous Year</u>
2008	\$62,680	4.2
2007	\$60,151	3.6
2006	\$58,044	5.5
2005	\$54,998	0.6
2004	\$54,688	6.7

The salary range for 2008 was \$25,000 - \$100,000

Average Bonus Figures

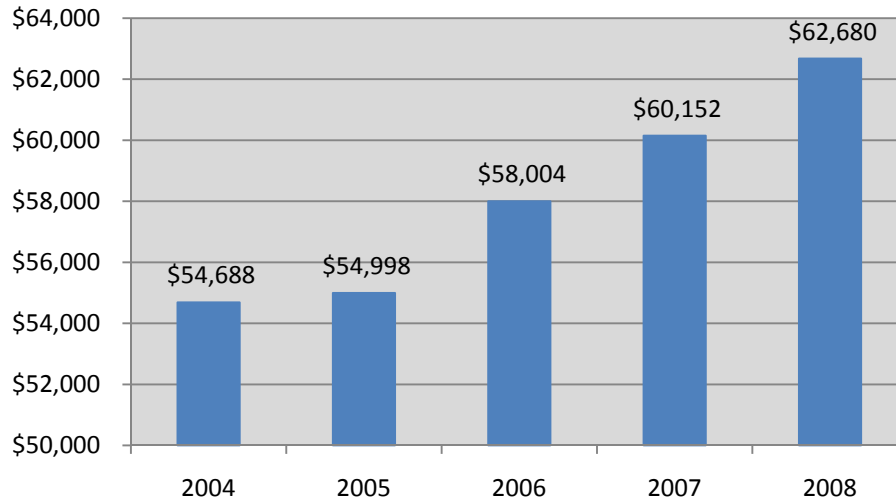
Sign-on Bonus

\$8,371 (based on 109 responses)

Annual Bonus (Estimated)

\$25,942 (based on 95 responses)

Average Starting Salary By Year



Average Salary by Major

Major	Surveys w/ Salaries	Average	Range
Applied Science			
Biomedical Science	5	\$55,300	\$45,000 – 60,000
Computer Science	9	\$64,778	\$60,000 – 100,000
Individualized	5	\$64,000	\$60,000 – 75,000
Bioengineering	18	\$55,579	\$28,000 – 75,000
Chemical & Biomolecular Eng.	20	\$60,397	\$30,000 – 75,000
Computer & Telecommunications Eng.	4	\$65,875	\$63,000 – 70,500
Computer Science & Engineering	24	\$76,553	\$50,000 – 100,000
Digital Media Design	7	\$62,571	\$25,000 – 80,000
Electrical Engineering	12	\$63,273	\$52,000 – 89,270
Materials Science & Eng.	18	\$59,528	\$30,000 – 78,000
Mech. Eng. & Appl. Mech.	17	\$61,912	\$43,000 – 79,000
Systems Science & Eng.	22	\$58,253	\$40,000 – 70,000
SEAS – Single Degree	103	\$60,032	\$25,000 – 100,000
SEAS/CAS – Dual Degree**	12	\$66,125	\$52,500 – 85,000
SEAS/WH – Dual Degree**	38	\$66,711	\$50,000 – 100,000
SEAS/SEAS – Dual Degree**	7	\$74,244	\$63,000 – 90,000
SEAS/SEAS/WH	1	*	*

* Single salaries not reported

** Counted in both major and dual degree categories

Average Salary by Gender*

Male Average Salary (excluding SEAS/WH students)	\$ 60,236 (based on 72 responses)
Female Average Salary (excluding SEAS/WH students)	\$ 59,557 (based on 31 responses)
Male SEAS/CAS Average Salary	\$ 66,682 (based on 11 responses)
Female SEAS/CAS Average Salary	Single Salaries Not Reported
Male SEAS/WH Average Salary	\$ 66,833 (based on 30 responses)
Female SEAS/WH Average Salary	\$ 65,556 (based on 9 responses)
Male SEAS/SEAS	\$ 73,284 (based on 6 responses)
Female SEAS/SEAS	Single Salaries Not Reported

Average Salary by Job Type

Job Type	Number of Respondents	Average Salary	Range
Consulting			
Management/Strategy	11	\$61,864	\$52,500 – 65,000
Technical/Information Systems	26	\$64,692	\$55,000 – 78,000
Energy/Environment			
Management & Policy	1	*	*
Engineering			
Design	8	\$68,069	\$51,000 – 89,270
Manufacturing/Production	4	\$61,252	\$60,000 – 62,000
Project Management	5	\$67,200	\$45,000 – 95,000
Quality Assurance	1	*	*
Research & Development	7	\$61,429	\$30,000 – 90,000
Systems	3	\$60,397	\$58,761 – 61,430
Transportation	1	*	*
Finance – Commercial Banking			
Investment Analyst	1	*	*
Finance – Investment Analysis			
Capital/Money Markets Analyst	2	\$60,000	*
Energy Analyst	1	*	*
Financial Analyst	20	\$60,750	\$40,000 – 100,000
Mergers & Acquisitions Analyst	6	\$60,833	\$55,000 – 70,000
Public Finance Analyst	1	*	*
Private Equity/Venture Capital Analyst	5	\$63,000	\$60,000 – 75,000
Securities Research Analyst	3	\$70,000	\$60,000 – 80,000
Finance – Management & Marketing			
Investment Management/Counsel	5	\$65,000	\$60,000 – 85,000
Finance - Sales and Trading			
Sales	1	*	*
Trading	10	\$68,500	\$60,000 – 100,000
Government			
Military Officer	2	\$30,000	*
Patent Examiner	3	\$63,145	\$63,000 – 63,435
Health Care			
Policy/Management	1	*	*
Information Technology			
Applications Programmer	1	*	*
Software Designer/Developer	8	\$79,500	\$66,000 – 100,000
Systems Analyst	2	\$53,500	*
Technology Analyst	4	\$62,500	\$62,000 – 63,000
Technical Artist	4	\$57,750	\$25,000 – 80,000
Web Designer/Developer	1	*	*
Insurance			
Actuarial	1	*	*

Average Salary by Job Type (continued)

Job Type	Number of Respondents	Average Salary	Range
Law			
Paralegal	1	*	*
Marketing			
Marketing Analysis	1	*	*
Marketing Research	2	\$52,500	*
Product/Brand Management	2	\$67,500	*
Other			
Other	2	\$60,000	*
Science			
Biology/Biochemistry	1	*	*
Biomedical	2	\$30,000	*
Chemistry	1	*	*

*Single salaries not reported

Average Salary by Industry

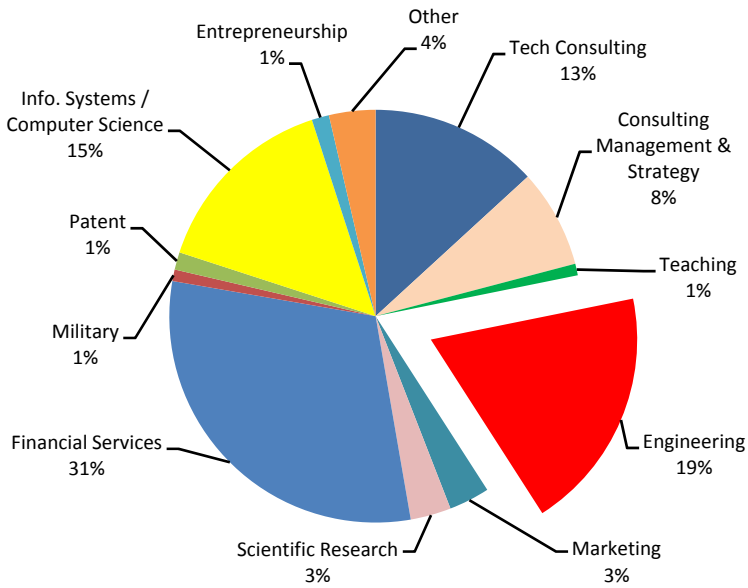
Industry	Number of Respondents	Average Salary	Range
Communications			
Film	2	\$65,000	*
Telecommunications	1	*	*
Education			
Research (Higher Education)	2	\$30,000	*
Energy/Natural Resources			
Energy Products	1	*	*
Petroleum	4	\$73,500	\$62,000 – 79,000
Financial Services			
Accounting	1	*	*
Commercial Banking	2	\$57,500	\$55,000 – 60,000
Investment Banking	44	\$60,977	\$40,000 – 100,000
Investment Mgmt. /Counsel	12	\$69,583	\$52,000 – 100,000
Venture Capital/Private Equity	3	\$65,000	\$60,000 – 75,000
Government			
Federal Government	5	\$56,587	\$42,500 – 63,435
State Government	1	*	*
U.S. Military Service	2	\$30,000	*
U.S. National Laboratories	1	*	*
Health Care			
Hospital	1	*	*

Average Salary by Industry (continued)

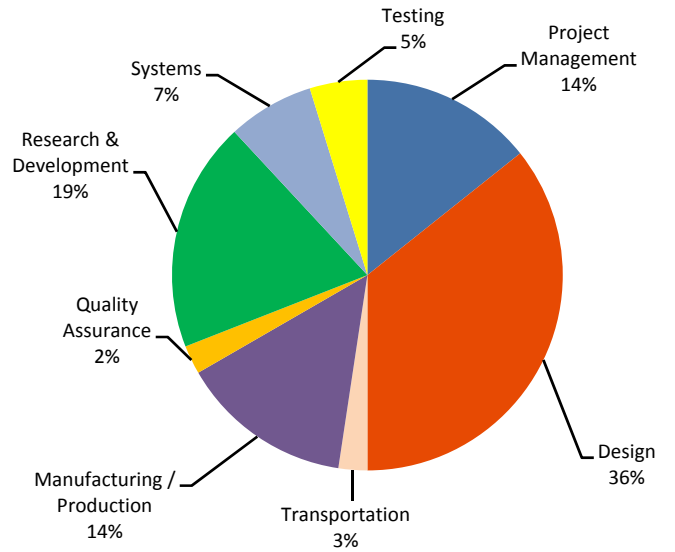
Industry	Number of Respondents	Average Salary	Range
Manufacturing			
Aerospace	6	\$62,245	\$55,000 – 69,000
Automotive	1	*	*
Biomedical Products	2	\$46,000	*
Computer Products (hardware)	4	\$74,068	\$66,000 – 89,270
Consumer Products	4	\$56,000	\$52,500 – 61,000
Electronics/Robotics	2	\$60,000	*
Pharmaceuticals	3	\$59,503	\$56,500 – 61,008
Services			
Consulting	38	\$63,118	\$50,000 – 85,000
Legal Services	1	*	*
Transportation	1	*	*
Technology			
E-Commerce	2	\$75,000	*
Interactive Entertainment Software	4	\$63,250	\$25,000 – 80,000
Online Information Provider	5	\$77,600	\$55,000 – 95,000
Software Products	6	\$71,333	\$45,000 – 85,000

*Single salaries not reported

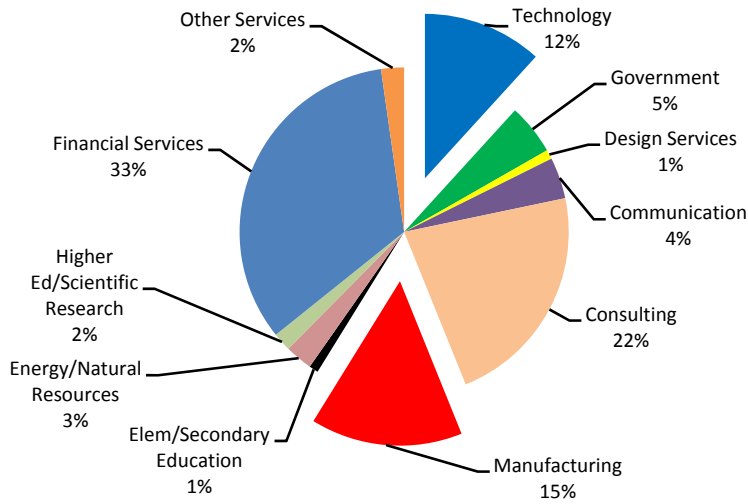
All Employed Respondents by Job Type (with Engineering Breakdown)



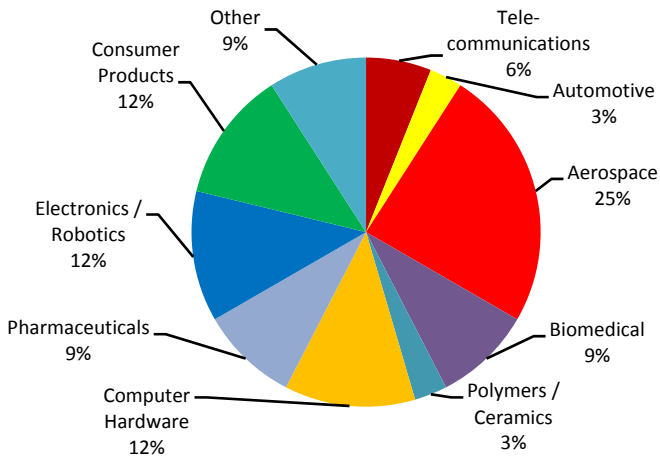
Engineering



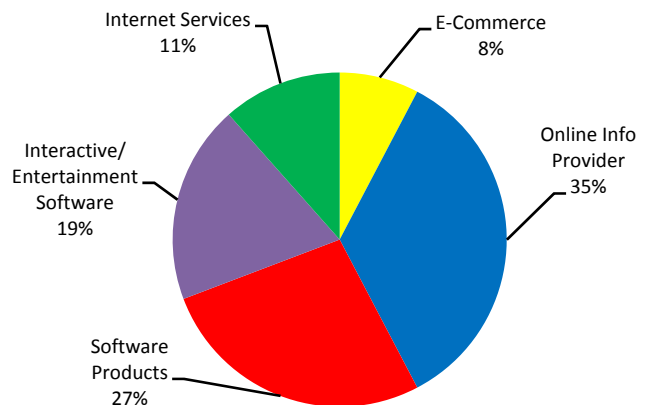
All Employed Respondents by Industry (with Manufacturing and Technology Breakdown)



Manufacturing



Technology



Employers Reported by Major

Applied Science - Biomedical Science

Bio-Imaging Technologies, Inc., Newtown, PA, Technical Imaging Services Associate
Clarix LLC, Radnor, PA, Associate Project Manager
CVA, Consultant
Ford Credit Canada, Toronto, Canada, Credit Analyst
Gemini Systems, New York, NY, Associate Consultant
Pfizer, Groton, CT, Associate Scientist

Applied Science - Computer Science

Organization name/Job title not reported, Aberdeen, NJ
CJS Securities, Inc., White Plains, NY, Equity Associate
Hewitt Associates, Philadelphia, PA, Actuarial Student

Applied Science – Individualized Major

Organization name/Job title not reported
Organization name/Job title not reported, New York, NY

Bioengineering

Accenture, Philadelphia, PA, Analyst
Accenture, Philadelphia, PA, Analyst
Bain & Company, Boston, MA, Associate Consultant
BioTissue, Miami, FL, Jr. Research and Product Specialist
Center for Resuscitation Science, HUP, Philadelphia, PA, Research Specialist
CGI, New York, NY, Business Analyst
Delphax Sdn. Bhd., Shah Alam, Selangor Malaysia, Scientific Executive
IMS Health, NJ, Analyst
Lockheed Martin, King of Prussia, PA, Systems Engineer Associate
L'Oreal USA, Clark, NJ, Associate Chemist
Lux Research Inc., New York, NY, Analyst
Merck, West Point, PA, Systems Specialist
National Institutes of Health, Bethesda, MD, Title Not Reported
New York Life Investment Management, New York, NY, Analyst
Peace Corps, Volunteer
Towers Perrin, Philadelphia, PA, Actuarial Consulting Analyst
University of Pennsylvania, Philadelphia, PA, IT Support Specialist
University of Pennsylvania, Philadelphia, PA, Research Associate
University of Pennsylvania, School of Medicine, Philadelphia, PA, Research Technician

Chemical and Biomolecular Engineering

Organization name/Job title not reported
Accenture, Boston, MA, Analyst
Accenture, Philadelphia, PA, Analyst
Accenture, Philadelphia, PA, Associate
Algiers Technology Academy, New Orleans, LA, High School Mathematics Teacher
BlackRock, New York, NY, Analyst
DRW Trading Group, Chicago, IL, Trading Assistant
IBM, Global Business Services, New York, NY, Consultant
JPMorgan, New York, NY, Business Analyst
L'Oreal USA, Clark, NJ, Junior Chemist
L'Oreal USA, New York, NY, Management Associate
Oliver Wyman, New York, NY, Analyst
Philadelphia Gas Works, Philadelphia, PA, Staff Chemist
PricewaterhouseCoopers, Philadelphia, PA, Title Not Reported
Ruane, Cunniff, Chicago, IL, Investment Analyst
Schlumberger Oilfield Services, Worland, WY, Field Engineer
Trane, Miami, FL, Title Not Reported
U.S. Navy, Yokosuka, Japan, Ensign, USN
U.S. Patent and Trademark Office, Alexandria, VA, Patent Examiner

Employers Reported by Major (continued)

Computer & Telecommunications Engineering

Organization name/Job title not reported
Accenture, New York, NY, Analyst
Deloitte, New York, NY, Business Technology Analyst
R/GA, New York, NY, Presentation Code Developer
TriTek Solutions, New York, NY, Business Analyst
U.S. Patent and Trademark Office, Alexandria, VA, Patent Examiner

Computer Science & Engineering

Applied Predictive Technologies, Inc., Arlington, VA, Software Engineer
CGI, New York, NY, IT Consultant
Goldman Sachs, Jersey City, NJ, Analyst
Goldman Sachs, New York, NY, Analyst
Google, Mountain View, CA, Software Engineer
Google, New York, NY, Associate Product Manager
Google, New York, NY, Software Engineer
IBM, Westford, MA, Software Engineer
Lockheed Martin, Herndon, VA, Software Engineer
Petroglyph Games, Las Vegas, NV, Programmer
TicketLeap.com, Philadelphia, PA, Web developer
VistaPrint, Lexington, MA, Software Engineer

Digital Media Design

Citigroup, New York, NY, Analyst
Crystal Dynamics, San Francisco, CA, Level Designer
Curious Pictures, New York, NY, Technical Director
DreamWorks, Los Angeles, CA, Technical Director
Lockheed Martin, Mt. Laurel, NJ, Flash Programmer
Meebo, San Francisco, CA, Interaction Designer
Microsoft, San Francisco, CA, Power Point Designer
Microsoft, Redmond, WA, Software Development Engineer in Test
Pixar, Emeryville, CA, Technical Director
Self Employed, Philadelphia, PA, Freelance Creative Consultant
Sony Pictures Imageworks, Culver City, CA, Software Engineer III
Vanguard Animation, Simulation Intern

Electrical Engineering

Accenture, Philadelphia, PA, Analyst
Citigroup, Analyst
Deloitte, Chicago, IL, Business Technology Analyst
Harris Williams, Philadelphia, PA, Financial Analyst
Hughes Associates, Inc., Baltimore, MD, Engineering Consultant
Kuljian Corporation, Philadelphia, PA, Electrical Engineer
Lazard Alternative Investments, New York, NY, Analyst
LeCroy, Chestnut Ridge, NY, Design Engineer
Mackie Systems, Technology Associate
Meltwater Group, School of Technology, Accra, Ghana, Teaching Fellow
Merck, West Point, PA, Associate Automation Engineer
Research in Motion, Sunrise, CA, Software Developer
SEI Investments, Oaks, PA, Business Continuity Analyst
Underwriters Laboratories, Engineer
Verizon, New York, NY, Affiliate Engineer

Materials Science & Engineering

Accenture, New York, NY, Analyst
Accenture, Philadelphia, PA, Analyst
AOL, Account Manager
Avencia, Philadelphia, PA, Software Developer
Capgemini US, New York, NY, Strategy Consultant

Employers Reported by Major (continued)

Materials Science & Engineering (continued)

Citigroup, New York, NY, Analyst
comScore, Inc., Reston, VA, Data Analyst
ExxonMobil, Baytown, TX, Material Scientist / Metallurgist
Fragomen, Del Rey, Bernsen, Philadelphia, PA, Assistant Paralegal I
Invite Media, Inc., Philadelphia, PA, Co-Founder
Johnson and Johnson Consumer Products, Skillman, NJ, Scientist
NYSERDA, New York, NY, Associate Program Manager
Park Advanced Composite Materials, Inc, Waterbury, CT, Materials Science Engineer
Private Practice, Darby, PA, Patient Care Manager
Rosetta, New York, NY, Consultant
W.L. Gore, Elkton, MD, Engineer

Mechanical Engineering & Applied Mechanics

Organization name not reported, Tampa, FL, Project Engineer
Arete Inc., Pennington, NJ, Title Not Reported
Armament Research, Development & Engineering Center, Picatinny, NJ, Mechanical Engineer
Bank of America, New York, NY, Analyst
BlackRock, New York, NY, Analyst
Boeing Satellite Systems, El Segundo, CA, Mechanical and Structural Engineer
Boston Consulting Group, New York, NY, Associate
CGI, New York, NY, Analyst
Electro Impact, Mukilteo, WA, Mechanical Engineer
eServ, Davenport, IA, Engineering Team Member
ExxonMobil, Fairfax, VA, Business Analyst
General Motors, Pontiac, MI, College Graduate in Training
Hearst Magazines, New York, NY, Test Engineer
JPMorgan, New York, NY, Technology Analyst
McKean Defense Group, Philadelphia, PA, Title Not Reported
Pratt & Whitney, East Hartford, CT, Title Not Reported
RBC Capital Markets, New York, NY, Analyst
Robert Wood Johnson Foundation, Princeton, NJ, Investment Analyst
The Gordian Group, New York, NY, Analyst
Tyco Electronics, Harrisburg, PA, Title Not Reported
U.S. Department of the Navy, Washington, DC, Acquisition Engineer Intern
U.S. Navy, Pensacola, FL, Ensign
Walt Disney World, Lake Buena Vista, FL, Engineering Intern

Systems Science & Engineering

AT&T, Retail Sales Consultant
Bank of America, New York, NY, Analyst
BMO Capital Markets, New York, NY, Coverage Analyst
Constellation Energy Commodities Group, Baltimore, MD, Analyst
Credit Suisse, Taipei, Taiwan, Sales Trader
Deloitte, New York, NY, Business Technology Analyst
JPMorgan, Istanbul, Turkey, Analyst
Kittelson and Associates, Inc., Baltimore, MD, Transportation Analyst
Lockheed Martin, Chantilly, VA, Associate Systems Engineer
Merrill Lynch, New York, NY, Analyst
Merrill Lynch, Palo Alto, CA, Analyst
Morgan Stanley, New York, NY, Trading Analyst
PricewaterhouseCoopers, New York, NY, Associate
RBC Capital Markets, New York, NY, Investment Banking Analyst
The Vanguard Group, Malvern, PA, Information Architect
Tribal DDb, New York, NY, Account Coordinator

Engineering Dual Degrees

CGI, New York, NY, Consultant
Intel Corporation, Santa Clara, CA, Design Validation Engineer

Employers Reported by Major (continued)

Engineering Dual Degrees (continued)

Lockheed Martin, Moorestown, NJ, Associate Member Engineering Staff
Microsoft, Redmond, WA, Software Development Engineer
MIT Lincoln Lab, Lexington, MA, Associate Researcher
Oliver Wyman, Dubai, United Arab Emirates, Analyst
U.S. Patent and Trademark Office, Alexandria, VA, Patent Examiner

Engineering Dual Degrees & CAS

JPMorgan, New York, NY, Analyst

Engineering Dual Degrees & Wharton

Google, New York, NY, Software Engineer
Pegasus Capital Advisors, New York, NY, Analyst

Engineering & Dual CAS

Merrill Lynch, Hopewell, NJ, Programmer Analyst

Engineering & Dual Wharton

Boston Consulting Group, Chicago, IL, Associate
Citi, New York, NY, Analyst
Oliver Wyman, New York, NY, Title Not Reported

Engineering & CAS

Applied Science - Computer Science & CAS

Accenture, Philadelphia, PA, Analyst

Bioengineering & CAS

KPMG, New York, NY, Associate
The Chartis Group, New York, NY, Analyst

Chemical and Biomolecular Engineering & CAS

Capital One, Mclean, VA, Business Analyst
Davis Securities, New York, NY, Financial Advisor

Computer Science & Engineering & CAS

Advanced Micro Devices, Santa Clara, CA, ASIC Engineer
Google, New York, NY, Software Engineer
Google, New York, NY, Software Engineer
Idealab, Pasadena, CA, Lead Software Prototype Engineer

Electrical Engineering & CAS

Wachovia, New York, NY, Analyst

Materials Science & Engineering & CAS

Belden Inc., Richmond, IN, Marketing Trainee/Specialist

Systems Science & Engineering & CAS

The Blackstone Group, New York, NY, Analyst

Engineering & Wharton

Applied Science - Biomedical Science & Wharton

Citigroup, New York, NY, Sales
Citigroup, New York, NY, Private Banking Analyst

Applied Science - Computer Science & Wharton

Jane Street Capital, New York, NY, Title Not Reported
JPMorgan, New York, NY, Analyst
Lazard Freres, New York, NY, Analyst

Employers Reported by Major (continued)

Applied Science – Computer Science & Wharton (continued)

Lehman Brothers, New York, NY, Analyst
Lehman Brothers, New York, NY, START Analyst
The Blackstone Group, New York, NY, Investment Analyst
UBS, San Francisco, CA, Analyst

Applied Science – Individualized & Wharton

Credit Suisse, San Francisco, CA, Analyst
Farallon Capital Management, San Francisco, CA, Title Not Reported
Farallon Capital Management, San Francisco, CA, Investment Analyst
JPMorgan, New York, NY, Equity Research Analyst
Lehman Brothers, New York, NY, Analyst

Bioengineering & Wharton

Boston Consulting Group, New York, NY, Associate
Deloitte, Philadelphia, PA, Strategy Consultant
Jefferies, New York, NY, Analyst
ZS Associates, Toronto, Operations Research Analyst

Chemical and Biomolecular Engineering & Wharton

Credit Suisse, San Francisco, CA, M&A Analyst
ExxonMobil, Houston, TX, Analyst, Americas Business Support
McKinsey & Company, New York, NY, Business Analyst
Merrill Lynch, New York, NY, Analyst

Computer Science & Engineering & Wharton

AQR Capital Management, Greenwich, CT, Analyst
AQR Capital Management, Greenwich, CT, Research Analyst
AQR Capital Management, Greenwich, CT, Research Analyst
Citadel Investment Group, Chicago, IL, Investment and Trading Analyst
Credit Suisse, New York, NY, Analyst
Deloitte, Boston, MA, Business Technology Analyst
Google, New York, NY, Software Engineer
Oliver Wyman, New York, NY, Consultant
The Blackstone Group, New York, NY, Analyst
Tradeworx, Red Bank, NJ, Assistant Vice President

Materials Science & Engineering & Wharton

Athleague, San Francisco, CA, Title Not Reported
Citigroup, New York, NY, Analyst
Credit Suisse, San Francisco, CA, Analyst
Goldman Sachs, London, United Kingdom, Analyst
Innova Materials, Philadelphia, PA, Co-Founder
McKinsey & Company, New York, NY, Corporate Finance Business Analyst
Oliver Wyman, New York, NY, Consultant
Susquehanna International Group, New York, NY, Title Not Reported

Systems Science & Engineering & Wharton

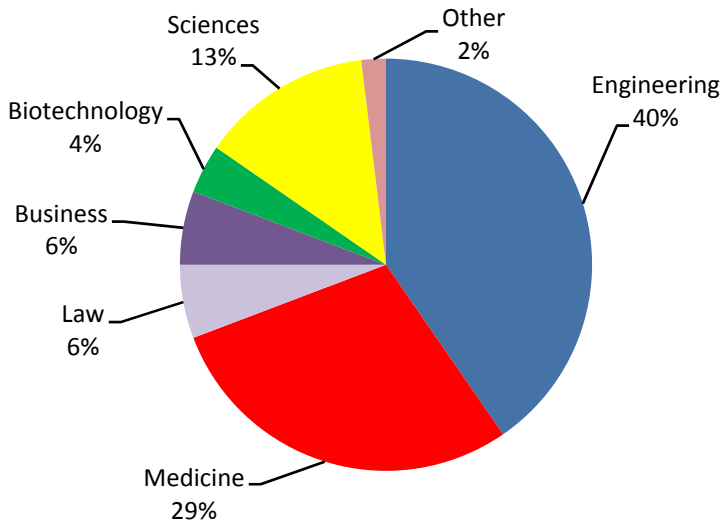
Consolidated Trading LLC, Chicago, IL, Assistant Trader
Deutsche Bank, New York, NY, Analyst
Glencore International, Cancun, Mexico, Title Not Reported
Goldman Sachs, New York, NY, Analyst
Goldman Sachs, New York, NY, IBD Analyst
Interactive Broadband, Philadelphia, PA, Analyst
Macquarie Group, New York, NY, Analyst
Miller Buckfire, New York, NY, Analyst
The Nielsen Company/BASES, Westport, CT, Research Analyst

SECTION 4 - ANALYSIS OF GRADUATE STUDY RESPONDENTS

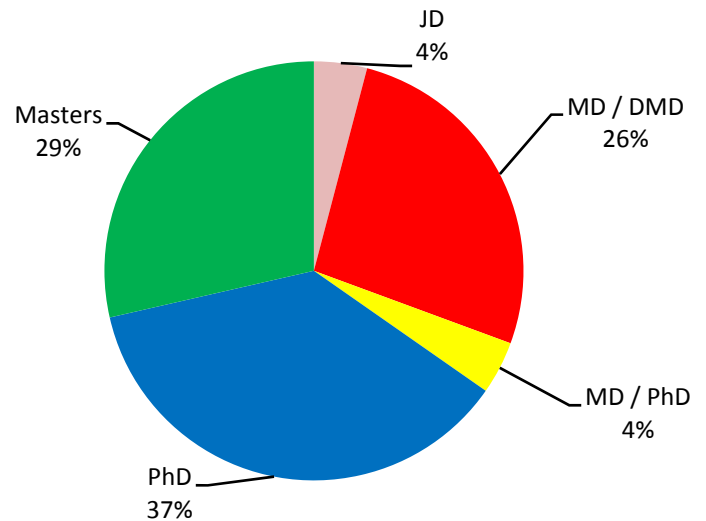
Fields of Full-time Graduate Study

Field	2008	2007	2006
Engineering	40.4%	40.4%	49%
Medicine/Dentistry	28.8%	23.4%	24.5%
Business	5.8%	6.4%	7.6%
Biotechnology	3.8%	4.3%	3.8%
Law	5.8%	8.5%	5.7%
Sciences	13.5%	10.6%	not reported
Other	1.9%	6.4%	9.4%

Areas of Graduate Study



Graduate School Degrees



Degrees Being Pursued

Major	Masters	PhD	MD/PhD	MD/DVM/DDS	JD	MBA
AS – Biomedical Science	2		1	3	2	
AS – Computer Science		1				
AS – Individualized						2
Bioengineering	4	4		8		
Chemical & Biomolecular Engineering		4	1	2		
Computer Science & Engineering		1				
Electrical Engineering	2	2				
Materials Science & Eng.	2	6				
Mechanical Eng. & Applied Mechanics	3					1
Systems Science & Engineering	1					
Total	14	18	2	13	2	3

Graduate Schools Attended by Major

Applied Science – Biomedical Science

Case Western Reserve University, School of Medicine, MD; Medicine
Georgetown University, MS; Physiology
Northwestern University, JD; Law
Northwestern University, Feinberg School of Medicine, MD/PhD; Medicine/Cell Biology
SUNY Stony Brook, School of Medicine, MD; Medicine
University of California, Berkeley, JD; Law
University of Nevada, Masters; Biology
University of Pennsylvania, DMD; Dentistry

Applied Science – Computer Science

University of Michigan, Ross Business School, PhD; Operations & Management Science

Applied Science – Individualized Major

Harvard Business School, MBA; Business Administration
University of Pennsylvania, Wharton School, MBA; Finance/Management

Bioengineering

Albert Einstein College of Medicine, MD; Medicine
Boston University, MD; Medicine
Emory University, MD; Medicine
Georgia Institute of Technology, Masters; Prosthetics and Orthotics
Princeton University, PhD; Molecular Biology/Neuroscience
Thomas Jefferson University, PhD; Tissue Engineering & Regenerative Medicine
Tufts University, School of Medicine, MD; Medicine
University of California, San Diego, PhD; Bioengineering
University of Pennsylvania, Masters; Biotechnology
University of Pennsylvania, MD; Medicine
University of Pennsylvania, MD; Medicine
University of Pennsylvania, MD; Medicine
University of Pennsylvania, Masters; Biotechnology
University of Pennsylvania, MSE; Bioengineering
University of Texas, Southwestern Medical School, MD; Medicine
Watson School of Biological Science, CSHL, MD; Medicine

Chemical & Biomolecular Engineering

California Institute of Technology, PhD; Chemical Engineering
Columbia University, PhD; Chemical Engineering
Massachusetts Institute of Technology, PhD; Chemical Engineering
New York University, School of Medicine, MD; Medicine
Pennsylvania State University, MD/PhD; Medicine
University of Pennsylvania, PhD; Chemistry
University of Utah, MD; Medicine

Computer Science & Engineering

University of Pennsylvania, PhD; Computer & Information Science

Electrical Engineering

Purdue, PhD; Electrical & Computer Engineering
Carnegie Mellon University, MS; Electrical Engineering
Stanford University, PhD; Electrical Engineering
University of Delaware, MEEP; Energy Policy

Materials Science & Engineering

Cambridge University, MPhil; Systems Manufacturing & Management
Cornell University, PhD; Applied Physics
Massachusetts Institute of Technology, PhD; Materials Science & Engineering

Graduate Schools Attended by Major (continued)

Materials Science & Engineering (continued)

Massachusetts Institute of Technology, PhD; Materials Science & Engineering

Pennsylvania State University, PhD; Chemistry

Stanford University, PhD; Electrical Engineering

University of California, Santa Barbara, PhD; Materials Science & Engineering

University of Pennsylvania, MSE; Materials Science

Mechanical Engineering and Applied Mechanics

American University, Washington School of Law, JD; Law

Technion: Israel Institute of Technology, MSc.; Mechanical Engineering

University of Michigan, Masters; Aerospace Engineering

University of Pennsylvania, MSE; Integrated Product Design

Systems Science & Engineering

University of Pennsylvania, MSE; Integrated Product Design