

# CAREER SERVICES

## University of Pennsylvania

### School of Engineering & Applied Science

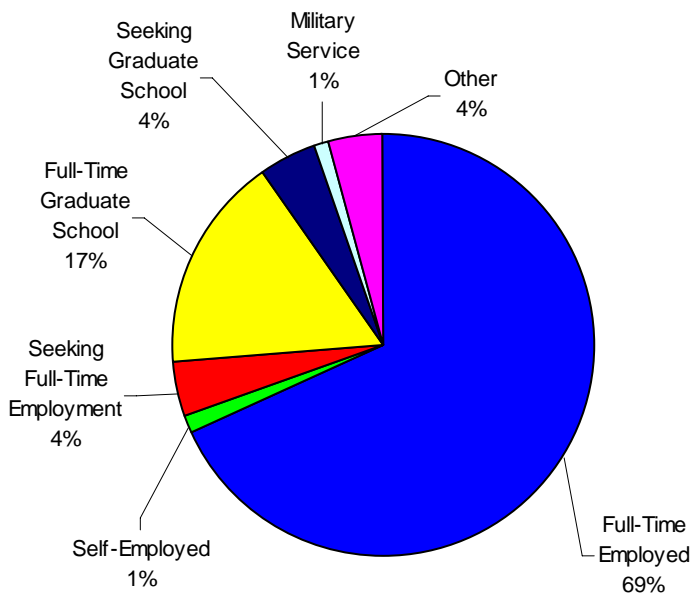
## Undergraduate Career Plans Survey Report 2006-2007

### Overview

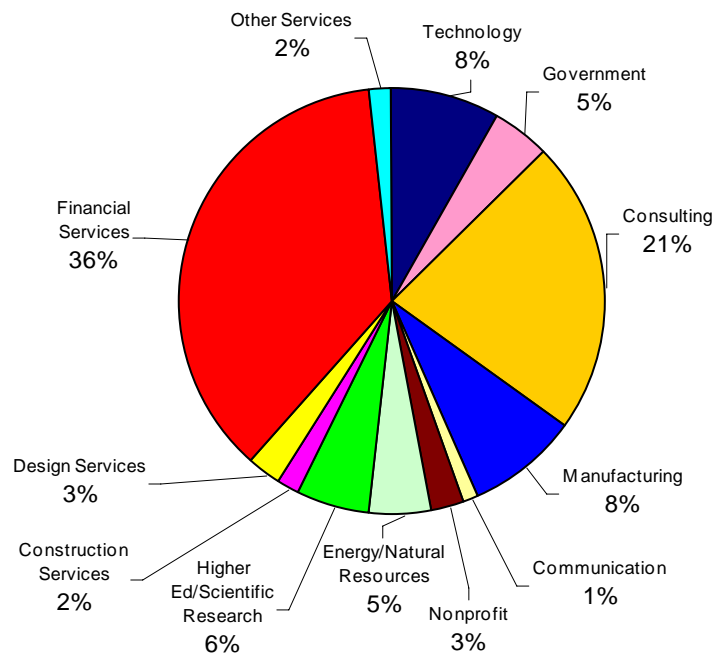
Each year Career Services surveys the SEAS graduating class to gather information about their post-graduation plans. This report summarizes the responses from December 2006, May and August 2007 SEAS BSE and BAS degree recipients. The school awarded 290 undergraduate degrees. Career Services received 281 responses, which represents a 96.8% response rate. Compared to the previous year, student responses to this survey indicate that job offers were received and accepted earlier. Of those students reporting the date they received their offer, over 20% received their offer prior to the start of classes in the Fall 2006 (a 7% increase over last year) and more than 98% of the students received their offer for employment prior to graduation. The top industries in which graduates accepted positions continue to be consulting, manufacturing, financial services, and technology. In the manufacturing sector, there was a significant increase in students working in the consumer products (up 21% from last year) and telecommunications (24% increase over last year) fields. The overall average salary of the employed respondents was \$60,151, a 3.6% change from last year. Of those going on to graduate school, 41% are pursuing a degree in engineering.

Prepared by Rosette Pyne, Senior Associate Director  
Mylène Kerschner, Administrative Assistant  
November 2007

**Post-Graduation Plans**



**Industries Employing Engineering Graduates**



## METHODOLOGY

Engineering students graduating with either a BAS or BSE degree in December 2006, May and August 2007 responded to several email requests to complete the Career Plans Survey on line between April and August 2007. A link was added to the Engineering section of the Career Services website for any student in the Class of 2007 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.

### SECTION 1 - RESPONDENTS

#### Percent Response by Year

<u>Year</u>	<u>Degrees Awarded</u>	<u>Surveys Returned</u>	<u>Percent Response %</u>
2007	290	281	96.89%
2006	318	275	86.47%
2005	330	279	84.55%
2004	340	303	89.11%
2003	355	284	80.00%

### SECTION 2 – PURSUITS

#### Pursuits Upon Graduation

<u>Plan</u>	<u>Number</u>	<u>2006-2007 %</u>	<u>2005-2006 %</u>	<u>2004-2005 %</u>
Full-time Employment	191	68	71	60.2
Self-Employed	4	1.4	1	1.8
Attending Full-Time Graduate School	47	16.7	19	22.2
Seeking Full-time Employment	12	4.3	4	10.8
Seeking Graduate School Admission	12	4.3	3	2.9
Military Service	3	1	1	0.4
Other	12	4.3	1	1.4
<b>TOTAL</b>	<b>281</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

### SECTION 3 - ANALYSIS OF EMPLOYED RESPONDENTS

<b>Number Accepted</b>	<b>Organization</b>
16	Goldman Sachs
8	Morgan Stanley
7	University of Pennsylvania, ZS Associates
6	Accenture, Lehman Brothers, McKinsey
5	JPMorgan Chase, Mercer Oliver Wyman, Microsoft
4	Boston Consulting Group
3	AQR Capital, Cisco Systems, Lockheed Martin, MIT Lincoln Laboratory, National Institutes of Health, Teach for America
2	Bank of America, Deloitte Consulting, Deutsche Bank, Exelon, ExxonMobil, Lazard, L'Oreal USA, Schlumberger, Tritek Solutions, UBS, United States Navy, US Patent & Trademark Office

## Geographic Distribution of Jobs

<u>Area</u>	<u>Number</u>	<u>Percent %</u>
United States		
Northeast	11	6%
Mid-Atlantic	129	70.1%
Southeast	11	6%
Midwest	6	3.2%
Southwest	4	2.2%
West	12	6.5%
Northwest	4	2.2%
Abroad	7	3.8%
<b>Total:</b>	<b>184</b>	<b>100.0%</b>

## Date Received Offer

145 graduates reported the date they received the offer for the position they accepted. Over 98% received their offer prior to graduation.

<u>Date Received Offer</u>	<u>Percent %</u>
Before September 2006	20.7
September - December 2006	57.9
January - March 2007	11
April - May 2007	9
June - August 2007	1.4
<b>Total:</b>	<b>100%</b>

## On-Campus Recruiting Interview Activity

Total Number of Employers: 418  
Total Number of Scheduled Interviews: 13,313

## Range and Average Number of Interviews Per Student

	<u>Range</u>	<u>Average</u>
On-Campus Recruiting Interviews	1-50	8.1
Interviews Resulting from Career Services Leads	1-5	2.0
Interviews on Their Own	1-15	2.3

## Range and Average Number of Job Offers Received Per Student

	<u>Range</u>	<u>Average</u>
On-Campus Recruiting Offers	1-10	2.2
Career Services Offers (Career Day, PennLink)	1-3	1.3
Offers from sources other than OCRS and Career Services	1-4	1.4
All Offers Combined	1-12	2.4

## How Full-time Employed Respondents Received Their Job Offers

	<u>Percent %</u>
Through On-Campus Recruiting and Career Services	55
Previous Employer	25*
On Their Own	20
<b>Total:</b>	<b>100%</b>

\*Of those indicating employment from a previous employer, 83% accepted an offer following an internship they had received by contact through Career Services.

## Average Starting Salary by Year

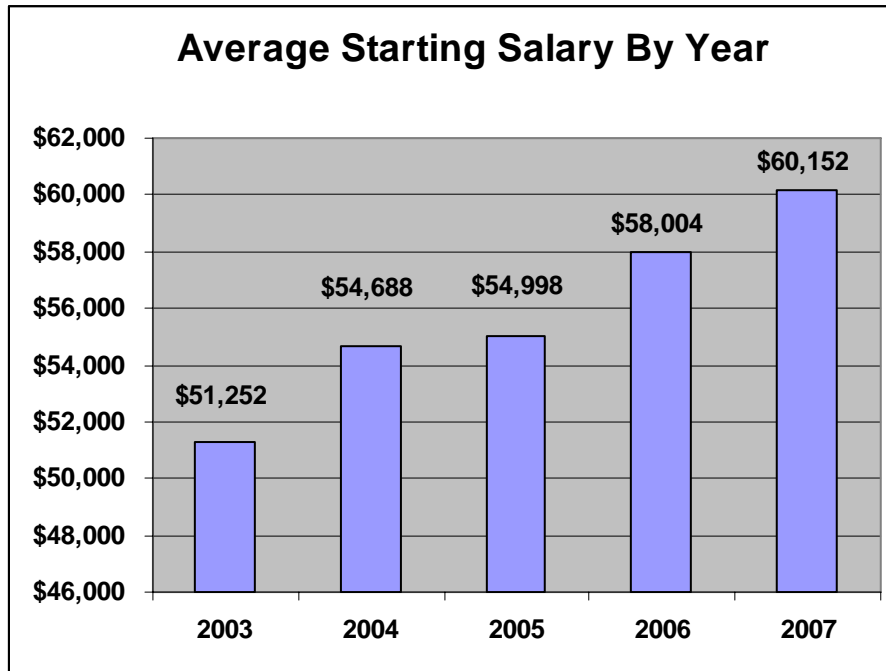
78.3% of the students who accepted full time employment reported their salaries.

<u>Year</u>	<u>Average Salary</u>	<u>% Change from Previous Year</u>
2007	\$60,151	3.6
2006	\$58,044	5.5
2005	\$54,998	0.6
2004	\$54,688	6.7
2003	\$51,252	-3.4

The salary range for 2007 was \$24,400 - \$90,000

### Average Bonus Figures

Sign-on Bonus \$8,563 (based on 107 responses)  
 Annual Bonus (Estimated) \$25,823 (based on 81 responses)



### Average Salary by Major

Major	Surveys w/ Salaries	Average	Range
Applied Science			
Biomedical Science	9	\$57,833	\$29,500 – 70,000
Computer & Cognitive Science	1	*	*
Computer Science	8	\$68,000	\$55,000 – 80,000
Individualized	18	\$61,444	\$55,000 – 76,000
Bioengineering	18	\$48,244	\$24,400 – 90,000
Chemical & Biomolecular Eng.	8	\$58,759	\$45,000 – 69,000
Computer & Telecommunications Eng.	2	\$67,500	*
Computer Science & Engineering	20	\$68,425	\$58,000 – 86,500
Digital Media Design	2	\$65,500	*
Electrical Engineering	22	\$62,659	\$47,000 – 85,000
Materials Science & Eng.	4	\$59,000	\$56,000 – 60,000
Mech. Eng. & Appl. Mech.	21	\$59,276	\$40,000 – 65,000
Systems Science & Eng.	17	\$61,647	\$55,000 – 80,000
SEAS – Single Degree	78	\$57,549	\$24,400 – 90,000
SEAS/CAS – Dual Degree**	16	\$59,381	\$25,000 – 76,000
SEAS/WH – Dual Degree**	46	\$62,957	\$58,000 – 85,000
SEAS/SEAS – Dual Degree**	7	\$67,553	\$59,000 – 80,400
SEAS/SEAS/WH	3	\$71,667	\$60,000 – 85,000

\* Single salaries not reported

\*\* Counted in both major and dual degree categories

### Average Salary by Gender\*

Male Average Salary (excluding SEAS/WH students) \$ 60,784 (based on 59 responses)  
 Female Average Salary (excluding SEAS/WH students) \$ 53,552 (based on 19 responses)  
 Male SEAS/CAS Average Salary \$ 57,342 (based on 12 responses)  
 Female SEAS/CAS Average Salary \$ 65,500 (based on 4 responses)  
 Male SEAS/WH Average Salary \$ 63,667 (based on 36 responses)  
 Female SEAS/WH Average Salary \$ 63,000 (based on 13 responses)

Male SEAS/SEAS  
 Female SEAS/SEAS

\$ 68,812 (based on 6 responses)  
 Single Salaries Not Reported

## Average Salary by Job Type

Job Type	Number of Respondents	Average Salary	Range
<b>Consulting</b>			
Management/Strategy	26	\$60,962	\$50,000 – 90,000
Research	1	*	*
Technical/Information Systems	11	\$57,818	\$45,000 – 64,000
<b>Education</b>			
Teaching	1	*	*
<b>Energy/Environment</b>			
Systems Design	1	*	*
<b>Engineering</b>			
Construction	1	*	*
Manufacturing/Production	6	\$59,133	\$47,000 – 69,000
Project Management	3	\$65,000	\$54,000 – 76,000
Research & Development	9	\$58,122	\$46,000 – 80,400
Testing	1	*	*
<b>Finance – Investment Analysis</b>			
Capital/Money Markets Analyst	5	\$57,500	\$47,500 – 60,000
Financial Analyst (Generalist)	22	\$60,318	\$52,000 – 70,000
Mergers & Acquisitions	2	\$70,000	*
Private Equity/Venture Capital Analyst	6	\$65,833	\$60,000 – 85,000
Securities Research Analyst	1	*	*
<b>Finance – Management &amp; Marketing</b>			
Investment Management/Counsel	3	\$70,000	\$60,000 – 85,000
<b>Sales and Trading</b>			
Sales	2	\$60,000	*
Trading	7	\$65,714	\$60,000 – 85,000
<b>Government</b>			
Military Officer	2	\$37,500	*
Patent Examiner	1	*	*
<b>Information Services</b>			
Applications Programming	2	\$55,000	*
Software Design/Develop.	12	\$71,542	\$55,000 – 86,500
Systems Analysis	2	\$61,500	*
Technology Analysis	12	\$64,417	\$58,000 – 72,000
Technical Artist	1	*	*
<b>Management</b>			
General Management	1	*	*
<b>Marketing</b>			
Account Management	1	*	*
<b>Scientific Research</b>			
Biology/Biochemistry	1	*	*
Biomedical	6	\$30,650	\$24,400 – 47,000

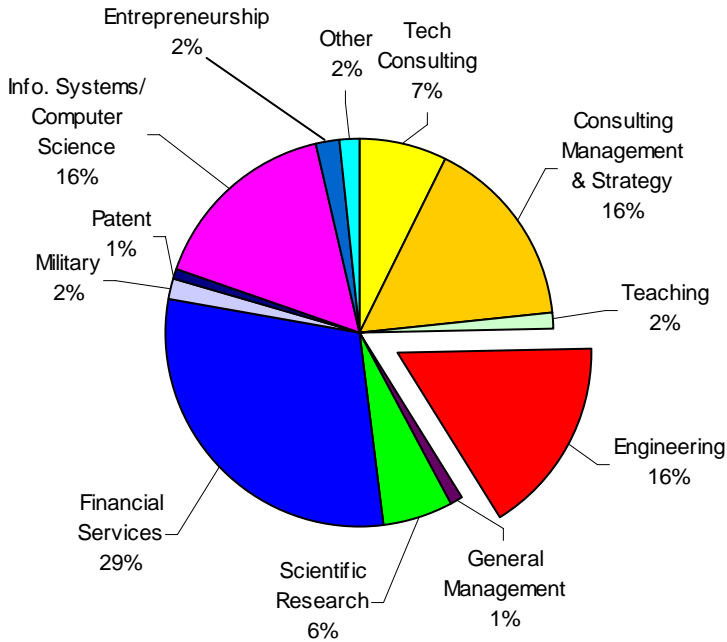
\*Single salaries not reported

## Average Salary by Industry

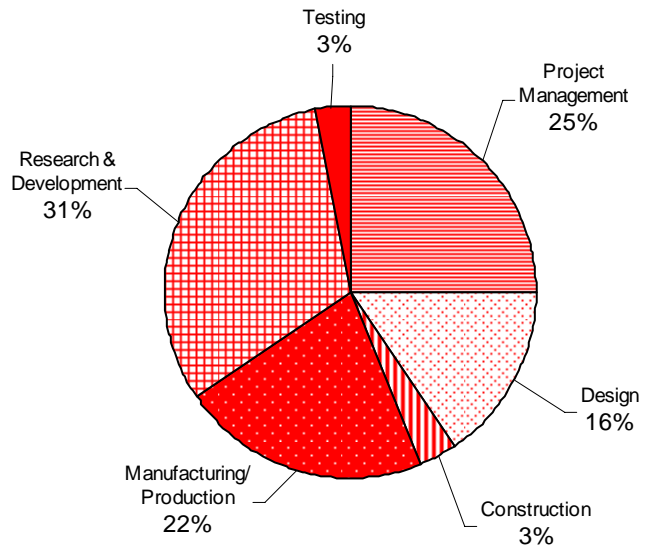
<b>Industry</b>	<b>Number of Respondents</b>	<b>Average Salary</b>	<b>Range</b>
<b>Communications</b>			
Advertising/Public Relations	1	*	*
<b>Energy/Natural Resources</b>			
Petroleum	4	\$61,250	\$50,000 – 69,000
<b>Financial Services</b>			
Commercial Banking	1	*	*
Financial Services (Other)	3	\$65,000	\$60,000 – 75,000
Investment Banking	49	\$62,388	\$58,000 – 75,000
Investment Mgmt. /Counsel	6	\$75,333	\$60,000 – 85,000
Venture Capital/Private Equity	2	\$65,000	*
Real Estate/Land Development	2	\$66,000	*
<b>Government</b>			
U.S. Executive Branch	3	\$39,290	\$24,400 – 68,471
U.S. Military Service	2	\$37,500	*
<b>Manufacturing</b>			
Aerospace	3	\$56,333	\$56,000 – 56,500
Computer Products (hardware)	1	*	*
Consumer Products	3	\$52,533	\$46,000 – 60,000
Electronics/Robotics	2	\$54,900	*
Manufacturing (other)	1	*	*
Pharmaceuticals	1	*	*
Telecommunications	3	\$70,000	\$60,000 – 75,000
<b>Non-Profit/Education</b>			
Elementary/Secondary Education	1	*	*
Health Care	2	\$37,500	*
Higher Education/Sci. Research	6	\$51,000	\$25,000 – 80,400
<b>Services</b>			
Construction	2	\$55,000	*
Consulting	35	\$60,429	\$50,000 – 90,000
Design	3	\$48,000	\$45,000 – 54,000
Health Care (for profit)	1	*	*
Retail/Wholesale	1	*	*
<b>Technology</b>			
Interactive Entertainment Software	1	*	*
Online Information Provider	1	*	*
Software Products	10	\$69,250	\$53,000 – 86,500

\*Single salaries not reported

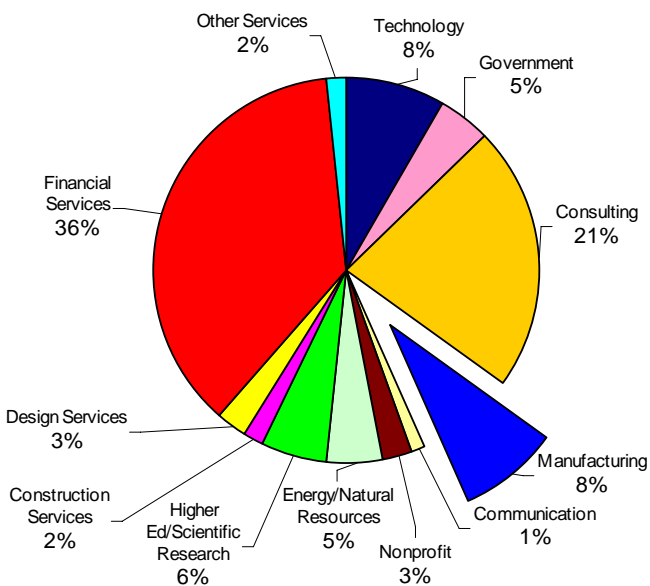
### All Employed Respondents by Job Type (with Engineering Breakdown)



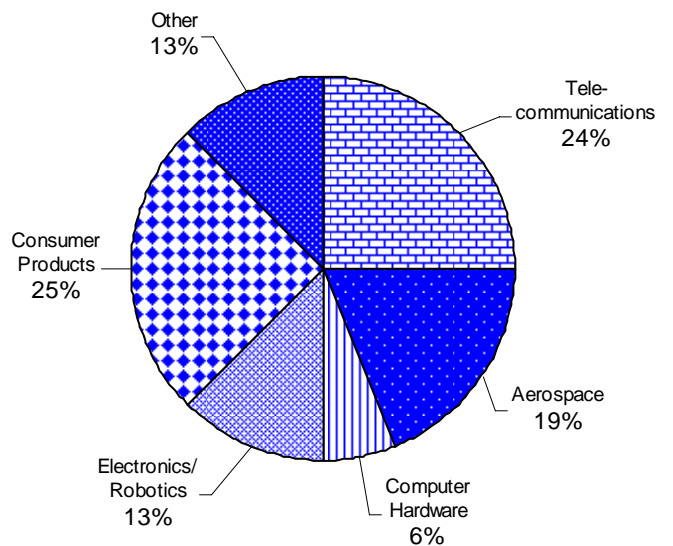
### Engineering



### All Employed Respondents by Industry (with Manufacturing Breakdown)



### Manufacturing



## **Employers Reported by Major**

### **Applied Science - Biomedical Science**

HSBC Securities, New York, NY; Analyst  
L'Oreal USA, Clark, NJ; Associate Chemist  
United States Navy, Sasebo, Japan; Officer

### **Applied Science - Cognitive Science**

United States Navy, Mayport, FL; Ensign

### **Applied Science - Computer Science**

Deutsche Bank, San Francisco, CA; Analyst  
Goldman Sachs, New York, NY; Quantitative Analyst  
Merrill Lynch, New York, NY; Title Not Reported

### **Applied Science - Individualized**

Goldman Sachs, New York, NY; Analyst

## **Bioengineering**

BioCentury Publications, San Carlos, CA; Staff Researcher  
Children's Hospital of Philadelphia, Philadelphia, PA; Research Technician  
Children's Hospital of Pittsburgh, Pittsburgh, PA; Research Assistant  
Cohen Commercial Properties, New York, NY; Analyst  
Fannie Mae, Washington, DC; Analyst  
Global eProcure, Clark, NJ; Associate  
Goldman Sachs, Hong Kong; Analyst  
Johnson & Johnson, Skillman, NJ; Research & Development Scientist  
National Institutes of Health, Bethesda, MD; Intramural Research Award  
National Institutes of Health, Bethesda, MD; IRTA Fellow  
National Institutes of Health, Bethesda, MD; Postbac Intramural Research Training Award  
Numoda Corp., Philadelphia, PA; Data Analyst  
Port Consolidated, Ft. Lauderdale, FL; Title Not Reported  
Sg2 Health Care Intelligence, Chicago, IL; Analyst  
Teach for America, Baton Rouge, LA; Corps Member  
Teach for America, Los Angeles, CA; 2007 Corps Member  
University of Pennsylvania School of Medicine, Philadelphia, PA; Lab Technician  
University of Pennsylvania, Philadelphia, PA; Lab Technician  
University of Pennsylvania, Philadelphia, PA; Research Specialist  
University of Pennsylvania, Philadelphia, PA; Research Specialist  
ZS Associates, Los Angeles, CA; Title Not Reported  
ZS Associates, Los Angeles, CA; Business Associate  
ZS Associates, Princeton, NJ; Associate

## **Chemical and Biomolecular Engineering**

Accenture, Location Not Reported; Analyst  
Avery Dennison, Quakertown, PA; Process Engineer  
Bearing Point, Location Not Reported; Title Not Reported  
ENVIRON, Philadelphia, PA; Associate  
Exelon, Delta, PA; Engineer 1  
Exelon, Delta, PA; Site Engineer/System Manager  
ExxonMobil, Baytown, TX; Contact Engineer  
L'Oreal USA, Clark, NJ; Associate Chemist  
Marathon Petroleum Company, Canton, OH; Refining Engineer 1  
Philadelphia Water Department, Philadelphia, PA; Environmental Engineer  
Simat Helliesen & Eichner, Inc., New York, NY; Senior Analyst  
TargetRx, Horsham, PA; Research Analyst

## **Computer & Telecommunications Engineering**

DRW Trading, London; Trader

## **Employers Reported by Major (continued)**

### **Computer Science & Engineering**

Accenture, Reston, VA; Analyst  
Cisco Systems, San Jose, CA; Software Engineer  
Goldman Sachs, New York, NY; Analyst  
Goldman Sachs, New York, NY; New Associate Programming Analyst  
Goldman Sachs, New York, NY; Technical Analyst  
Goldman Sachs, New York, NY; Technology Analyst  
JP MorganChase, New York, NY; Technology Analyst  
Microsoft, Hauppauge, NY; Software Development Engineer  
Microsoft, Redmond, WA; Software Development Engineer  
SAC Capital, Stamford, CT; Title Not Reported  
Self-Employed, Location Not Reported; Title Not Reported  
TriTek Solutions, Inc., Annandale, VA; Associate  
TriTek Solutions, Inc., New York, NY; Software Consultant  
University of Pennsylvania, Philadelphia, PA; Developer & Researcher for IRCS  
WebCollage, Tel Aviv; Title Not Reported

### **Digital Media Design**

University of Pennsylvania, Philadelphia, PA; Title Not Reported

### **Electrical Engineering**

Company Not Reported, MD; Systems Engineer  
Bechtel, Location Not Reported; Engineer  
Cisco Systems, Boxborough, MA; Software Engineer I  
Cisco Systems, Raleigh, NC; Associate Systems Engineer  
Credit Suisse, New York, NY; Technical Associate  
Hewlett-Packard, Houston, TX; Demand Planning Analyst  
JP Morgan Chase, Hong Kong; Credit Analyst  
Lockheed Martin, Moorestown, NJ; Associate Member of Engineering Staff  
Lockheed Martin, Moorestown, NJ; Test Engineer  
MIT Lincoln Laboratory, Lexington, MA; Assistant Technical Staff  
Morgan Stanley, New York, NY; Analyst  
Tyco Thermal Controls, Malvern, PA; Project Engineer  
University of Pennsylvania, Philadelphia, PA; Programmer Analyst  
ZS Associates, New York, NY; Operations Research Analyst

### **Materials Science & Engineering**

Lockheed Martin, Baltimore, MD; Engineer

### **Mechanical Engineering & Applied Mechanics**

Accenture, Philadelphia, PA; Analyst  
Accenture, Philadelphia, PA; Entry-level Analyst  
Atelier Ten, New York, NY; Energy Modeler  
Banc of America Securities, New York, NY; Analyst  
Deloitte Consulting, New York, NY; Systems Analyst  
Digitas, New York, NY; Associate  
Edwards & Zuck, P.C., New York, NY; Engineer  
ExxonMobil, Baytown, TX; Cost Engineer  
J.J. Deluca Co., Springfield, PA; Project Engineer  
KBC Financial Products, New York, NY; Capital Markets Analyst  
LJWest Inc, New York, NY; Analyst  
Marakon Associates, Chicago, IL; Associate Consultant  
Morgan Stanley, Philadelphia, PA; Analyst  
MWH, Denver, CO; Associate Engineer  
PNC Bank, Philadelphia, PA; Business Systems Analyst Level 1  
Raytheon, Boston, MA; Mechanical Engineer 1

## **Employers Reported by Major (continued)**

### **Mechanical Engineering & Applied Mechanics (continued)**

Schlumberger, Houston, TX; Field Engineer  
Schlumberger, New Iberia, LA; Field Engineer  
Self-Employed, Location Not Reported; Title Not Reported  
StructureTone, New York, NY; Rotational Project Engineer  
United States Air Force, Eglin AFB, FL; Project Developmental Engineer  
Washington Group International, Princeton, NJ; Engineer I

### **Systems Science & Engineering**

AT Kearney, New York, NY; Business Analyst  
Deloitte Consulting, Philadelphia, PA; Systems Analyst  
Diamond Consulting, Chicago, IL; Title Not Reported  
Drishti, Mumbai; Associate  
GFI Group, New York, NY; Title Not Reported  
Goldman Sachs, London; Analyst  
Goldtier, Mt. Laurel, NJ; Title Not Reported  
JP Morgan Chase, New York, NY; Business Analyst  
McMaster-Carr, Los Angeles, CA; Title Not Reported  
Merck, West Point, PA; IT Engineer  
Novantas, New York, NY; Analyst  
PriceWaterhouseCoopers, New York, NY; Consultant  
Self-Employed, Thimphu; Title Not Reported  
Valores Finamex, Mexico City; Structured Notes Analyst  
ZS Associates, Princeton, NJ; Title Not Reported  
ZS Associates, Princeton, NJ; Operations Research Associate

### **Engineering Dual Degrees**

Accenture, Atlanta, GA; Entry Level Analyst  
McKinsey, New York, NY; Business Analyst  
Mercer Oliver Wyman, New York, NY; Analyst  
Mercer Oliver Wyman, New York, NY; Consultant  
MIT Lincoln Laboratory, Lexington, MA; Associate Technical Staff  
Syncsort Inc., Woodcliff Lake, NJ; Associate Software Engineer  
US Patent & Trademark Office, Alexandria, VA; General Engineer

### **Engineering Dual Degrees & Wharton**

AQR Capital, Greenwich, CT, Analyst  
Goldman Sachs, New York, NY, Analyst  
Two River Group Holdings, LLC, New York, NY; Title Not Reported

### **Engineering & CAS**

#### **Applied Science - Biomedical Science & CAS**

Brigham and Women's Hospital, Boston, MA; Research Assistant  
Gleacher Partners, New York, NY; Financial Analyst  
Lazard, New York, NY; Financial Analyst

#### **Applied Science - Computer Science & CAS**

Bear, Stearns & Co., New York, NY; Analyst  
Goldman Sachs, New York, NY; Technology Analyst  
Hx Technologies, Philadelphia, PA; Software Engineer

#### **Applied Science - Individualized & CAS**

First Equity Card Corp., North Wales, PA; Analyst  
Lehman Brothers, New York, NY; Analyst

### **Bioengineering & CAS**

Accenture, Philadelphia, PA; Analyst  
IMS Health, Blue Bell, PA; Analyst  
University of Pennsylvania, Philadelphia, PA; Research Specialist

## **Employers Reported by Major (continued)**

### **Engineering & CAS (continued)**

#### **Computer Science & Engineering & CAS**

Microsoft, Redmond, WA; Program Manager

Morgan Stanley, New York, NY; Analyst

#### **Digital Media Design & CAS**

Electronic Arts, Redwood City, CA; Technical Artist

#### **Electrical Engineering & CAS**

MIT Lincoln Laboratory, Lexington, MA; Assistant Technical Staff

Savvian Advisors, San Francisco, CA; Analyst

#### **Mechanical Engineering & Applied Mechanics & CAS**

Knolls Atomic Power Laboratory, Schenectady, NY; Mechanical Engineer

Mercer Oliver Wyman, New York, NY; Consultant

### **Engineering & Wharton**

#### **Applied Science - Biomedical Science & Wharton**

Bank of America, Charlotte, NC; Analyst

Goldman Sachs, New York, NY; Analyst

Government of Singapore Investment Corporation, Singapore; Investment Officer

JPMorgan Chase, New York, NY; Analyst

McKinsey, Location Not Reported; Consultant

Mercer Oliver Wyman, New York, NY; Consultant

Teach For America, Chicago, IL; Corps Member

Two River Group Holdings, LLC, New York, NY; Title Not Reported

#### **Applied Science - Computer Science & Wharton**

AQR Capital, Greenwich, CT; Research Analyst

McKinsey, Florham Park, NJ; Business Analyst

Microsoft, Redmond, WA; Software Design Engineer in Test

Morgan Stanley, Menlo Park, CA; Analyst

#### **Applied Science – Individualized & Wharton**

Aksia Research & Management, New York, NY; Analyst

Bain & Company, New York, NY; Associate Consultant

Bank of America, New York, NY; Trader

Deutsche Bank, New York, NY; Analyst

Evercore Partners, New York, NY; Analyst

Goldman Sachs, New York, NY; Analyst

Goldman Sachs, New York, NY; Analyst

Goldman Sachs, New York, NY; Financial Analyst

Insight Venture Partners, New York, NY; Analyst

Jefferies & Company, New York, NY; Investment Banking Analyst

Lazard, New York, NY; Analyst

Lehman Brothers, New York, NY; Analyst

Lehman Brothers, New York, NY; Analyst

Microsoft, Redmond, WA; Program Manager

Morgan Stanley, New York, NY; Junior Research Associate

Pzena Investment Management, New York, NY; Research Analyst

UBS, Stamford, CT; Graduate Training Program

US Patent & Trademark Office, Alexandria, VA; Patent Examiner

#### **Bioengineering & Wharton**

ZS Associates, Princeton, NJ; Operations Research Analyst

#### **Chemical and Biomolecular Engineering & Wharton**

Consolidated Trading LLC, Chicago, IL; Title Not Reported

UBS, New York, NY; Analyst

## **Employers Reported by Major (continued)**

### **Engineering & Wharton (continued)**

#### **Computer & Telecommunications Engineering & Wharton**

Boston Consulting Group, Los Angeles, CA; Title Not Reported

#### **Computer Science & Engineering & Wharton**

AQR Capital, Greenwich, CT; Analyst

Goldman Sachs, New York, NY; Analyst

Goldman Sachs, New York, NY; NAPA

Lehman Brothers, New York, NY; Analyst

McKinsey, Philadelphia, PA; Analyst

Morgan Stanley, New York, NY; IT Analyst

#### **Digital Media Design & Wharton**

Monitor110, New York, NY; Title Not Reported

#### **Electrical Engineering & Wharton**

AQR Capital, Greenwich, CT; Analyst

Citigroup, New York, NY; Quantitative Analyst

JPMorganChase, New York, NY; Research Analyst

Lehman Brothers, New York, NY; Analyst

Lehman Brothers, New York, NY; Analyst

Mercer Oliver Wyman, New York, NY; Consultant

Royal Bank of Scotland, New York, NY; Analyst

#### **Materials Science & Engineering & Wharton**

Boston Consulting Group, New York, NY; Associate

McKinsey, New York, NY; Business Analyst

Morgan Stanley, New York, NY; Analyst

#### **Mechanical Engineering & Applied Mechanics & Wharton**

IBM Global Business Services, Fairfax, VA; Title Not Reported

McKinsey, New York, NY; Business Analyst

Morgan Stanley, New York, NY; Associate

#### **Systems Science & Engineering & Wharton**

Boston Consulting Group, New York, NY; Associate

Boston Consulting Group, New York, NY; Associate

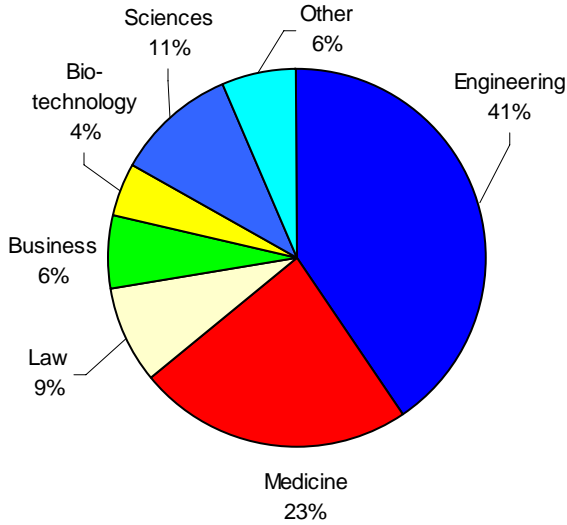
Goldman Sachs, New York, NY; Analyst

## **SECTION 4 - ANALYSIS OF GRADUATE STUDY RESPONDENTS**

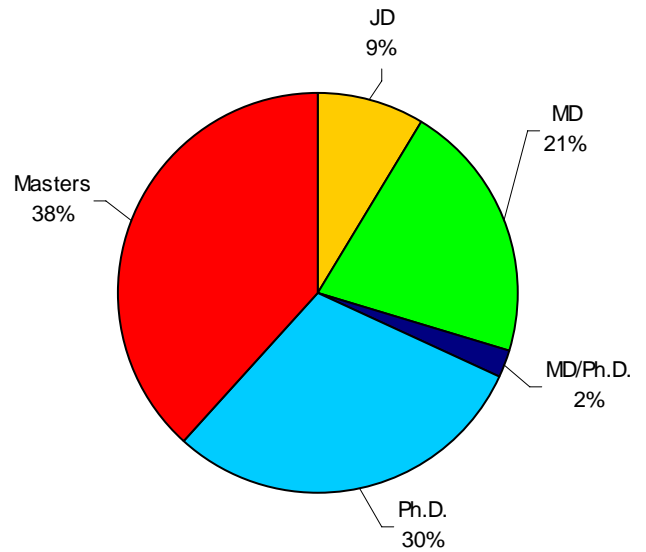
### **Fields of Full-time Graduate Study**

<u>Field</u>	<u>2007</u>	<u>2006</u>	<u>2005</u>
Engineering	40.4%	49%	44.1%
Medicine/Dentistry	23.4%	24.5%	23.7%
Business	6.4%	7.6%	3.4%
Architecture	0.0%	0.0%	0.0%
Biotechnology	4.3%	3.8%	1.7%
Education	0.0%	0.0%	0.0%
Law	8.5%	5.7%	15.3%
Multimedia	0.0%	0.0%	0.0%
Sciences	10.6%	not reported	not reported
Other	6.4%	9.4%	11.8%

### Areas of Graduate Study



### Graduate School Degrees



### Degrees Being Pursued

Major	Masters	PhD	MD/PhD	MD/DVM/DDS	JD	MBA
AS - Biomedical Science	1	1		2		
AS – Environmental Systems					1	
As - Individualized	3					
Bioengineering	8	6	1	6	1	
Chemical & Biomolecular Engineering		1		2		
Computer Science & Engineering		3				
Electrical Engineering	3	2				
Materials Science & Eng.		1			1	
Mechanical Eng. & Applied Mechanics	2					
Systems Science & Engineering	1				1	
<b>Total</b>	<b>18</b>	<b>14</b>	<b>1</b>	<b>10</b>	<b>4</b>	

### Graduate Schools Attended by Major

#### Applied Science – Biomedical Science

Georgetown University, MS; Physiology & Biophysics  
 Keck School of Medicine (USC), MD; Medicine  
 Medical University of South Carolina, MD; Medicine  
 University of South Florida, PhD; Interdisciplinary Biomedical Science

#### Applied Science – Environmental Systems

Columbia University, JD; Law

#### Applied Science – Individualized

Columbia University, MSE; Financial Engineering  
 University of Pennsylvania, MES; Environmental Policy  
 University of Southern California; MCM; Communications Management

## **Graduate Schools Attended by Major (continued)**

### **Bioengineering**

Boston University, MA; Economics  
Boston University, PhD; Neuroscience  
Columbia University, PhD; Biomedical Engineering  
Duke University, PhD; Biomedical Engineering  
Harvard University, MS; Epidemiology  
Harvard Medical School, MD; Medicine  
Keck School of Medicine (USC), MD; Medicine  
Mt. Sinai School of Medicine, MD; Medicine  
New York University School of Law, JD; Law  
New York University School of Medicine; MD; Medicine  
Princeton University, PhD; Chemical Engineering  
St. Georges University, School of Medicine, MD; Medicine  
Stanford University, PhD; Mechanical Engineering  
Stanford University, PhD; Neuroscience  
University of California, San Diego, MSE; Bioengineering  
University of Melbourne, MD; Medicine  
University of Oxford, MSc; Field of Study Not Reported  
University of Pennsylvania, MSE; Bioengineering  
University of Pennsylvania, MB; Biotechnology  
University of Pittsburgh, MS; Bioengineering  
University of Virginia, MD/PhD; Medicine/Bioengineering  
Vanderbilt University, MS; Biomedical Informatics

### **Chemical & Biomolecular Engineering**

Cleveland Clinic Lerner College of Medicine, MD; Medicine  
MIT, PhD; Chemical Engineering  
Temple University Medical School, MD; Medicine

### **Computer Science & Engineering**

Columbia University, PhD; Computer Science  
University of California, San Diego, PhD; Computer Science  
University of Maryland, PhD; Computer Science

### **Electrical Engineering**

Carnegie Mellon University, PhD; Electrical Engineering  
Stanford University, PhD, Computer Science  
University of Pennsylvania, MSE; Robotics, Automation & Control Theory  
University of Pennsylvania, MSE; Electrical Engineering  
University of Southern California, MS; Electrical Engineering

### **Mechanical Engineering & Applied Mechanics**

Texas A&M University, MS; Structural Geology  
University of Pennsylvania, MSE; Mechanical Engineering

### **Materials Science & Engineering**

Cornell University, JD; Law  
The Wharton School, PhD; Accounting

### **Systems Science & Engineering**

University of Pennsylvania, MSE; Systems Engineering  
University of Texas at Austin, JD; Law