

### Overview

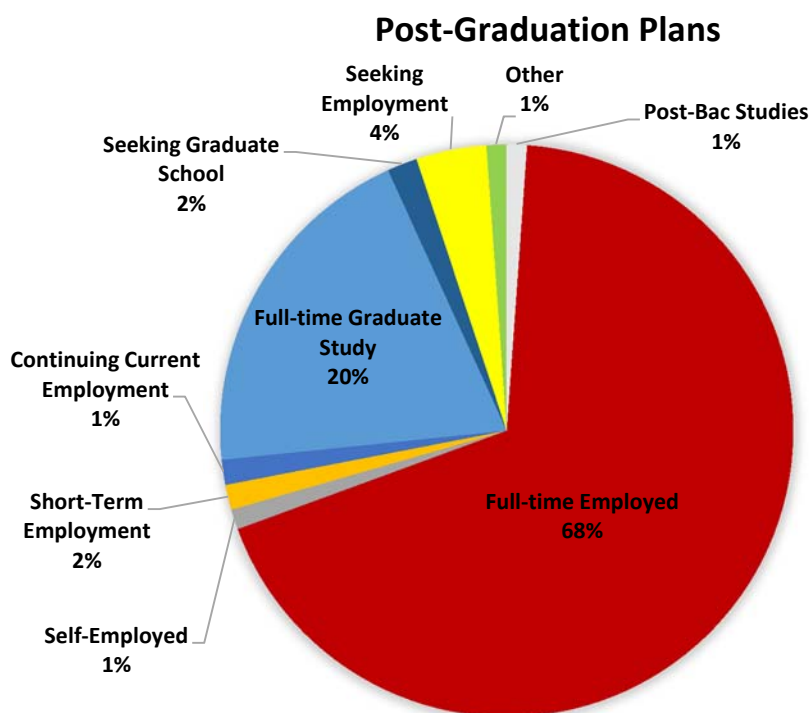
Each year Career Services surveys the SEAS graduating class to gather information about their post-graduation plans. This report summarizes the responses from August and December 2013, May 2014 BSE and BAS degree recipients. The school awarded 363 undergraduate degrees. Career Services received 353 responses, representing a 97.2% response rate.

The top industry in which graduates accepted positions is technology which posted a 9.4% increase over last year. Manufacturing, consulting and financial services also continue to be popular industries for our students, however each saw a decrease in accepted positions.

The overall average salary of the employed respondents rose by 3.7% to \$75,033 and more than 100 students reported receiving a sign-on bonus. As expected, engineers have the highest reported average starting salary of all Bachelor’s level students at Penn and a higher average salary than the national average for engineers. The average salary of Penn Engineering majors (not including computer science related) was \$68,464 compared to the national average of \$62,891. Graduates in computer related majors at Penn averaged \$85,249 compared to the national average of \$62,103 for graduates with computer related degrees. The national averages are provided by the National Association of Colleges and Employers, *NACE Salary Survey, September 2014 Executive Summary*.

Full-time employed engineers had an average of 4 job offers which was nearly twice as many as last year, and 61% accepted positions in the Mid-Atlantic or Northeast regions, a 2% increase over last year. The leading areas of study for students going to graduate school were 74.6% in engineering, 13.7% in medicine (a 7.7% increase over last year), and nearly 6% in the sciences.

Rosette Pyne, Senior Associate Director  
February 2015



## METHODOLOGY

Engineering students graduating with either a BAS or BSE degree in August 2013, December 2013 and May 2014 responded to several email requests to complete the Career Plans Survey on line between April and November 2014. The SEAS Academic Programs Office sent an email to the graduating students asking them to complete the survey as part of the graduation process. In November a friendly request (email and phone) was made to students who had not responded to earlier requests or who had previously indicated they were still seeking employment or graduate school admission. A search of LinkedIn was accessed to find or identify any updated information from those who had not responded to all requests; and this information was used if subsequent follow-up was verified by the graduate.

## SECTION 1 – PURSUITS

<u>Plan</u>	<u>Responses</u>	<u>2013-2014 %</u>	<u>2012-2013 %</u>	<u>2011-2012 %</u>
Full-time Employment	241	68.3	71.9	67.8
Self-Employed	4	1.1	3.1	1.5
Attending Full-Time Graduate School	70	19.9	19.4	21.1
Seeking Full-time Employment	14	4.0	3.9	4.8
Seeking Graduate School Admission	6	1.7	0.0	2.1
Other	4	1.1	1.1	0.0
Post-Baccalaureate Studies	4	1.1	.6	1.2
Accepted Short-Term Employment	5	1.4	0.0	1.5
Continuing Current Employment	5	1.4	0.0	0.0
<b>TOTAL</b>	<b>353</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

## SECTION 2 - ANALYSIS OF EMPLOYED RESPONDENTS

<b>Number Accepted</b>	<b>Organization</b>
8	Accenture
7	Amazon, Goldman Sachs, Google, Microsoft
5	Schlumberger
4	Applied Predictive Technologies, Boston Consulting Group, Citi, Deloitte, McKinsey & Company, Palantir Technologies, ZS Associates
3	BlackRock, Credit Suisse, IBM, JP Morgan, Morgan Stanley, United States Navy
2	Anheuser-Busch InBev, Barclays, Blackstone, Booz Allen Hamilton, Campbell Alliance, Epic Systems, Evercore Partners, ExxonMobil, LinkedIn, Lockheed Martin, Moelis & Company, PricewaterhouseCoopers, Silver Lake Partners, Space Exploration Technologies, Thrillist Media Group, University of Pennsylvania, Yahoo

### Geographic Distribution of Jobs

<u>Area</u>	<u>Number</u>	<u>Percent %</u>
United States		
Northeast	9	4
Mid-Atlantic	139	57
Southeast	11	4
Midwest	10	4
Southwest	7	3
West	49	20
Northwest	14	6
*Abroad	5	2
<b>Total</b>	<b>244</b>	<b>100.0%</b>

### Date Received Offer

31% of students received their job offer before returning for their Senior year

89% received their job offer by Graduation\*

\*195 reporting

\*Germany, Hong Kong, Panama, Singapore, Switzerland

## On-Campus Recruiting Interview Activity

Total Number of Employers: 390  
 Total Number of Scheduled Interviews: 11,167

### Range and Average Number of Interviews per Employed Student

	Range	Average
On-Campus Recruiting Interviews	1 - 40	6.4
Interviews Resulting from Career Services Leads	1 - 20	3.1
Interviews on Their Own	1 - 30	4.2
<b>All Interviews Combined</b>	<b>1 - 40</b>	<b>8.1</b>



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

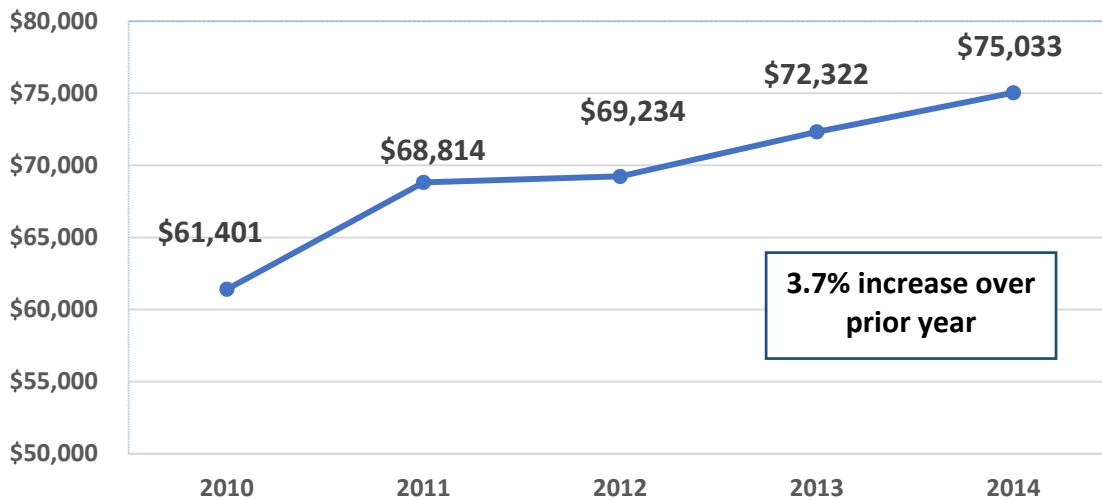
	Range	Average
On-Campus Recruiting Offers	1 - 12	2.1
Career Services Offers (Career Day, PennLink)	1 - 4	1.5
Offers from sources other than OCRS and Career Services	1 - 8	1.8
<b>All Offers Combined</b>	<b>1 - 20</b>	<b>4.2</b>



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

	Percent %
On-Campus Recruiting (OCR)	30
Previous OCR Employer (summer internship obtained through OCR, resulting in full-time offer)	15
Other Career Services Leads (career fairs, job postings, meet & greet events, programs)	12
Contacts	12
Department	1
Previous Non-OCR Employer (summer internship not obtained through OCR, resulting in full-time offer)	10
Applied Directly to Organization	16
Other	4

### Average Starting Salary by Year



### Average Starting Salary by Year

68% of the employed students reported their salaries.  
 The salary range for 2014 was \$29,000 - \$150,000.

### Average Bonus Figure

Sign-on Bonus: \$10,701 (based on 106 responses)  
 Annual Bonus: 85 graduates reported that they expect to receive an Annual Bonus

## Average Salary by Major

<u>Major**</u>	<u>Surveys with Salaries</u>	<u>Average Salary</u>	<u>Range</u>
Applied Science			
Biomedical Science	3	*	*
Computer Science	24	\$78,146	\$50,000- \$112,000
Individualized	1	*	*
Bioengineering	19	\$61,684	\$29,000 - \$87,000
Chemical & Biomolecular Eng.	17	\$72,412	\$60,000 - \$97,000
Computer Engineering	6	\$77,667	\$55,000 - \$110,000
Computer Science	27	\$90,111	\$50,000 - \$115,000
Digital Media Design	11	\$92,953	\$48,000 - \$131,981
Electrical Engineering	12	\$74,792	\$61,000 - \$95,000
Materials Science & Eng.	6	\$67,116	\$35,000 - \$100,000
Mechanical Eng. & Applied Mechanics	23	\$69,330	\$54,000 - \$150,000
Systems Science & Eng.	25	\$67,640	\$40,000 - \$90,000
SEAS – Single Degree	104	\$73,931	\$29,000 – \$150,000
SEAS/CAS – Dual Degree	4	\$83,000	\$70,000 – \$100,000
SEAS/WH – Dual Degree	51	\$76,368	\$32,000 – \$112,000
SEAS/SEAS Dual Degree	15	\$74,933	\$55,000 – \$110,000

\*Salary/Salaries not reported to maintain confidentiality

## Average Salary by Gender

<b>Degrees</b>	<b>Salary</b>	<b># of Respondents</b>
SEAS Only		
Female	\$73,248	47
Male	\$76,033	57
SEAS/CAS		
Female	*	1
Male	*	3
SEAS/WH		
Female	\$76,727	11
Male	\$76,675	40
2 SEAS		
Female	\$69,571	7
Male	\$79,625	8

\*Salary/Salaries not reported to maintain confidentiality

## Average Salary by Job Type

Job Type	# of Respondents	Average Salary	Range
<b>Consulting</b>			
Research	3	*	*
Technical/Information Systems	18	\$74,861	\$52,000 - \$100,000
Management/Strategy	15	\$69,733	\$54,000 - \$75,000
<b>Education</b>			
Teaching	1	*	*
<b>Energy/Environment</b>			
Exploration & Production	4	\$60,500	\$60,000 - \$62,000
Research & Management	2	*	*
<b>Engineering</b>			
Construction	1	*	*
Design	9	\$68,789	\$54,000 - \$105,000
Manufacturing/Production	5	\$60,200	\$55,000 - \$67,000
Research & Development	6	\$72,866	\$44,000 - \$90,000
Testing	1	*	*
Systems	4	\$67,000	\$55,000 - \$80,000
Project Management	8	\$68,375	\$35,000 - \$86,000
<b>Finance</b>			
Financial Planning & Analysis	2	*	*
Investment Mgmt./Counsel	7	\$73,571	\$70,000 - \$100,000
Investment Banking Analyst	21	\$70,952	\$65,000 - \$80,000
Trading	3	*	*
Private Equity Analyst	3	*	*
Securities Research Analyst	1	*	*
Venture Capital Analyst	1	*	*
<b>Information Technology</b>			
Software Developer/Engineer	33	\$92,681	\$50,000 - \$131,981
Systems Engineer/Analyst	2	*	*
Technology Analyst	1	*	*

Job Type	# of Respondents	Average Salary	Range
<b>Information Technology (Continued)</b>			
Technical Artist/Game Developer	1	*	*
Program Manager	5	\$104,200	\$95,000 - \$112,000
Data Analyst/Administrator	1	*	*
<b>Management/Administration</b>			
General Management	1	*	*
Operations	1	*	*
Entrepreneur/Founder	1	*	*
<b>Marketing</b>			
Buyer/Merchandising	1	*	*
Marketing Analysis/Research	2	*	*
Marketing Sales/Sales Account Mgmt.	1	*	*
Product Brand Management	5	\$73,900	\$55,000 - \$97,000
<b>Real Estate</b>			
Investment Analyst	1	*	*
<b>Scientific Research</b>			
Biomedical	2	*	*
Psychology	1	*	*

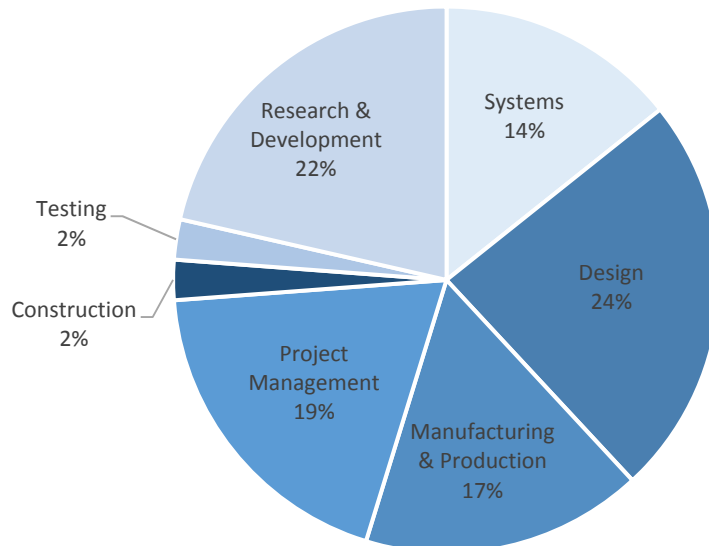
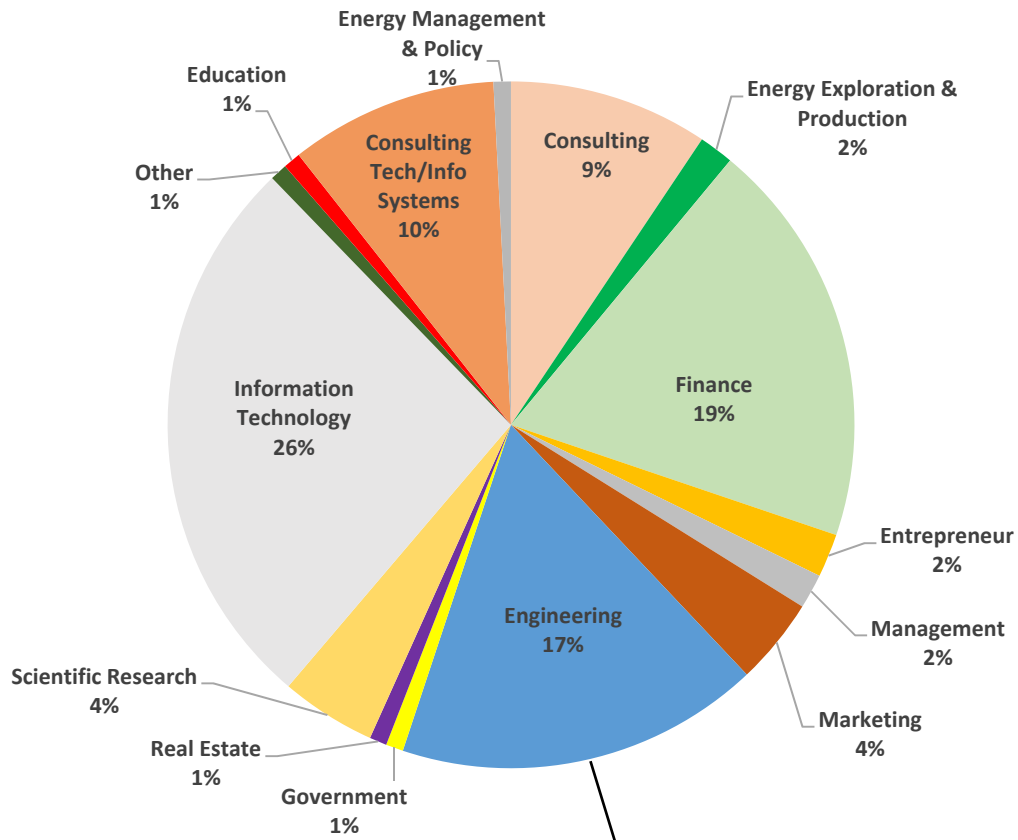
\* Salary/salaries not reported to maintain confidentiality

## Average Salary by Industry

Industry	# of Respondents	Average Salary	Range
<b>Communications</b>			
Media/Entertainment	5	\$70,900	\$48,000 - \$87,500
<b>Consulting</b>			
	32	\$70,078	\$52,000 - \$100,000
<b>Education</b>			
Elementary/Secondary	1	*	*
Research Labs/Centers Higher Education	2	*	*
<b>Energy/Natural Resources/Utilities</b>			
	9	\$69,444	\$60,000 - \$97,000
<b>Financial Services</b>			
	44	\$72,795	\$55,000 - \$100,000
<b>Healthcare: Hospital</b>			
	1	*	*
<b>Insurance</b>			
	1	*	*
<b>Manufacturing</b>			
Aerospace	7	\$63,599	\$60,000 - \$75,000
Electronics/Robotics	3	*	*
Consumer Products – household, personal care/food, etc.	3	*	*
Biomedical Products/Pharmaceuticals	3	*	*
Other Manufacturing	5	\$67,600	\$59,000 - \$78,000
<b>Real Estate/Construction</b>			
	3	*	*
<b>Technology</b>			
	50	\$92,109	\$60,000 - \$150,000
<b>Other</b>			
	4	\$57,625	\$50,000 - \$72,500

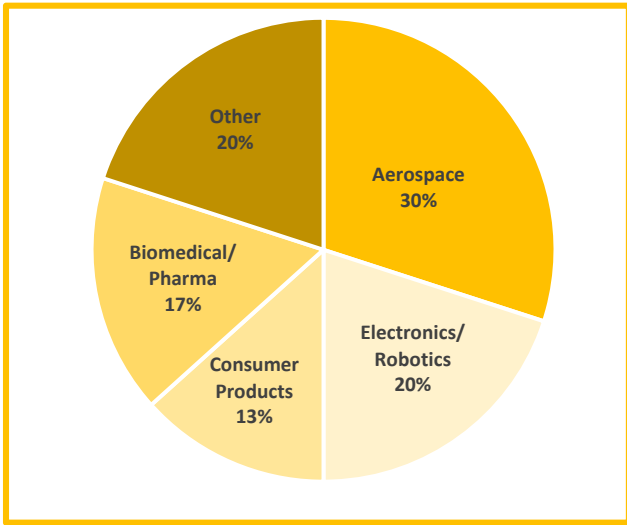
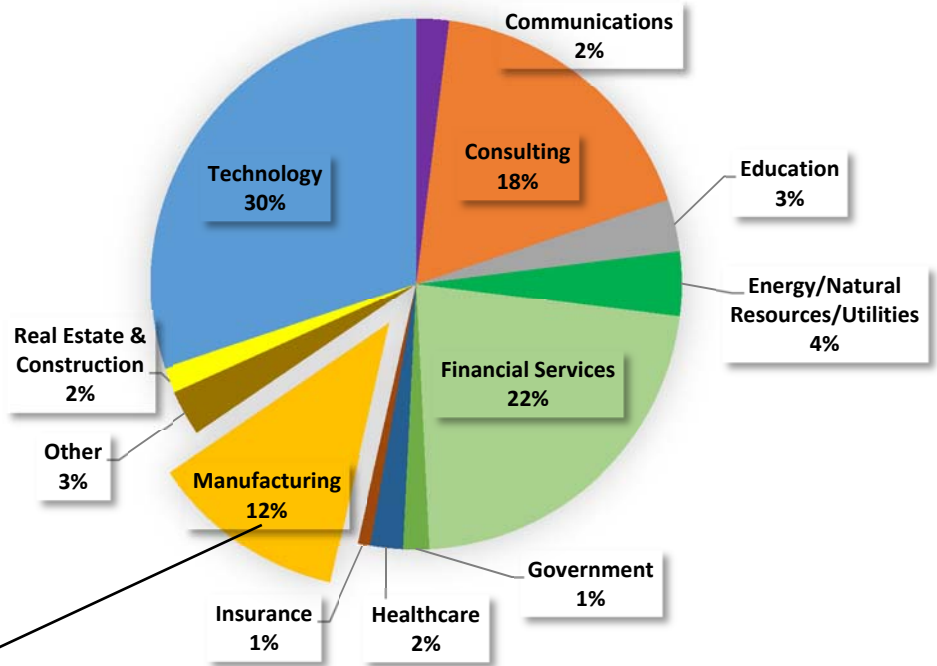
\* Salary/salaries not reported to maintain confidentiality

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





# All Employed Respondents by Industry (with Manufacturing Breakdown)



## Employers Reported by Major

### ENGINEERING SINGLE DEGREES

#### Applied Science-Biomedical Science

Epic Systems, Verona, WI, Technical Services Analyst  
Hanover Research, Washington, D.C., Title not provided

#### Applied Science – Computer Science

Deloitte, Washington, D.C., Business Technology Analyst  
Medium, San Francisco, CA, Software Engineer  
Microsoft, Redmond, WA, Product Marketing Manager  
Silver Point Capital, Greenwich, CT, Junior Analyst

#### Bioengineering

Accenture, Philadelphia, PA, Analyst  
Accenture, San Francisco, CA, Management Consulting Analyst  
American Bionostica, Swedesboro, NJ, QC/Product Development Engineer  
Boston Consulting Group, Chicago, IL, Associate  
Century 21, Birdsboro, PA, Realtor  
Children's Hospital of Philadelphia, Philadelphia, PA, Clinical Research Coordinator  
Cornell Weill Medical College, New York, NY, Data Control Assistant  
Drop Diagnostics, Philadelphia, PA, CTO  
eMarketer, New York, NY, Client Engagement Coordinator  
Epocrates, Princeton, NJ, Analytics Consulting Analyst  
Ernst & Young, New York, NY, Title not provided  
Fraunhofer IPA, Mannheim, Germany, Research Assistant  
Google, Mountain View, CA; Developer Programs Engineer  
Health Advances, LLC, Weston, MA, Analyst  
Massachusetts General Hospital, Boston, MA, Clinical Research Coordinator  
National Institutes of Health, Bethesda, MD, Post-Baccalaureate CRTA  
Payden & Rygel, Los Angeles, CA, Investment Analyst  
Perelman School of Medicine, Philadelphia, PA, Researcher  
Sayre Health Center, Philadelphia, PA, Peer Health Educator  
Squirrel Hill Health Center, Pittsburgh, PA, Patient Support Specialist  
Street Solutions, Inc., Location Not Provided, Business Technology Analyst  
Teach for America, New York, NY, Teacher (Swaziland)  
University of Miami, Coral Gables, FL, Research Associate  
University of Pennsylvania, Philadelphia, PA, Researcher  
University of Pennsylvania, Health System, Philadelphia, PA, Research Assistant  
Wistar Institute, Philadelphia, PA, Research Assistant  
ZS Associates, Princeton, NJ, Business Analytics Associate  
ZS Associates, San Mateo, CA, Business Associate  
ZS Associates, San Mateo, CA, Business Associate

#### Chemical and Biomolecular Engineering

A.F. Mensah, Princeton, NJ, Title not provided  
Allen & Company, New York, NY, Investment Banking Intern  
Campbell Alliance, Boston, MA, Analyst  
Campbell Alliance, New York, NY, Associate Consultant  
Clarkston Consulting, Philadelphia, PA, Associate Consultant  
Compact Membrane Systems, Newport, DE, Title not provided  
ExxonMobil, Fairfax, VA, Title not provided  
ExxonMobil, Fairfax, VA, Title not provided  
IBM, New York, NY, Consultant  
IBM, New York, NY, Consulting By Degrees Consultant  
Lannett Company, Philadelphia, PA, Project Engineer  
Schlumberger, Alice, TX, Field Engineer  
Schlumberger, Houston, TX, Field Engineer  
Schlumberger, Youngsville, LA, Title not provided  
ZS Associates, Princeton, NJ, Business Associate

#### Computer Engineering

FindTheBest, Santa Barbara, CA, Software Engineer  
General Assembly, New York, NY, Instructor, Web Development  
Goldman Sachs, New York, NY, Analyst  
ShowClix, Inc., Pittsburgh, PA, Software Engineer  
ViaSat, Carlsbad, CA, Hardware Engineer

## Computer Science

Adage Technologies, Chicago, IL, Software Developer  
Altiscale, Palo Alto, CA, Software Engineer  
Amazon, Seattle, NY, Software Engineering  
Applied Predictive Technologies, Washington, D.C., Software Developer  
Barclays, New York, NY, Analyst  
Bloomberg LP, New York, NY, Financial Software Developer  
Cisco, San Jose, CA, Engineering Project Manager  
Citadel LLC, Chicago, IL, Title not provided  
Gencore Systems, Philadelphia, PA, Software Engineer  
Family Owned Business, Philadelphia, PA, Manager  
Flatiron Health Inc., New York, NY, Software Engineer  
Google, Mountain View, CA, Software Engineer  
Google, Mountain View, CA, Software Engineer  
Microsoft, Redmond, WA, Program Manager  
Microsoft, Redmond, WA, Software Developer  
Novus Partners, New York, NY, Software Engineer  
Prudential, Princeton, NJ, Actuarial Associate  
Signal Hill Capital Group, New York, NY, Analyst  
Self Employed, Freelance Designer  
Twitter, San Francisco, CA, Title not provided  
Uptre, Palo Alto, CA, Title not provided  
Yahoo, Sunnyvale, CA, Software Engineer

## Digital Media Design

Clever, San Francisco, CA, Software Engineer  
Google, Mountain View, CA, Title not provided  
Google, New York, NY, Software Engineer  
Google, Zurich, Switzerland, Software Engineer  
Knewton, New York, NY, Software Engineer  
LinkedIn, New York, NY, Software Engineer  
Medium, San Francisco, CA, Engineer  
Muzzy Lane Software, Newburyport, MA, Content Producer  
Stubliher, Portland, OR, Visual Scientist  
The Artery VFX, New York, NY, Production Intern  
Thrillist Media Group, New York, NY, Full Stack Engineer  
Thrillist Media Group, New York, NY, Full Stack Developer  
VMware, Palo Alto, NJ, Interaction Designer

## Electrical Engineering

Accenture Technology Labs, San Jose, CA, Analyst  
Amazon, San Francisco, CA, Software Development Engineer  
AppNexus, New York, NY, Global Services Associate  
Bulogics, Philadelphia, PA, Junior Embedded Software Engineer  
Comcast/NBCUniversal, Philadelphia, PA, CORE Tech Associate  
comScore, Inc., New York, NY, Client Service Analyst  
Edmodo, San Mateo, CA, Software Engineer  
IBM, New York, NY, Consulting by Degrees Consultant  
Interhealth, Malvern, PA, .NET Developer  
L-3 Communications, Camden, NJ, Associate Software Engineer  
Macedon Technologies, Reston, VA, Consultant  
Tyco Fire and Security, Westminister, MA, Electrical Engineer 1  
uBeam, Inc., Los Angeles, CA, Electrical Engineer

## Materials Science and Engineering

AST Equity Plan Solutions, Philadelphia, PA, Reconciliations Specialist  
Deloitte, Philadelphia, PA, Business Technology Analyst  
Hewlett Packard Company, San Diego, CA, Materials Science Engineer  
Lockheed Martin, Cherry Hill, NJ, Associate Member Engineering Staff  
Metis Strategy, Washington, DC, Associate  
University of Pennsylvania, Goldman Biophysics Lab, Philadelphia, PA,

## **Mechanical Engineering and Applied Mechanics**

Accenture, Arlington, VA, Title not provided  
Accenture, New York, NY, Analyst  
Amazon, Seattle, WA, Brand Specialist  
Applied Predictive Technologies, Arlington, VA, Business Consultant  
Ausco, Inc., Farmingdale, NY, Mechanical Design Engineer,  
Automated Cells and Equipment, Painted Post, NY, Applications Engineer  
Av-DEC, Fort Worth, TX, Title not provided  
BlackRock, New York, NY, Analyst  
Booz Allen Hamilton, Aberdeen, MD, Engineering Consultant  
Emerson Regulator Technologies, McKinney, TX, Applications Engineer  
Holtec International, Marlton, NJ, Adjunct Project Manager  
Jacobs Engineering Group, Philadelphia, PA, Process Engineer  
Lockheed Martin, Littleton, CO, Mechanical Engineer  
Manitowoc Cranes, Shady Grove, NY, Engineer  
Nebu, Philadelphia, PA, CEO  
Raytheon, Andover, MA, Operations Leadership Development Program  
Schlumberger, Alice, TX, Field Engineer  
Schlumberger, Houston, TX, Mechanical Engineer  
Turner Construction Company, New York, NY, Field Engineer  
United States Navy, San Diego, CA, Commissioned Officer  
Victory Brewing Company, Parkesburg, PA, Assistant Brewer

## **Networked and Social Systems Engineering**

Intent Media, New York, NY, Product Manager

## **Systems Engineering**

Accenture, Sacramento, CA, Business and Systems Integration Analyst  
Accenture, San Francisco, CA, Analyst  
Accenture, Philadelphia, PA, Systems Integration Analyst  
Anheuser-Busch InBev, St. Louis, MO, General Management Trainee  
Anheuser-Busch InBev, St. Louis, MO, Logistics Development Program  
Apex Capital, New York, NY, Trader Trainee  
Barclays, Location Not Provided, Analyst  
Booz Allen Hamilton, Washington, DC, Technologist  
Boston Consulting Group, New York, NY, Associate  
Caesars Entertainment, Las Vegas, NV, Analyst  
CIGNA, Philadelphia, PA, TECDP Associate - Business Systems Analyst  
Citigroup, New York, NY, Analyst  
Goldman Sachs, New York, NY, Technology Analyst  
ICF International, Washington, DC, Research Assistant  
JP Morgan Chase, New York, NY, Banking Analyst  
Morgan Stanley, New York, NY, Sales Associate  
Nomura, New York, NY, Analyst  
Pace Harmon, Washington, DC, Analyst  
PricewaterhouseCoopers, New York, NY, Advisory Associate  
PricewaterhouseCoopers, Philadelphia, PA, Associate  
StyleSage, New York, NY, Data Engineering Intern  
Ubiqua, Panama, Title not provided  
United States Navy, Washington, DC, Naval Reactors Engineer

## **ENGINEERING DUAL DEGREES (BAS/BSE & MSE)**

### **Bioengineering**

Evercore Partners, New York, NY, Analyst  
Gap Inc., San Francisco, CA, Retail Management Program

### **Chemical and Biomolecular Engineering**

Accenture, Philadelphia, PA, SI-Consulting Analyst  
Chrysler Corporation, MI, Engineer,  
Deloitte Consulting, Philadelphia, PA, Business Technology Analyst

### **Computer Engineering**

Microsoft, Redmond, WA, Program Manager

### **Computer Science**

Amazon, Seattle, WA, Software Development Engineer  
Applied Predictive Technologies, Arlington, VA, Engineer In Test  
Bracket Computing, Sunnyvale, CA, Software Engineer

## **Digital Media Design**

Blackstone, New York, NY, Title not provided  
Facebook, New York, NY, Software Engineer  
Microsoft, Redmond, WA, Software Development Engineer

## **Electrical Engineering**

Bresslergroup, Philadelphia, PA, Electromechanical Engineer  
LinkedIn, Mountainview, CA, Analyst

## **Materials Science and Engineering**

United States Navy, Location Not Provided, Ensign

## **Mechanical Engineering and Applied Mechanics**

Boeing, Ridley Park, PA, Title not provided  
Boston Consulting Group, Chicago, IL, Associate  
Integral Group, Oakland, CA, Project Engineer  
Philadelphia Gas Works, Philadelphia, PA, Engineer I

## **Systems Engineering**

Anthropologie, Philadelphia, PA, Customer Strategy Analyst  
Epic Systems, Verona, WI, Technical Services Analyst  
Goldman Sachs, New York, NY, Technology Analyst  
Latinum Network, Bethesda, MD, Consulting Analyst

## **ENGINEERING & CAS**

### **Applied Science – Computer Science**

Amazon, Seattle, WA, Software Development Engineer  
BlackRock, New York, NY, Analyst  
Palantir Technologies, Palo Alto, CA, Civil Liberties Engineer  
RBS, New York, NY, Markets Analyst Fixed Income  
Yahoo, Sunnyvale, CA, Software Developer

### **Mechanical Engineering and Applied Mechanics**

BlackRock, New York, NY, Analyst

## **ENGINEERING & WH**

### **Applied Science – Biomedical Science**

Credit Suisse, Hong Kong, China, Investment Banking Analyst  
Insight Venture Partners, New York, NY, Analyst

### **Applied Science – Computer Science**

Amazon, Seattle, WA, Software Developer  
Bain & Company, San Francisco, CA, Associate Consultant  
Boston Consulting Group, New York, NY, Associate  
Citi, New York, NY, Technology Analyst  
Code for America, San Francisco, CA, Fellow  
Credit Suisse, New York, NY, Investment Banking Analyst  
Goldman Sachs, San Francisco, CA, Investment Banking Analyst  
J.P. Morgan, New York, NY, Analyst  
McKinsey & Company, Summit, NJ, Business Analyst  
Microsoft, Seattle, WA, Program Manager  
Microsoft, Redmond, WA, Program Manager  
Moelis & Company, Houston, TX, Analyst  
Mondelez International, East Hanover, NJ, Brand Assistant  
Morgan Stanley, Menlo Park, CA, Investment Banking Analyst  
Mu Sigma Inc., Location Not Provided, Analyst  
Silver Lake Partners, Menlo Park, CA, Analyst,  
Starwood Capital Group, Greenwich, CT, Analyst  
Y Combinator, San Francisco, CA, Head of Special Projects  
ZL Technologies, San Jose, CA, Product Manager

### **Applied Science – Individualized**

Morgan Stanley, Menlo Park, CA, Investment Banking Analyst

## **Bioengineering**

Deloitte Consulting, New York, NY, Business Analyst - Strategy & Operations  
Houlihan Lokey, Los Angeles, CA, Financial Analyst  
McKinsey & Company, New York, NY, Business Analyst  
Sankaty Advisors, Boston, MA, Analyst  
Silver Lake Partners, Menlo Park, CA, Private Equity Analyst  
University of Pennsylvania, Philadelphia, PA, Research Technician

## **Chemical and Biomolecular Engineering**

Citi, New York, NY, Investment Banking Analyst  
Citigroup, Singapore, Singapore, Analyst  
Oliver Wyman, New York, NY, Consultant

## **Computer Engineering**

Palantir Technologies, McLean, VA, Forward Deployed Engineer

## **Computer Science**

Amazon, Seattle, WA, Software Development Engineer  
Credit Suisse, New York, NY, Analyst  
Dataminr, Inc., New York, NY, Product Manager  
Dropbox, San Francisco, CA, Business Operations  
Evercore Partners, New York, NY, Investment Banking Analyst  
Goldman Sachs, New York, NY, Investment Banking Analyst

## **Computer Science continued...**

Goldman Sachs, New York, NY, Analyst - Securities  
Google, New York, NY, Site Reliability Engineer  
Greenhill & Co., New York, NY, Analyst  
H/2 Capital Partners, New York, NY, Analyst  
Millstein & Co., New York, NY, Financial Analyst  
Palantir Technologies, New York, NY, Software Engineer  
Palantir Technologies, New York, NY, Forward Deployed Engineer  
Sperch, San Francisco, CA, CEO  
Workday, Pleasanton, CA, Associate Product Manager

## **Digital Media Design**

McKinsey & Company, New York, NY, Business Analyst

## **Electrical Engineering**

Strategic Investment Group, Arlington, VA, Quantitative Investment Analyst  
Strategy& (Formerly Booz & Co), New York, NY, Consultant  
TPG, San Francisco, CA, Private Equity Analyst

## **Materials Science and Engineering**

Susquehanna International Group, Bala Cynwyd, PA, Assistant Trader

## **Mechanical Engineering and Applied Mechanics**

Blackstone Group, New York, NY, Analyst - Mergers and Acquisitions  
Goldman Sachs, New York, NY, Real Estate Private Equity Analyst  
Macquarie, New York, NY, Investment Banking Analyst

## **Systems Engineering**

Applied Predictive Technologies, Arlington, VA, Business Consultant  
J.P. Morgan, New York, NY, Investment Banking Analyst  
M&T Bank, Buffalo, NY, Management Development Program Trainee  
McKinsey & Company, New York, NY, Business Analyst  
Moelis & Company, Los Angeles, CA, Analyst  
Samlyn Capital, New York, NY, Research Analyst

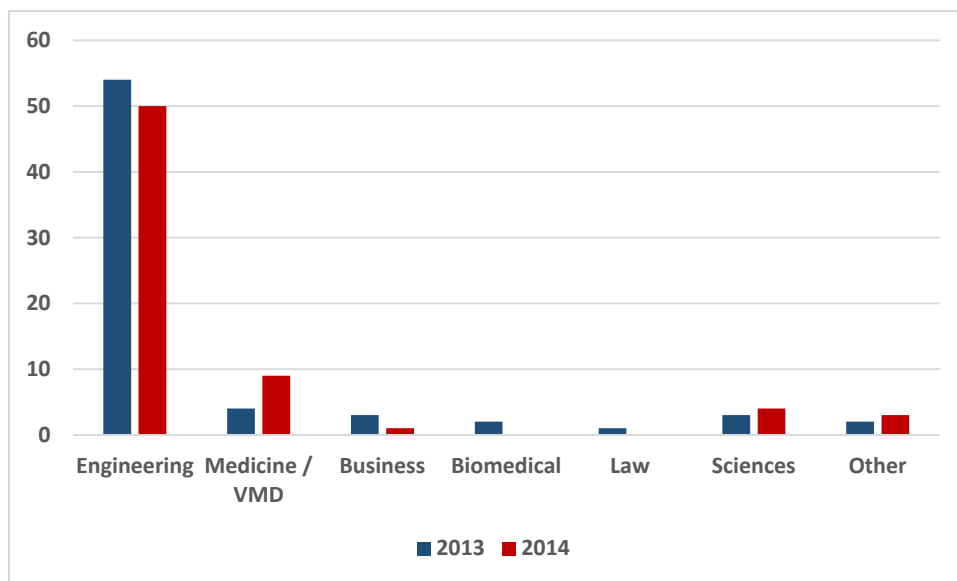
## SECTION 3 - ANALYSIS OF GRADUATE STUDY RESPONDENTS\*

### Degrees Being Pursued

Undergraduate Major	Masters	PhD	MD	MBA	VMD	JD
AS – Biomedical Science	1				1	
AS – Computational Biology		2				
AS – Computer & Cognitive Science		1				
AS – Computer Science		1				
Bioengineering	5	7	8			
Chemical & Biomolecular Engineering	1	7				
Computer Engineering		1				
Computer Science	5					
Digital Media Design	3					
Electrical Engineering	2	1				
Materials Science & Eng.	3	4				
Mechanical Eng. & Applied Mechanics	8	2		1		
Networked & Social Systems Engineering	1					
Systems Science & Engineering	2					
<b>Total</b>	<b>31</b>	<b>26</b>	<b>8</b>	<b>1</b>	<b>1</b>	

\*By SEAS undergraduate major

### Fields of Full-time Graduate Study



## Graduate Schools Reported by Major

### Graduate Schools to be Attended by Two or More Graduate Study Respondents

Caltech

 COLUMBIA UNIVERSITY  
IN THE CITY OF NEW YORK



MIT

Massachusetts Institute of Technology

Stanford University

 Penn  
UNIVERSITY of PENNSYLVANIA

### ENGINEERING SINGLE DEGREES

#### Applied Science-Biomedical Science

University of Pennsylvania, Philadelphia, PA, VMD, Veterinary Medicine

University of Pennsylvania, Philadelphia, PA, MSE, Mechanical Engineering & Applied Mechanics

#### Applied Science – Computational Biology

Cornell University, Ithaca, NY, PhD, Computational Biology and Medicine

University of Pennsylvania, Philadelphia, PA, PhD, Degree Program Not Provided

#### Bioengineering

Albert Einstein College of Medicine, Bronx, NY, MD, Medicine

Baylor College of Medicine or UT Southwestern School of Med., MD, Medicine

California Institute of Technology, Pasadena, CA, PhD, Bioengineering

Case Western Reserve University, Cleveland, OH, MD, Medicine

Cornell University, Ithaca, NY, PhD, Biomedical Engineering

Jefferson Medical College, Philadelphia, PA, MD, Medicine

Kent State University, Kent, OH, PhD, Liquid Crystals

Stanford University, Palo Alto, CA, PhD, Bioengineering

Tufts University, Boston, MA, PhD, Biomedical Science

University of Pennsylvania, Philadelphia, PA, PhD, Biostatistics

University of Pennsylvania, Philadelphia, PA, PhD, Bioengineering

University of Pennsylvania, Philadelphia, PA, MSE, Bioengineering

University of Pennsylvania, Philadelphia, PA, MSE, Bioengineering

University of Pennsylvania, Philadelphia, PA, MSE, Bioengineering

University of Pennsylvania, Philadelphia, PA, MSE, Systems Engineering

University of Pennsylvania, Perelman School of Medicine, Philadelphia, PA, MD, Medicine

University of Pennsylvania, Perelman School of Medicine, Philadelphia, PA, MD, Medicine

University of Wisconsin School of Medicine and Public Health, Madison, WI, MD, Medicine

Vanderbilt University School of Medicine, Nashville, TN, MD, Medicine

#### Chemical and Biomolecular Engineering

California Institute of Technology, Pasadena, CA, PhD, Chemical Engineering

Cornell University, Ithaca, NY, PhD, Chemical & Biomolecular Engineering

Cornell University, Ithaca, NY, PhD, Chemical and Biomolecular Engineering

Massachusetts Institute of Technology, Cambridge, MA, PhD, Chemical Engineering

University of California, Santa Barbara, Santa Barbara, CA, PhD, Chemical Engineering

University of California, Santa Cruz, Santa Cruz, CA, PhD, Electrical Engineering

University of Michigan, Ann Arbor, MI, PhD, Chemical Engineering

University of Pennsylvania, Philadelphia, PA, MSE, Chemical and Biomolecular Engineering

#### Computer Engineering

Columbia University, New York, NY, PhD, Computer Science



## **Computer Science**

University of Pennsylvania, Philadelphia, PA, MSE, Computer and Information Science  
University of Pennsylvania, Philadelphia, PA, MSE, Computer and Information Science  
University of Pennsylvania, Philadelphia, PA, MSE, Computer and Information Science  
University of Pennsylvania, Philadelphia, PA, MSE, Systems Engineering

## **Digital Media Design**

Academy of Art University, San Francisco, CA, MFA, 3D Animation  
University of Pennsylvania, Philadelphia, PA, MSE, Computer Graphics and Game Technology  
University of Pennsylvania, Philadelphia, PA, MSE, Computer Graphics and Game Technology

## **Electrical Engineering**

University of Pennsylvania, Philadelphia, PA, PhD, Electrical Engineering  
University of Pennsylvania, Philadelphia, PA, MSE, Robotics

## **Materials Science and Engineering**

California Institute of Technology, Pasadena, CA, PhD, Materials Science  
Cornell University, Ithaca, NY, PhD, Materials Science  
Harvard University, Cambridge, MA, PhD, Applied Physics  
University of Pennsylvania, Philadelphia, PA, MSE, Materials Science and Engineering  
University of Pennsylvania, Philadelphia, PA, MSE, Materials Science and Engineering  
University of Pennsylvania, Philadelphia, PA, MSE, Nanotechnology

## **Mechanical Engineering and Applied Mechanics**

Columbia University, New York, NY, MS, Degree Program Not Provided  
Technion - Israel Institute of Technology, Israel, MBA, Entrepreneurship  
UC Berkeley/ UC San Francisco, Berkeley/San Francisco, PhD, Bioengineering  
University of Pennsylvania, Philadelphia, PA, PhD, Mechanical Engineering and Applied Mechanics  
University of Pennsylvania, Philadelphia, PA, MSE, Mechanical Engineering and Applied Mechanics  
University of Pennsylvania, Philadelphia, PA, MSE, Mechanical Engineering and Applied Mechanics  
University of Pennsylvania, Philadelphia, PA, MSE, Mechanical Engineering and Applied Mechanics  
University of Pennsylvania, Philadelphia, PA, MSE, Mechanical Engineering and Applied Mechanics  
University of Pennsylvania, Philadelphia, PA, MSE, Mechanical Engineering and Applied Mechanics  
University of Pennsylvania, Philadelphia, PA, MSE, Robotics  
University of Pennsylvania, Philadelphia, PA, MSE, Robotics

## **Networked & Social Systems Engineering**

University of Pennsylvania, Philadelphia, PA, MSE, Computer and Information Science

## **Systems Engineering**

Massachusetts Institute of Technology, Cambridge, MA, MS, Transportation  
University of Pennsylvania, Philadelphia, PA, MSE, Robotics

## **ENGINEERING DUAL DEGREE (BAS/BSE & MSE)**

### **Materials Science and Engineering**

Massachusetts Institute of Technology, Cambridge, MA, PhD, Media Arts & Sciences/ Engineering,

## **ENGINEERING & CAS**

### **Applied Science – Computer and Cognitive Science**

University of Rochester, Rochester, NY, PhD, Brain & Cognitive Sciences and Linguistics

### **Applied Science – Computer Science**

Columbia University, New York, NY, PhD, Computer Science

### **Computer Science**

University of Pennsylvania, Philadelphia, PA, MSE, Robotics

## **ENGINEERING & WH**

### **Electrical Engineering**

Stanford University, Palo Alto, CA, MS, Graduate Field Not Provided

### **Bioengineering**

University of Pennsylvania, Philadelphia, PA, MSE, Mechanical Engineering and Applied Mechanics