Each year the Career Services office surveys the Penn Engineering students to gather information about their summer work experience. This year the students scheduled to graduate in December 2009, May and August 2010 participated in the survey. In August and October emails were sent to our listservs requesting students complete the on-line survey. In December 2009 and February 2010, personalized emails were sent to each student who had not yet responded. This resulted in an 87.5% response rate. 314 students completed the survey of the 359 eligible.

Similar to last year, the top sectors in which students accepted internships included manufacturing, financial services, and higher education. Within the manufacturing sector, the largest percentages of internships were in consumer products, aerospace, computer hardware and pharmaceuticals. 30% of the students accepted engineering jobs and of that group 66% had positions in research and development. This reflected a 4% increase over last year. Of those students reporting the date they received the offer they accepted, 42% were committed to a position prior to March 2009 and 53% accepted their position between March and May 2009. The overall average salary of the respondents who were employed full-time was $3,470 per month and for those employed part-time it was $1,451.

Summer Plans

- Employed 86%
- Took Courses 8%
- Other 3%
- Travelled 3%
SCHOOL OF ENGINEERING SUMMER SURVEY REPORT

Based on the Class of 2010

<table>
<thead>
<tr>
<th>School</th>
<th># of Respondents Reporting Salary</th>
<th>Average Monthly Salary Full-Time</th>
<th>Salary Range Full-Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering</td>
<td>115</td>
<td>$2,597</td>
<td>$800 – 8,000</td>
</tr>
<tr>
<td>Engineering/Engineering</td>
<td>10</td>
<td>$2,934</td>
<td>$1,000 – 5,350</td>
</tr>
<tr>
<td>Engineering/College</td>
<td>10</td>
<td>$3,682</td>
<td>$1,520 – 5,800</td>
</tr>
<tr>
<td>Engineering/Wharton</td>
<td>33</td>
<td>$4,668</td>
<td>$1,400 – 10,000</td>
</tr>
</tbody>
</table>

HOW RESPONDENTS RECEIVED THEIR INTERNSHIP

Includes all respondents

- On-Campus Recruiting: 22%
- Career Services Leads: 15%
- Online Site: 3%
- Contacts: 25%
- Special Programs: 3%
- Applied Directly: 12%
- Previous Employer: 8%
- Other: 12%

Total # of Students Responding to Survey: 314
87.5% of the Class

Full Time Employed:
- Number of Respondents: 230
- # Reporting Salary: 168
- Average Month Salary: $3,470
- Range: $800 – 10,000

Part-Time Employed:
- Number of Respondents: 40
- # Reporting Salary: 23
- Average Monthly Salary: $1,451
- Range: $270 – 4800
## SALARIES BY MAJOR – Full-Time Employed

<table>
<thead>
<tr>
<th>MAJOR</th>
<th>#</th>
<th>AVERAGE MONTHLY</th>
<th>MONTHLY RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS - Biomedical Science</td>
<td>10</td>
<td>$1,764</td>
<td>$1,160–3,420</td>
</tr>
<tr>
<td>AS - Computer &amp; Cognitive Science</td>
<td>9</td>
<td>$4,752</td>
<td>$3,040–6,000</td>
</tr>
<tr>
<td>AS - Computer Science</td>
<td>7</td>
<td>$4,316</td>
<td>$3,200–5,000</td>
</tr>
<tr>
<td>Bioengineering</td>
<td>27</td>
<td>$2,323</td>
<td>$1,000–6,800</td>
</tr>
<tr>
<td>Chemical &amp; Bimolecular Engineering</td>
<td>22</td>
<td>$3,030</td>
<td>$1,200–10,000</td>
</tr>
<tr>
<td>Computer &amp; Telecommunications Eng.</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Computer Science &amp; Engineering</td>
<td>18</td>
<td>$3,644</td>
<td>$1,428–5,600</td>
</tr>
<tr>
<td>Digital Media Design</td>
<td>8</td>
<td>$2,614</td>
<td>$800–5,800</td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>9</td>
<td>$3,195</td>
<td>$1,440–8,000</td>
</tr>
<tr>
<td>Materials Science &amp; Engineering</td>
<td>19</td>
<td>$3,289</td>
<td>$1,200–6,000</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>17</td>
<td>$2,556</td>
<td>$1,100–5,000</td>
</tr>
<tr>
<td>Systems Science &amp; Engineering</td>
<td>21</td>
<td>$3,605</td>
<td>$800–10,000</td>
</tr>
</tbody>
</table>

*Single salary not reported.
*Salaries for dual engineering majors are included in the average salary for each major.

## Employed Respondents by Job Type

**Includes Surveys With & Without Salaries**

**Employment by Job Type**

- Engineering 30%
- Construction 3%
- Project Management 4%
- Systems 4%
- Transportation 1%
- Manufacturing/Production 9%
- Research & Development 66%
- Design 6%
- Management 2%
- Marketing 2%
- Insurance 1%
- Other 3%
- Not For Profit 2%
- Real Estate 1%
- Information Technology 14%
- Education 2%
- Communications 1%
- Scientific Research 18%
- Energy 1%
- Consulting 4%

**Engineering**

- Research & Development 66%
- Project Management 4%
- Systems 4%
- Transportation 1%
- Manufacturing/Production 9%
- Testing 7%
- Construction 3%
- Design 6%
- Management 2%
- Marketing 2%
- Insurance 1%
- Other 3%
- Not For Profit 2%
- Real Estate 1%
- Information Technology 14%
- Education 2%
- Communications 1%
- Scientific Research 18%
- Energy 1%
- Consulting 4%
<table>
<thead>
<tr>
<th>Job Type (Surveys with Salaries)</th>
<th>Average Monthly Salary</th>
<th>Monthly Range</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Communications</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advertizing/Account Management(1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Production(1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Consulting</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Research (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Technical/Information Systems (3)</td>
<td>$3,600</td>
<td>$3,200 – 4,000</td>
</tr>
<tr>
<td>Management/Strategy (3)</td>
<td>$4,000</td>
<td>$3,600 – 4,400</td>
</tr>
<tr>
<td><strong>Education</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Teaching (3)</td>
<td>$2,533</td>
<td>$2,400 – 2,800</td>
</tr>
<tr>
<td><strong>Energy</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Research (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Engineering</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Design (3)</td>
<td>$3,227</td>
<td>$1,600 – 5,000</td>
</tr>
<tr>
<td>Manufacturing/Production (3)</td>
<td>$3,067</td>
<td>$1,400 – 5,000</td>
</tr>
<tr>
<td>Research &amp; Development (33)</td>
<td>$2,246</td>
<td>$1,200 – 6,000</td>
</tr>
<tr>
<td>Testing (6)</td>
<td>$2,964</td>
<td>$1,800 – 4,200</td>
</tr>
<tr>
<td>Transportation (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Systems (2)</td>
<td>$3,146</td>
<td>*</td>
</tr>
<tr>
<td>Project Management (2)</td>
<td>$2,642</td>
<td>*</td>
</tr>
<tr>
<td><strong>Finance</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Financial Planning &amp; Analysis (3)</td>
<td>$4,467</td>
<td>$3,400 – 6,000</td>
</tr>
<tr>
<td>Financial Services Marketing (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Energy Analyst (2)</td>
<td>$7,500</td>
<td></td>
</tr>
<tr>
<td>Mergers &amp; Acquisitions (5)</td>
<td>$6,277</td>
<td>$5,000 – 10,000</td>
</tr>
<tr>
<td>Private Equity/Venture Capital (4)</td>
<td>$4,400</td>
<td>$4,000 – 5,000</td>
</tr>
<tr>
<td>Securities Research Analyst (3)</td>
<td>$4,379</td>
<td>$3,520 – 5,000</td>
</tr>
<tr>
<td>Financial Generalist (4)</td>
<td>$4,773</td>
<td>$2,000 – 6,800</td>
</tr>
<tr>
<td>Trading (3)</td>
<td>$3,667</td>
<td>$3,600 – 6,000</td>
</tr>
<tr>
<td><strong>Government</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Military Officer (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Health Care</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hospital Administration (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Information Systems</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Applications Programming (4)</td>
<td>$4,741</td>
<td>$4,000 – 5,352</td>
</tr>
<tr>
<td>Software Design and Development (7)</td>
<td>$4,622</td>
<td>$3,200 – 5,352</td>
</tr>
<tr>
<td>Systems Analysis (2)</td>
<td>$2,800</td>
<td>*</td>
</tr>
<tr>
<td>Technology Analyst (3)</td>
<td>$4,280</td>
<td>$2,240 – 5,600</td>
</tr>
<tr>
<td>Technical Artist (5)</td>
<td>$2,773</td>
<td>$2,240 – 3,600</td>
</tr>
<tr>
<td>Web Design/Development (4)</td>
<td>$2,567</td>
<td>$800 – 5,800</td>
</tr>
<tr>
<td><strong>Insurance</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Actuarial (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Management</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Management (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Operations (2)</td>
<td>$2,560</td>
<td>*</td>
</tr>
</tbody>
</table>
Marketing
Marketing Analysis (3) $2,600 $1,000 – 3,600

Not for Profit
Administration (1) *

Real Estate
Investment Analyst (1)

Scientific Research
Biology/Biochemistry (6) $1,792 $1,296 – 2,800
Chemistry (3) $2,287 $1,200 – 3,420
Biomedical (19) $1,746 $1,000 – 3,040
Physics (1) *

Other
Other (4) $2,018 $1,352 – 3,200
*Single salaries not reported.

Employed Respondents by Industry
Includes Surveys With and Without Salaries

<table>
<thead>
<tr>
<th>Industry</th>
<th>#</th>
<th>Average Monthly</th>
<th>Monthly Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communications</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Film</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>12%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polymers/Ceramics</td>
<td>3%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pharmaceuticals</td>
<td>15%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aerospace</td>
<td>26%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consumer Products</td>
<td>23%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer Hardware</td>
<td>12%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electronics/Robotics</td>
<td>9%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biomedical Products</td>
<td>3%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health Care</td>
<td>7%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Government</td>
<td>3%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non Profit</td>
<td>2%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Services</td>
<td>9%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Technology</td>
<td>10%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Financial Services</td>
<td>23%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Energy</td>
<td>3%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Education</td>
<td>30%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SALARIES BY INDUSTRY – Full-Time Employed

INDUSTRY                        #       AVERAGE MONTHLY    MONTHLY RANGE

Communications
Advertising/Public Relations      1        *         *
Film                             1        *         *

Education
Elementary/Secondary Education   1        *         *
Higher Education                  5  $2,304 $1,920 – 2,400
Research Labs/Centers             42  $1,671 $1,000 – 2,560
For Profit Education              1        *         *
<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
<th>Average Salaries</th>
<th>Salary Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy/Natural Resources</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Petroleum</td>
<td>6</td>
<td>$4,553</td>
<td>$3,500 – 6,000</td>
</tr>
<tr>
<td>Financial Services</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Investment Banking</td>
<td>27</td>
<td>$5,535</td>
<td>$4,000 – 10,000</td>
</tr>
<tr>
<td>Investment Management</td>
<td>3</td>
<td>$4,712</td>
<td>$3,520 – 6,000</td>
</tr>
<tr>
<td>Insurance</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Venture Capital/Private Equity</td>
<td>5</td>
<td>$4,520</td>
<td>$4,000 – 5,000</td>
</tr>
<tr>
<td>Real Estate</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Financial Services</td>
<td>6</td>
<td>$3,140</td>
<td>$1,400 – 4,000</td>
</tr>
<tr>
<td>Government</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federal Government</td>
<td>2</td>
<td>$2,122</td>
<td>*</td>
</tr>
<tr>
<td>U.S. National Laboratories</td>
<td>3</td>
<td>$2,000</td>
<td>$2,000 - $2,000</td>
</tr>
<tr>
<td>U.S. Military Service</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Health Care</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hospital</td>
<td>9</td>
<td>$1,815</td>
<td>$1,540 – 2,400</td>
</tr>
<tr>
<td>Private Health Care</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Manufacturing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aerospace</td>
<td>7</td>
<td>$3,261</td>
<td>$1,400 – 5,000</td>
</tr>
<tr>
<td>Computer Products (Hardware)</td>
<td>2</td>
<td>$3,280</td>
<td>*</td>
</tr>
<tr>
<td>Electronics/Robotics</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Consumer Products</td>
<td>3</td>
<td>$3,436</td>
<td>$3,200 – 3,828</td>
</tr>
<tr>
<td>Biomedical Products</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Other</td>
<td>3</td>
<td>$3,200</td>
<td>$2,800 – 4,000</td>
</tr>
<tr>
<td>Pharmaceuticals</td>
<td>4</td>
<td>$3,075</td>
<td>$3,040 – 3,420</td>
</tr>
<tr>
<td>Services</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Consulting</td>
<td>6</td>
<td>$3,800</td>
<td>$3,200 – 4,400</td>
</tr>
<tr>
<td>Design</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Food Services</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Recreation/Sports</td>
<td>2</td>
<td>$2,150</td>
<td>*</td>
</tr>
<tr>
<td>Transportation</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Utilities</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Technology</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E-Commerce</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Internet Services</td>
<td>5</td>
<td>$1,846</td>
<td>$1,000 – 3,200</td>
</tr>
<tr>
<td>Online Information Provider</td>
<td>4</td>
<td>$4,686</td>
<td>$2,240 – 5,800</td>
</tr>
<tr>
<td>Software Products</td>
<td>3</td>
<td>$3,133</td>
<td>$800 – 5,000</td>
</tr>
<tr>
<td>Interactive Entertainment</td>
<td>4</td>
<td>$3,180</td>
<td>$2,880 – 3,600</td>
</tr>
</tbody>
</table>

*Single salaries not reported.
**Location of Internship**
*Includes all respondents*

- **Abroad:** Puerto Rico (1), Brazil (3), Canada, People’s Republic of China/Hong Kong (5), United Kingdom (1), India (2), South Korea (1), Mexico (1), Japan (1), Singapore (1), Tanzania (1), Trinidad and Tobago (1), Egypt (1), Israel (1), Panama (1), Republic of South Africa (1), Sri Lanka (1)

**Date Received Offer**
*Includes all respondents*

- 246 students reported the date they received the offer for the position they accepted.
- **Before September 2008:** 8%
- **September – December 2008:** 10%
- **January – February 2009:** 24%
- **March – May 2009:** 53%
- **June – July 2009:** 5%

**Employers with Most Offers Accepted**

<table>
<thead>
<tr>
<th>Employer</th>
<th>#</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Pennsylvania</td>
<td>54</td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>8</td>
</tr>
<tr>
<td>Children's Hospital of Philadelphia</td>
<td>7</td>
</tr>
<tr>
<td>National Science Foundation – REU</td>
<td>7</td>
</tr>
<tr>
<td>Barclays Capital</td>
<td>6</td>
</tr>
<tr>
<td>Citigroup</td>
<td>6</td>
</tr>
<tr>
<td>Electronic Arts</td>
<td>4</td>
</tr>
<tr>
<td>Lockheed Martin</td>
<td>4</td>
</tr>
<tr>
<td>Schlumberger</td>
<td>4</td>
</tr>
<tr>
<td>Centocor (Johnson &amp; Johnson)</td>
<td>3</td>
</tr>
<tr>
<td>Credit Suisse</td>
<td>3</td>
</tr>
<tr>
<td>JP Morgan</td>
<td>3</td>
</tr>
<tr>
<td>IBM</td>
<td>3</td>
</tr>
<tr>
<td>National Institutes of Health</td>
<td>3</td>
</tr>
<tr>
<td>Penn-Bochum -REACH - Research Internship Exchange Program</td>
<td>3</td>
</tr>
<tr>
<td>Accenture</td>
<td>2</td>
</tr>
</tbody>
</table>
POSITIONS REPORTED BY MAJOR – All Respondents

ENGINEERING DEGREE

Applied Science – Computational Biology
Wistar Institute, Philadelphia, PA, Lab Assistant

Applied Science – Biomedical Science
Barzilay Development, Philadelphia, PA, Intern
Centocor (Johnson & Johnson), Radnor, PA, Purification Intern
Children's Hospital of Philadelphia, Philadelphia, PA, Research Assistant
Crispin Porter & Bogusky, Miami, FL, Intern
Healthcare Capital, Westport, CT., Analyst
Hospital of the University of Pennsylvania, Philadelphia, PA, Research Coordinator
L'Oreal, Clark, NJ, Intern
McKay Orthopaedics Laboratory FOP, Philadelphia, PA, Volunteer Research Assistant
Memphis Heart Clinic, Memphis, TN, Patient Assistant/Phlebotomist
NSF-REU University of Pennsylvania, Philadelphia, PA, Researcher
Scripps Institution of Oceanography, San Diego, CA, Intern
University of Pennsylvania - Neuroscience Department, Philadelphia, PA, Laboratory Technician
University of Pennsylvania Health System - Radiology, Philadelphia, PA, Research Assistant
Weill Cornell Medical Center, New York, NY, Intern

Applied Science – Computer Science
NCB Bank, Saudi Arabia, Private Banking & Wealth Management Intern

Bioengineering
Abramson Cancer Research Institute, Philadelphia, PA, Research Assistant
Accenture, Philadelphia, PA, Analyst
Boyd's Mason Lake Resort, Fifield, WI, Resort Staff Member
Children's Hospital of Philadelphia, Philadelphia, PA, Research Assistant
Children's Hospital of Philadelphia, Philadelphia, PA, Research Assistant
Children's Hospital of Philadelphia, Philadelphia, PA, Research Assistant
Children's Hospital of Philadelphia, Philadelphia, PA, Research Assistant
Children's Hospital of Philadelphia, Philadelphia, PA, Student Researcher
Educational Development Center, Boston, MA, Position Not Provided
Gladstone Institute of Cardiovascular Disease, UCSF, San Francisco, CA, Volunteer Research Assistant
Harvard - MIT Health Sciences and Technology, Cambridge, MA, Research Intern
Innova Materials, Philadelphia, PA, Research and Development Team
Institute for Medicine for Engineering, Philadelphia, PA, Research Assistant
Lux Research Inc., New York, NY, Consulting Intern
Mayo Clinic, Rochester, MN, Summer Fellow
Mitsubishi-Tokio Marine Management, New York, NY,
Montefiore Medical Center, Bronx, NY, Position Not Provided
National Institutes of Health, Bethesda, MD, Bioengineering Summer Internship Program
National Institutes of Health, Bethesda, MD, Research Intern
ENGINEERING DEGREE (continued)

Bioengineering (continued)
National Institutes of Health, Bethesda, MD, Summer Research Student
NSF - REU University of Pennsylvania, Philadelphia, PA, SUNFEST Fellow
NSF - REU University of Puerto Rico; Tropical Ecology & Evolution, San Juan, PR, Researcher
Oregon Health and Science University, Portland, OR, Summer Intern
PENNCAP, Philadelphia, PA, Office Assistant
Plan International Tanzania, Dar es Salaam, Tanzania, Summer Intern
Summer Academy in Applied Science & Technology (SAAST), Philadelphia, PA, Resident Adv/Teaching Assistant
Synthes, West Chester, PA, R&D Intern
U.S. Environmental Protection Agency, Philadelphia, PA, Student Trainee (Environmental Engineer)
University of Pennsylvania - BE & CBE Departments, Philadelphia, PA, Researcher
University of Pennsylvania - BE Department, Philadelphia, PA, Undergraduate Research Assistant
University of Pennsylvania – BE Department, Philadelphia, PA, Undergraduate Research Internship
University of Pennsylvania - Glenolden Res. Lab/Gorman Cardiovascular Res. Lab, Glenolden, PA, Res. Associate
University of Pennsylvania - Physics Department, Philadelphia, PA, Scientific Programmer
University of Pennsylvania - SAAST, Philadelphia, PA, Residential Teaching Assistant
University of Pennsylvania - School of Medicine, Philadelphia, PA, Research Assistant
University of Pennsylvania - School of Medicine, Philadelphia, PA, Volunteer Research Assistant
University of Pennsylvania Center for Resuscitation Science, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Researcher

Bioengineering and Bioengineering (MSE)
Hospital of the University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania - BE/Neurology, Philadelphia, PA, Research Assistant

Bioengineering and Computer Science
Lockheed Martin, Gaithersburg, MD, College Student Technical Intern

Chemical & Biomolecular Engineering
American Beverage Company, Rio de Janeiro, Brazil, Intern
Anheuser-Busch InBev, Jaguariuna, SP, Brazil, Summer Challenge Intern
C2B2, Boulder, CO, Research Assistant
Center for American Progress, Washington, DC, Energy and Environmental Policy Intern
Centocor (Johnson & Johnson), Radnor, PA, Cell Culture Intern
Centocor (Johnson & Johnson), Raritan, NJ, Intern
CERV - Philippines, Quezon City, Philippines, Director
Chevron Corporation, Bakersfield, CA, Production Engineer
ConocoPhillips, Houston, TX, Commercial Intern
Duke Energy, Charlotte, NC, Strategy and Planning Intern
Hoffman La-Roche, Nutley, NJ, Scientific Intern
Johnson & Johnson, Skillman, NJ, Summer Intern
Meals on Wheels, Allentown, PA, Volunteer Driver
Monitor Group, Johannesburg, The Republic of South Africa, Summer Intern
Monsanto, St. Louis, MO, Breeding Intern
Self Employed
TapInko, Philadelphia, PA, Head Corporate Resident
Texas A&M University, College Station, TX, Researcher
Unilever, Colombo, Sri Lanka, Trainee
University of Pennsylvania - CBE Department, Philadelphia, PA, Research Assistant
University of Pennsylvania - CBE Department, Philadelphia, PA, Student Researcher
University of Pennsylvania - CBE Engineering, Philadelphia, PA, Lab Assistant
University of Pennsylvania - Chem Computing, Philadelphia, PA
University of Pennsylvania - Infant Language Center, Philadelphia, PA, Research Assistant
University of Pennsylvania - MEAM Department, Philadelphia, PA, Research Assistant
University of Pennsylvania - NSF and AMP Program Grant, Philadelphia, PA, Research Assistant
University of Pennsylvania - School of Medicine, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Environmental Science Lab Assistant
ENGINEERING DEGREE (continued)

Chemical & Biomolecular Engineering (continued)
University of Pennsylvania, School of Medicine, Philadelphia, PA, Position Not Provided
Vidfarma, Pombos PE, Brazil, Lab Assistant

Chemical & Biomolecular Engineering and Materials Science & Engineering
Schlumberger, Cairo, Egypt, Summer Intern

Computer Science
Barclays Capital, New York, NY, Summer Analyst
Capital IQ, New York, NY, Development Analyst

Computer Science & Engineering
Bank of America Merrill Lynch, Hopewell, NJ, Technology Analyst Intern
Barclays Capital, New York, NY, Summer Analyst
Barclays Capital, New York, NY, Technology Summer Analyst
Bloomberg, New York, NY, Financial Software Developer
Electronic Arts / Bioware, Austin, TX, Computer Programming Intern
Goldman Sachs, New York, NY, Summer Analyst
Google Inc., New York, NY, Software Engineer
Goya Foods, Inc, Secaucus, NJ, Marketing Intern
Invite Media, Philadelphia, PA, Solutions Engineer
Kuma Games, New York, NY, Intern
Maxwell Service Group Inc., Burlington, NJ, Information Technology Technician
UBS Investment Bank, Stamford, CT, Summer Analyst
University of Pennsylvania - Biology Department, Philadelphia, PA, Position Not Provided
University of Pennsylvania - CIS Department, Philadelphia, PA, Undergraduate Researcher
University of Pennsylvania - Computational Memory Lab, Philadelphia, PA, Undergraduate Research Assistant
University of Pennsylvania - Computer Science Department, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Conference Operations Manager
University of Pennsylvania, Philadelphia, PA, Position Not Provided
Webcollage Inc., Tel-Aviv, Israel, Software Engineer
WizeHive, Philadelphia, PA, Developer

Computer & Telecommunications Engineering
Information Technology Core, Helena, MT, Service Technician

Computer Science & Engineering and Computer and Informational Science
Google Inc., New York, NY, Software Engineer Intern
University of Pennsylvania - CIS Department, Philadelphia, PA, Research Assistant

Digital Media Design
Children's Hospital of Philadelphia, Philadelphia, PA, Non-Traditional Personnel
Dow Jones & Company, South Brunswick, NJ, IT Intern
Electronic Arts, Orlando, FL, Software Engineer Intern
Electronic Arts, Redwood City, CA, UX Intern
Evolution CE, Oceanside, NY, Freelancer
Freelance, Philadelphia, PA, Programmer/Artist
Howard Count Public School System, Columbia, MD, Position Not Provided
Palma VFX, San Francisco, CA, Technical Director Intern
Pixar Animation Studios, Emeryville, CA, Technical Director Intern
Smesh LLC, Lake Grove, NY, Programming Intern
University of Pennsylvania - Conference Services, Philadelphia, PA, Information Technology Advisor

Electrical Engineering
Canon Financial Services, Mt. Laurel, NJ, Infrastructure Intern
Centre for Policy Research, New Delhi, India, Intern
### ENGINEERING DEGREE (continued)

#### Electrical Engineering (continued)
- Goldman Sachs, Jersey City, NJ, Clearing Operations Summer Analyst
- Goldman Sachs, Jersey City, NJ, Summer Analyst
- IBM, Gaithersburg, MD, GBS Consultant - Intern
- L-3 Communications East, Camden, NJ, Electrical Engineering Intern
- Lockheed Martin, Honolulu, HI, College Student Tech Specialist
- National Hockey League, New York, NY, Summer Intern
- Thomas Jefferson University Health System, Philadelphia, PA, Research Assistant
- TTC, Newtown, PA, Intern
- University of Pennsylvania - Electrical & Systems Engineering Department, Philadelphia, PA, Research Assistant
- University of Pennsylvania - ESE Department, Philadelphia, PA, Researcher
- University of Pennsylvania – Kodlab, Philadelphia, PA, Summer Intern

#### Electrical Engineering and Dual Mechanical Engineering & Applied Mechanics
- University of Pennsylvania - GRASP Lab, Philadelphia, PA, Research Assistant

### Materials Science & Engineering
- Barclays Capital, New York, NY, Technology Analyst
- Carnegie Mellon University, Pittsburgh, PA, Researcher
- ExxonMobil, Clinton, NJ, Intern
- Harvard University, Boston, MA, Position Not Provided
- IBM, Hursley, United Kingdom, Extreme Blue Intern
- Lockheed Martin, Palmdale, CA, College Student Tech Senior
- Lucifer Lighting Company, San Antonio, TX, Operations, Manufacturing, Engineering Liaison
- Merrill Lynch, Tokyo, Japan, Summer Analyst
- NSF - REU Center on Polymer Interfaces & Macromolecular Assemblies, San Jose, CA, Researcher
- NSF - REU Harvard University, Cambridge, MA, Researcher
- NSF - REU Northwestern University, Evanston, IL, Participant
- NSF - REU University of Florida, Sao Paulo, SP, Brazil, Researcher
- Panama Canal Authority, Panama City, Panama, Summer Intern
- Penn-Bochum -REACH - Research Internship Exchange Program, Bochum, Germany, Research Analyst
- Schlumberger, Abilene, TX, Field Engineer
- Susquehanna International Group, Philadelphia, PA, Assistant Trader Intern
- University of Pennsylvania - Dept. of Cellular & Developmental Biology, Philadelphia, PA, Research Assistant
- University of Pennsylvania - LRSM, Philadelphia, PA, Research Assistant
- University of Pennsylvania - Physics Department, Philadelphia, PA, Lab Assistant
- University of Pennsylvania, Philadelphia, PA, Research Assistant

### Materials Science and Engineering and Materials Science and Engineering (MSE)
- Instream Partners, Menlo Park, CA, Intern
- L’Oreal, Clark, NJ, Intern
- University of Pennsylvania - LRSM, Philadelphia, PA, Research Assistant

### Mechanical Engineering & Applied Mechanics
- Blue Ridge Mountains Council, Boy Scouts of America, Hiwassee, VA, Director of Scoutmaster Programs
- Citigroup, New York, NY, Summer Analyst
- Grounds Unlimited, Chalfont, PA, Designer/Installer
- Human Network Labs, Philadelphia, PA, Network Optimization Engineer
- Johns Hopkins Center for Talented Youth, Baltimore, MD, Teaching Assistant
- MODLAB, Philadelphia, PA, Lab Assistant
- NASA, Cleveland, OH, Intern
- NASA, Hampton, VA, LARSS Summer Intern
- SAIC, Valley Forge, PA, Intern
- Schlumberger, Sugar Land, TX, REMS Intern
- Swift Engineering, San Clemente, CA, Engineering Intern
- The Burns Group, Engineering & Construction, Philadelphia, PA, Mechanical/Marketing Intern
- The Droid Works, Framingham, MA, Intern
ENGINEERING DEGREE (continued)
Mechanical Engineering & Applied Mechanics (continued)
The Office of James Ruderman, New York, NY, Engineering Intern
University of Pennsylvania - MEAM Department, Philadelphia, PA, Researcher
University of Pennsylvania - MEAM Department, Philadelphia, PA, Undergraduate Researcher
University of Pennsylvania Health System - Radiology, Philadelphia, PA, Researcher

Mechanical Engineering & Applied Mechanics and Robotics (MSE)
Willow Garage, Menlo Park, CA, Research Engineering Intern

Systems Science & Engineering
Accenture, Philadelphia, PA, Systems Integration Consultant
Aegis Property Group, Philadelphia, PA, Summer Intern
Avendus Capital, New York, NY, Summer Analyst
Barclays Capital, New York, NY, Summer Analyst
Calibre Systems, Alexandria, PA, Position Not Provided
Eastchester Summer Baseball Camp, Eastchester, NY, Position Not Provided
EMC Corporation, Miami, Fl, Sales Operations Intern
GlobalGiving (GG), Washington, DC, Supply Team Intern
Harbor Point Re, Bernardsville, NJ, Actuarial Analyst Intern
JP Morgan, New York, NY, Summer Analyst
Lockheed Martin, Moorestown, NJ, College Student Technical Senior
Munch Kings, Port of Spain, Trinidad and Tobago, Operations Manager
New Jersey Transit, Newark, NJ, Intern
Sintec, Monterrey, Mexico, Summer Associate
Spencer, Egg Harbor Township, NJ, Financial Analyst
Systems Engineering Group, Inc, Mount Laurel, NJ, Consultant
Tudor Investment Corp, Greenwich, CT, MIS Intern
University of Pennsylvania - Office of Student Financial Services, Philadelphia, PA, Staff Assistant
US Navy, Location Not Provided, Title Not Provided
Venmo, Philadelphia, PA, Product and Marketing Intern

ENGINEERING & CAS*

Applied Science – Biomedical Science and Sociology
University of Pennsylvania - BE Department, Philadelphia, PA, Research Scholar

Applied Science – Cognitive Science and Linguistics
University of Pennsylvania - CIS Department, Philadelphia, PA, Research Assistant

Bioengineering and Economics
Citigroup, Hong Kong, Hong Kong, Summer Analyst

Chemical & Biomolecular Engineering and Economics
Best Buy, Manchester, CT, Sales Associate
Schlumberger, Sugar Land, TX, Field Engineering Intern

Chemical & Biomolecular Engineering and Biotechnology
University of Pennsylvania - Center for Research on Reproduction, Philadelphia, PA, Research Assistant

Computer Science & Engineering and Economics
Goldman Sachs, New York, NY, Position Not Reported

Computer Science & Linguistics
IBM, Austin, TX, Extreme Blue Technical Intern
Computer Science & Engineering and Mathematics
Citigroup, New York, NY, Summer Analyst

Digital Media Design and Fine Arts
Facebook, Palo Alto, CA, Product Design Intern

Mechanical Engineering & Applied Mechanics and English
Penn-Bochum -REACH - Research Internship Exchange Program, Bochum, Germany, Scholarship Recipient

Mechanical Engineering & Applied Mechanics and Economics
University of Pennsylvania - Haptics Lab, Philadelphia, PA, Research Assistant

Mechanical Engineering & Applied Mechanics and Math
University of Pennsylvania - GRASP Laboratories, Philadelphia, PA, Undergraduate Researcher

Systems Science & Engineering and Finance
Insight Venture Partners, New York, NY, Analyst

Systems Science & Engineering and Economics
Company Not Reported, New York, NY, Analyst
United Technologies Corporation, Farmington, CT, Intern

Systems Science & Engineering and Math and Systems Science & Engineering (MSE)
Booz Allen Hamilton, Herndon, VA, Intern

ENGINEERING & WHARTON*

Applied Science –Biomedical Science and Biotechnology (MB) and Healthcare Management and Policy
University of Pennsylvania - Bioengineering Department, Philadelphia, PA, Researcher

Applied Science –Computer Science and Finance
Allstate Investments, LLC, Chicago, IL, Quantitative Summer Analyst
Bank of America Merrill Lynch, New York, NY, Investment Banking Analyst
CapitaLand, Singapore, Singapore, Analyst
Citigroup, New York, NY, Summer CMBS Analyst
Citigroup, Seoul, South Korea, Intern
Company Not Reported, Chicago, IL, Intern Trading
Credit Suisse, New York, NY, Summer Analyst
Goldman Sachs, Hong Kong, People’s Republic of China, Analyst
Goldman Sachs, New York, NY, Summer Analyst
Lazard, New York, NY, Analyst Intern

ENGINEERING & WHARTON* (continued)

Applied Science – Computer Science and Management
Electronic Arts, Redwood Shores, CA, Product Management Intern

Applied Science – Computer Science and Operations Information and Management
ZS Associates, Princeton, NJ, Business Information Specialist Intern

Applied Science – Computer Science and Finance and Operations Information and Management
Goldman Sachs, New York, NY, Summer Analyst

Bioengineering and Finance
Perella Weinberg Partners, New York, NY, Summer Analyst

Bioengineering and Finance and Entrepreneurship and Innovation
Oliver Wyman, New York, NY, Summer Analyst
Chemical & Biomolecular Engineering and Finance
Credit Suisse, New York, NY, Summer Analyst
EG Capital, New York, NY, Summer Analyst
MBF Clearing Corporation, New York, NY, Intern
Sanford C. Bernstein, New York, NY, Junior Research Associate Intern

Computer Science and Finance
Goldman Sachs, New York, NY, Summer Analyst
Jefferies & Co., New York, NY, Summer Analyst

Computer Science & Engineering and Finance
Edutainment Systems, Philadelphia, PA, Database Administrator
JP Morgan, Hong Kong, Hong Kong, Summer Analyst

Computer Science and Marketing and Entrepreneurship and Innovation
Achiever Institute, Fremont, CA, Consultant

Computer Science & Engineering and Economics
Sanford C. Bernstein & Co., LLC, New York, NY, Junior Research Associate

Computer Science and Finance
Citigroup, New York, NY, Summer Quantitative Analyst

Computer Science and Operations and Information Management
Invite Media, Philadelphia, PA, Senior Software Engineer

Electrical Engineering and Finance
University of Pennsylvania Health System - Radiology, Philadelphia, PA, Researcher
University of Pennsylvania - Engheta Research Group, Philadelphia, PA, Research Assistant

Electrical Engineering and Management
PhilanthropyWorks, Singapore, Singapore, Intern

Materials Science & Engineering and Finance
Bain Capital - Sankaty Advisors, Boston, MA, Summer Analyst
Barclays Capital, Houston, TX, Investment Banking Summer Analyst
Houlihan Lokey Howard & Zukin, New York, NY, Summer Financial Analyst
Investment Technology Group, New York, NY, Transaction Cost Consulting Intern
Merrill Lynch, Hong Kong, Hong Kong, Summer Analyst
Morgan Stanley, Hong Kong, Hong Kong, Summer Analyst
Penn-Bochum - REACH - Research Internship Exchange Program, Bochum, Germany, Researcher
The Blackstone Group, New York, NY, Summer Analyst

Materials Science & Engineering and Insurance & Risk Management
Wikinvest, San Francisco, CA, Industry Writer

Mechanical Engineering & Applied Mechanics and Accounting
University of Pennsylvania - SEAS, Philadelphia, PA, Pre-Freshman Program TA

Mechanical Engineering & Applied Mechanics and Operations & Information Management
University of Pennsylvania, Philadelphia, PA, Student Researcher

Mechanical Engineering & Applied Mechanics and Finance
JP Morgan, New York, NY, Summer Analyst
National Stock Exchange of India Ltd., Mumbai, India, Summer Intern
Omega Engineering, Stamford, CT, Senior University Intern
Mechanical Engineering & Applied Mechanics and Management
Ivy Insiders, Cambridge, MA, Branch Manager

Mechanical Engineering & Applied Mechanics and Management and Integrated Product Design (MSE)
BESU, Kolkata, WB, India, Student Researcher and Designer
KPScholars, Washington, MA, Position Not Provided

Systems Science & Engineering and Business and Public Policy
Max Brenner Restaurants, Philadelphia, PA, Server

Systems Science & Engineering and Finance
Credit Suisse, San Francisco, CA, Summer Analyst
Pegasus Capital Advisors, New York, NY, Private Equity Summer Analyst

Systems Science & Engineering and Operations & Information Management
Jefferies & Co., New York, NY, Summer Analyst
Microsoft Corp., Redmond, WA, Summer Analyst

* All employers/positions are also listed by Engineering major