SUMMER 2012 SURVEY OF RISING JUNIORS—CLASS OF 2014

OVERVIEW

Career Services surveys students at the end of the summer, seeking information about students’ summer activities. Students in the class of 2014 were “rising juniors” during Summer 2012, and 202 (48%) of 420 students completed this survey. Rising juniors may engage in a range of summer activities: taking courses at Penn, elsewhere, or abroad; volunteering; interning in a paid or unpaid, full-time or part-time position; traveling; engaging in research on one’s own or at Penn or another institution; externing or job shadowing; or any combination of summer activities.

For the class of 2014, 88% of the respondents shared information about work experiences (summer job, internship, volunteer work, externship)—both full-time and part-time.

Prepared by Beth Olson, Associate Director
April 2013

SUMMER 2012 PRIMARY ACTIVITY
(as reported by 202 students)

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WORK EXPERIENCES—HOURS AND WAGES

<table>
<thead>
<tr>
<th></th>
<th>Full-Time Employment</th>
<th>Part-Time Employment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Respondents:</td>
<td>141</td>
<td>31</td>
</tr>
<tr>
<td>Unpaid Position:</td>
<td>15</td>
<td>9</td>
</tr>
<tr>
<td>Did not report Salary:</td>
<td>18</td>
<td>6</td>
</tr>
<tr>
<td>Paid Position:</td>
<td>108</td>
<td>16</td>
</tr>
<tr>
<td>Average Monthly Salary:</td>
<td>$2,620</td>
<td>$1,047</td>
</tr>
<tr>
<td>Salary Range:</td>
<td>$300–$6,667</td>
<td>$300–$2,000</td>
</tr>
<tr>
<td>Average Hours per Week:</td>
<td>44</td>
<td>20</td>
</tr>
<tr>
<td>Range of Hours per Week:</td>
<td>35–90</td>
<td>3–34</td>
</tr>
</tbody>
</table>

HOW STUDENTS OBTAINED SUMMER POSITIONS
(as reported by 165 students)

<table>
<thead>
<tr>
<th>Method</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied directly to organization</td>
<td>33.3%</td>
</tr>
<tr>
<td>Contacts: family/friend/professor/other</td>
<td>23.6%</td>
</tr>
<tr>
<td>Career Services: non-OCR leads</td>
<td>16.4%</td>
</tr>
<tr>
<td>Career Services: On-Campus Recruiting (OCR)</td>
<td>5.5%</td>
</tr>
<tr>
<td>Penn Sponsored Internship Program</td>
<td>4.8%</td>
</tr>
<tr>
<td>Online job/intern site (not PennLink or iNet)</td>
<td>4.8%</td>
</tr>
<tr>
<td>Previous employer</td>
<td>7.9%</td>
</tr>
<tr>
<td>Special program (i.e., SEO, Inroads, HACU)</td>
<td>7.9%</td>
</tr>
<tr>
<td>Other</td>
<td>7.9%</td>
</tr>
</tbody>
</table>

DATE SUMMER OFFER RECEIVED
(as reported by 165 students)

<table>
<thead>
<tr>
<th>Date</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prior to January 2012</td>
<td>16.4%</td>
</tr>
<tr>
<td>January 2012</td>
<td>5.5%</td>
</tr>
<tr>
<td>February 2012</td>
<td>4.8%</td>
</tr>
<tr>
<td>March 2012</td>
<td>29.7%</td>
</tr>
<tr>
<td>April 2012</td>
<td>23.0%</td>
</tr>
<tr>
<td>May 2012</td>
<td>12.7%</td>
</tr>
<tr>
<td>June/July 2012</td>
<td>7.9%</td>
</tr>
</tbody>
</table>
EMPLOYERS WITH MOST OFFERS ACCEPTED
(includes full-time and part-time positions)

University of Pennsylvania ....................... 23
Google .................................................. 5
Comcast ............................................... 3
Goldman Sachs ..................................... 3
Microsoft ............................................. 3
Perelman School of Medicine .................... 3
Children's Hospital of Philadelphia ............ 2
Forefront Capital Management ................... 2
Guggenheim Partners ............................... 2
LinkedIn .............................................. 2
Morgan Stanley ..................................... 2
University of Colorado, Boulder ............... 2

LOCATION OF SUMMER POSITIONS

- California 19.7%
- Colorado 2%
- Connecticut 1.3%
- District of Columbia 1.3%
- Florida 0.7%
- Illinois 0.7%
- Maine 1.3%
- Maryland 2%
- Massachusetts 2%
- Minnesota 1.3%
- Missouri 0.7%
- New Jersey 5.9%
- New York 17.1%
- North Carolina 0.7%
- Ohio 0.7%
- Oregon 0.7%
- Pennsylvania 37.5%
- Tennessee 0.7%
- Texas 0.7%
- Utah 0.7%
- Washington 2.6%

INTERNATIONAL EXPERIENCES
(as reported by 27 students)

- Completed classes overseas 11%
- Worked overseas 78%
- Traveled overseas 11%
Summer Positions by Industry

Summer Positions Reported by Major
(includes all respondents—full-time and part-time; paid and unpaid)

Engineering Degree

Applied Science - Biomedical Science
Philadelphia Zoo, Philadelphia, PA, Primate Researcher

Applied Science - Computational Biology
University of California, Berkeley BioChIP Program, Berkeley, CA, Bio-engineering Research

Applied Science - Computer Science
Google, Cambridge, MA, Software Engineering Intern

Bioengineering
AllRecipes.com, Mexico City, Mexico, Content Acquisition Intern
Arcons Technology, San Carlos, CA, Intern
Ariad Pharmaceuticals, Cambridge, MA, Biology Intern
Azumio Inc., Palo Alto, CA, Summer Intern
Brown University, Orthopedic and Development Biomechanics Lab, Boston, MA, Research Intern
Columbia University, New York, NY, Research Assistant
Engineering World Health, Rivas, Nicaragua, Biomedical Engineering Student
Fisherman's Catch Restaurant, Wells, ME, Waitress
National Institutes of Health, Bethesda, MD, Summer Student
Perelman School of Medicine, Philadelphia, PA, Research Assistant
Santa Cruz County Parks and Rec., Santa Cruz, CA, Staff Member
TD Bank, Cherry Hill, NJ, Mass Affluent Product Intern
Theravance, Inc., South San Francisco, CA, Summer Intern
Translational Center for Regenerative Medicine, Leipzig, Germany, Intern
University of Colorado, Boulder, Boulder, CO, Intern
University of Maryland College Park, Bioengineering Department, College Park, MD, Research Assistant
University of Miami, Department of Biomedical Engineering, Miami, FL, Research Assistant
University of Pennsylvania, HHMI, Philadelphia, PA, Research Assistant
University of Pennsylvania, McKay Orthopaedic Research Laboratory, Philadelphia, PA, Research Assistant
University of Pennsylvania, Penn GEMS, Philadelphia, PA, Camp Counselor
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Researcher
University of Pennsylvania, Spine Pain Research Lab, Philadelphia, PA, Research Assistant

Chemical and Biomolecular Engineering
Achillion Pharmaceuticals, New Haven, CT
Cornell University, New York, NY
Ecological, New York City, NY, Research Analyst
Feinstein Institute for Medical Research, Manhasset, NY, Summer Research Intern
GE, Dubai, United Arab Emirates
Naval Research Laboratory, Washington, DC, Physical Science Aid
Perelman School of Medicine, Stellar-Chance Labs, Philadelphia, PA, Researcher
Pfizer, Saint Louis, MO, Pharmaceuticals and Formulation Student Worker
Robin Hood Ventures, Philadelphia, PA, Summer Analyst
Sears Holding Company, Colorado Springs, CO, Consultative Sales Associate
University of Minnesota, Minneapolis, MN, Research Assistant
University of Pennsylvania, Penn GEMS Camp, InnoWorks Camp, Philadelphia, PA
University of Pennsylvania, Philadelphia, PA, Littlejohn Research Fellow
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant

Computer Engineering
Comcast, Philadelphia, PA, Tech Ops/XQA Intern
Goldman Sachs, New York, NY
Ralph's Italian Ices, Patchogue, NY, Manager
University of Pennsylvania, Grasp Lab, Philadelphia, PA

Computer Science
Cardinell Enterprises, Baltimore, MD
Center for Free Enterprise, Seoul, Republic of Korea, Intern
Financial Industry Regulatory Association (FINRA), New York City, NY, Project Management Intern
Google, Mountain View, CA, Software Engineering Intern
Klout, San Francisco, CA, Mobile Development Intern
Microsoft, Redmond, WA, Explore Intern
PagerDuty, San Francisco, CA, Ruby on Rails Engineering Intern
Synaptics, Sunnyvale, CA, User Experience and Concept Prototyping Intern
The Vanguard Group, Malvern, PA
Digital Media Design
DJTechTools, San Francisco, CA, Graphics/Engineering Intern
Google, New York, NY, Engineering Practicum Intern
Invidio, Philadelphia, PA, UX Developer Intern
Microsoft, Redmond, WA
PriceGrabber.com, Web Designer Intern
University of Minnesota, DREU, Minneapolis, MN, Intern/Researcher
University of Pennsylvania, Philadelphia, PA, Intern
University of Southern California Institute for Creative Technologies, Los Angeles, CA, Summer Intern
Washington Post, Washington, DC, Software Engineering Intern

Electrical Engineering
A&P, Califon, NJ, Clerk
Comcast, Philadelphia, PA, Technical Operations Intern
Honeywell Scanning and Mobility, Blackwood, NJ, Hardware Engineer 1
Johns Hopkins REU, Baltimore, ME, Undergrad Researcher
University of Pennsylvania, Philadelphia, PA, Research Assistant
Verizon Wireless, Bedminster, NJ, Intern

Materials Science and Engineering
Booz & Company, New York, NY, Summer Consultant
DAAD, Hannover, Germany, Researcher
Dexcom Inc., San Diego, CA, Engineering Intern
Innova Dynamics, San Francisco, CA, Research Assistant
International Care Ministries, Bacolod, Philippines, Intern
Let’s Get Ready, Upper Darby, PA, Head Math Coach
Oak Ridge National Laboratory, Oak Ridge, TN, Intern
Payless ShoeSource, Freehold, NJ, Associate
University of Pennsylvania, MSE Department, Philadelphia, PA, N/A
University of Pennsylvania, Rachleff Scholar Program, Philadelphia, PA, Rachleff Scholar

Mechanical Engineering and Applied Mechanics
Av-DEC, Fort Worth, TX, Engineering Intern
Circle of Love Foundation, Uganda
Dow Jones Indexes, Princeton, NJ, Intern
Drexel University, Philadelphia, PA, Student Researcher
Grameen Shakti, Dhaka, Bangladesh, Research Intern
Guatemala Health Initiative, Santiago Atitlan, Guatemala, Surveyor
Infotech Enterprises, Hyderabad, India, Intern
Koehler Instrument Company, Bohemia, NY, Technical Services Coordinator
Lerado Group LLC, Zhongshan, China, Project Manager
MTA Metro North Railroad, New York, NY, Engineering Intern
Northwestern Mutual, Philadelphia, PA, Recruiter Intern
Renewable Energy Solutions Polyflow, Akron, OH, Intern
The Waterford Institute, Salt Lake City, UT, Software Developer
U.S. Army Armament Research, Development, and Engineering Center, Picatinny Arsenal, NJ, Summer Hire
University of Pennsylvania, Grasp Lab, Philadelphia, PA
University of Pennsylvania, GRASP Lab, Philadelphia, PA, Research Assistant
University of Pennsylvania, Haptics Lab, Philadelphia, PA, Research Assistant
University of Pennsylvania, Haptics Lab, Philadelphia, PA, Researcher
University of Pennsylvania, Modlab, Philadelphia, PA, Student Researcher
University of Pennsylvania, Modular Robotics Lab, Philadelphia, PA
University of Pennsylvania, Modular Robotics Laboratory, Philadelphia, PA
University of Pennsylvania, Philadelphia, PA
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Undergraduate Researcher
University of Pennsylvania, Rachleff Scholars Program, Philadelphia, PA
US Army Corps of Engineers, Duck, NC, Contract Student
Willow Garage, Menlo Park, CA, Summer Researcher
Yonso Project, Kumasi, Ghana

**Systems Science and Engineering**
Capriza, Palo Alto, CA, Product Management Intern
Comcast, Philadelphia, PA, Business Technology Intern
Crowe Clark Whitehill, London, United Kingdom, Internal Accounts Intern
Hospital at the University of Pennsylvania, Philadelphia, PA, Research Assistant
Lophilo, Shanghai, China, Sales Engineering Intern
Ovum Recordings, Philadelphia, PA, Marketing and Tech Intern
Tata Consultancy Services, Mumbai, India, Intern
TYLin, Chicago, IL, Engineering Intern
University of Pennsylvania, Philadelphia, PA, Undergraduate Researcher
Violet Workshop Inc., Santa Monica, CA, Intern

**ENGINEERING DOUBLE MAJORS**

**Applied Science - Computer Science & Economics**
Barclays, Tel Aviv, Israel, Summer Analyst

**Chemical and Biomolecular Engineering & Economics**
Radix Engenharia e Software, Rio de Janeiro, Brazil, Intern
University of Pennsylvania, Philadelphia, PA, Undergraduate Researcher

**Computer Science & Biology**
University of Pennsylvania, Litt Lab Translational Neuroengineering, Philadelphia, PA, Research Assistant

**Computer Science & Mathematics**
LinkedIn, Mountain View, CA, Software Engineering Intern
TappMob, Cupertino, CA, Software Developer

**Computer Science & Bioengineering**
SecondMarket, New York, NY, Software Engineer

**Computer Science & Urban Studies**
Morgan Stanley, Hong Kong

**Digital Media Design & Fine Arts**
NBCUniversal, New York, NY, Consumer Technology Innovation Intern

**Electrical Engineering & Cognitive Science**
University of Pennsylvania, Haptics Lab, Philadelphia, PA, Research Assistant

**Electrical Engineering & Systems Science and Engineering**
Goldman Sachs, Jersey City, NJ

**Mechanical Engineering and Applied Mechanics & Computer Science**
ModSolar, Malvern, PA, Intern Junior Developer
Mechanical Engineering and Applied Mechanics & Philosophy
University of Pennsylvania, Modlab, Philadelphia, PA, Research Assistant

Mechanical Engineering and Applied Mechanics & Physics and Astronomy
University of Pennsylvania, Philadelphia, PA, Research Intern

Mechanical Engineering and Applied Mechanics & Electrical Engineering
University of Pennsylvania, Philadelphia, PA, Research Assistant

ENGINEERING AND CAS DEGREES

University of Colorado, Boulder, Boulder, CO, Researcher

Monell, Philadelphia, PA, Research Assistant

University of Pennsylvania, Computational Neuroscience Group, Philadelphia, PA, Research Assistant

LKY Fund for Bilingualism, Singapore, Intern

Bioengineering & Anthropology
Perelman School of Medicine, Philadelphia, PA, Research Assistant

Bioengineering & Mathematics
Children's Hospital of Philadelphia, Philadelphia, PA, Research Assistant
Perelman School of Medicine, Philadelphia, PA

Mechanical Engineering and Applied Mechanics & Economics
Stanford University, Stanford, CA, Research Assistant

Systems Science and Engineering & Hispanic Studies
Children's Hospital of Philadelphia, Philadelphia, PA, Intern

ENGINEERING AND WHARTON DEGREES*
[*Engineering students in the following majors are also pursuing a Wharton degree. Concentrations were not declared when the survey was conducted.*]

Applied Science - Computer Science & Wharton
AK Capital, San Francisco, CA, Trading Summer Analyst
Guggenheim Partners, King of Prussia, PA, Intern
Linneman Associates, Philadelphia, PA, Intern
University of Pennsylvania, Wharton School Management Department, Philadelphia, PA, Research Assistant

Bioengineering & Wharton
Adamant Technologies, San Francisco, CA, Business Intelligence Intern
Amgen, Thousand Oaks, CA, Summer Intern
Deloitte Consulting LLP, New York, NY, BTA Summer Scholar
Global Marketing Associates, Philadelphia, PA, Intern
IBM, Singapore, Intern
S&P Capital IQ, New York, NY, Business Analyst
West Capital Management, Philadelphia, PA, Research Analyst

Chemical and Biomolecular Engineering & Wharton
ConocoPhillips, Houston, TX, Engineering Intern

Computer Engineering & Wharton
Microsoft, Bellevue, WA
Plangrid, San Francisco, CA, Technical Intern

Computer Science & Wharton
Bank of America Merrill Lynch, Houston, TX, Intern
Bump Technologies, Mountain View, CA, Software Development Intern
China Concord Advisors, Shanghai, China, Summer Analyst
Codecademy, New York, NY, Software Engineer
Credit Suisse, New York, NY, Summer Analyst
Electronic Arts, Redwood Shores, CA, Advanced Analytics Intern
Facebook, Menlo Park, CA, Software Engineering Intern
Forefront Capital Management, Mumbai, India, Summer Analyst
Forefront Capital Management, Mumbai, India, Quantitative Analyst
General Assembly, New York, NY
Google, Mountain View, CA, Software Engineering Intern
Google, Seattle, WA, Software Engineering Intern
Guggenheim Partners, Purchase, NY, Summer Analyst
LinkedIn, Mountain View, CA, Software Engineer Intern
Susquehanna International Group, Bala Cynwyd, PA, Technology Associate
University of Pennsylvania, Wharton Customer Analytics Initiative, Philadelphia, PA

Digital Media Design & Wharton
Morgan Stanley, New York, NY, Intern
StarVest Partners, New York, NY, Summer Analyst

Materials Science and Engineering & Wharton
Ampush Media, San Francisco, CA, Media Analyst
Burlington Coat Factory, Burlington, NJ, Strategy Intern
Riverlake Partners, Portland, OR, Analyst
University of Pennsylvania, Undergraduate Research Mentoring Program, Philadelphia, PA, Research Assistant

Mechanical Engineering and Applied Mechanics & Wharton
Accretus Solutions, Mumbai, India, Analyst
Chevron, Bakersfield, CA, Facilities Engineer
Goldman Sachs, New York, NY, Summer Analyst
Hamilton Sundstrand, Windsor Locks, CT, Intern
Jefferies and Co., Houston, TX, Summer Analyst

Systems Science and Engineering & Wharton
AutoRef, Inc., Los Angeles, CA, Business Strategy Intern
Ferranti Computer Systems, Antwerp, Belgium
Light Beam Capital, New York, NY, Summer Analyst
Stifel Nicolaus, New York, NY, Summer Associate