SUMMER 2016 SURVEY OF RISING SOPHOMORES—CLASS OF 2019

OVERVIEW

Career Services surveys students at the end of the summer, seeking information about students’ summer activities. Students in the class of 2019 were “rising sophomores” during Summer 2016, and 187 (41%) of 454 students completed this survey. Rising sophomores may engage in a range of summer activities: taking courses at Penn, 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 2019, 80% of the respondents shared information about work experiences (summer job, internship, research, volunteer work, externship)—both full-time and part-time.

Prepared by Tiffany Franklin, Associate Director
March 2017

SUMMER 2016 PRIMARY ACTIVITY
(as reported by 186 students)

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work - Paid</td>
<td>71%</td>
</tr>
<tr>
<td>Work - Unpaid</td>
<td>9%</td>
</tr>
<tr>
<td>Classes</td>
<td>10%</td>
</tr>
<tr>
<td>Travel</td>
<td>3%</td>
</tr>
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### Work Experiences—Hours and Wages in Summer 2016

<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>116</td>
<td>20</td>
</tr>
<tr>
<td>Unpaid Position:</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Paid Position:</td>
<td>104</td>
<td>17</td>
</tr>
<tr>
<td>Did not report salary:</td>
<td>29</td>
<td>3</td>
</tr>
<tr>
<td>Average Monthly Salary:</td>
<td>$2,430</td>
<td>$1,035</td>
</tr>
<tr>
<td>Monthly Salary Range:</td>
<td>$300 - $6,500</td>
<td>$500 - $1,600</td>
</tr>
<tr>
<td>Average Hours per Week:</td>
<td>42</td>
<td>20</td>
</tr>
<tr>
<td>Range of Hours per Week:</td>
<td>30–110</td>
<td>10–28</td>
</tr>
</tbody>
</table>

### How Students Obtained Summer Positions in 2016

(as reported by 125 students)

- **Online job/internship site (not PennLink or iNet)**: 1%
- **Special program (i.e., SEO, Inroads, HACU)**: 3%
- **Previous employer**: 8%
- **Career Services and Penn Sponsored Internships**: 15%
- **Contacts: family/friend/professor/other**: 36%
- **Applied directly to organization**: 37%

### Date Summer Offer Received in 2016

- **10%** prior to January 2016
- **3%** January 2016
- **31%** February 2016
- **13%** March 2016
- **4%** April 2016
- **15%** May 2016
- **24%** June 2016

[As reported by 112 students]
EMPLOYERS WITH MOST OFFERS ACCEPTED IN SUMMER 2016
(includes full-time and part-time positions)

<table>
<thead>
<tr>
<th>Employer</th>
<th>Offers</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Pennsylvania</td>
<td>12</td>
</tr>
<tr>
<td>University of Pennsylvania Health System</td>
<td>8</td>
</tr>
<tr>
<td>Microsoft</td>
<td>2</td>
</tr>
<tr>
<td>NASA</td>
<td>2</td>
</tr>
<tr>
<td>Northwestern University</td>
<td>2</td>
</tr>
</tbody>
</table>

LOCATION OF SUMMER POSITIONS IN 2016

The majority of the students were in the Mid-Atlantic region, which includes Pennsylvania, New Jersey, and New York. The states with the highest number of summer positions include:

- Pennsylvania ........................................37%
- California ........................................10%
- New Jersey .......................................... 7%
- New York ........................................... 6%
- Massachusetts ..................................... 6%
- Illinois ........................................... 5%
- Ohio .................................................. 2%
- Connecticut ....................................... 1%
- Washington ........................................ 1%
- Non U.S...............................................13%
- All others......................................... 12%

INTERNATIONAL EXPERIENCES IN SUMMER 2016
(as reported by 50 students)

- Completed classes overseas ............ 16%
- Worked overseas ............................. 30%
- Traveled overseas ......................... 54%
SUMMER POSITIONS REPORTED BY MAJOR IN 2016
(includes all respondents—full-time and part-time; paid and unpaid)

ENGINEERING DEGREE

**Applied Science – Computer Science & Cognitive Science**
Max2 Inc., New York, NY, Software Development Intern

**Bioengineering**
AECOM, Burlington, NJ, Summer Intern
Boston University Health System, Boston, MA, Research Assistant
CCNY Neural Engineering Group, New York, NY, Research Intern
G&E Welding Supply Company, New Castle, DE, Associate
Harvard University, Wyss Institute for Biologically Inspired Engineering, Cambridge, MA, Summer Intern
ICICI Prudential AMC, Mumbai, India, Intern
Meridian Health Plan, Detroit, MI, Student Intern
University of Illinois, Urbana, IL, Laboratory Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
Bioengineering (continued)
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Residential Teaching Assistant
University of Pennsylvania, Philadelphia, PA, Residential Teaching Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania - PURM Lab, Philadelphia, PA, Research Assistant
University of Pennsylvania - PURM Lab, Philadelphia, PA, Research Assistant
University of Pennsylvania Health System, Philadelphia, PA, Undergraduate Research Intern
University of Pennsylvania Health System, Philadelphia, PA, Research Assistant
University of Pennsylvania Health System, Philadelphia, PA, Summer Research Fellow

Chemical and Biomolecular Engineering
Cincinnati Children's Hospital Medical Center, Cincinnati, OH, Researcher
Design IP, Allentown, PA, Intellectual Property Law Summer Intern
Douglas Ellisman, New York, NY, Real Estate Intern
Johnson & Johnson, Jakarta, Indonesia, Summer Intern
Maritime Rowing Club, Norwalk, CT, Coach
Pratt & Whitney East Hartford, CT, Quality Chemistry Lab Intern
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania Health System, Philadelphia, PA, Research Assistant
University of Pennsylvania Health System, Philadelphia, PA, Summer Research Intern
ZATA Pharmaceuticals, Worcester, MA, Lab Assistant

Computer Engineering
Cue, Inc., Woburn, MA, Engineering Design Intern
Fidelity Investments, Merrimack, NH, Technical Intern
Google, New York, NY, Engineering Practicum Intern
iCIMS, Matawan, NJ, SDET Intern
Liquid Telecom Zimbabwe, Harare, Zimbabwe, Technical Intern

Computer Science
180LA, Los Angeles, CA, Analytics Intern
Analytical Flavor Systems, State College, PA, Web Development Intern
AurIQ Systems Inc., Pasadena, CA, Software Intern
Brewster Day Camp, Brewster, MA, Counselor
#BUILTBYGIRLS, New York, NY, Ambassador and Public Speaker
Champion Laboratories, Lake Forest, IL, Intern
DealerTrack, Lake Success, NY, Software Engineering Intern
DWP Group, Lahore, Pakistan, Intern
IKEA, Elizabeth, NJ, Logistics Outflow Intern
Ingenious Smart Home, Istanbul, Turkey, Software Development Intern
JP Morgan, Jersey City, NJ, Technology Summer Analyst
Laborers’ District Council (LDC), Philadelphia, PA, Web-text Programmer
Microsoft, Redmond, WA, Software Engineering Intern
Microsoft, Redmond, WA, Explore Intern
Mingjian, Shanghai, China, Graphic Design Intern
Northwestern University, Feinberg School of Medicine, Chicago, IL, IT Intern
Reality Analytics, Inc., Columbia, MD, Intern
**Computer Science (continued)**
RoadTrip Nation, Costa Mesa, CA, Roadtripper/Interviewer
SAP America, Newtown Square, PA, STAR Intern
Temple University, Control, Sensor, Network & Perception Laboratory, Philadelphia, PA, Research Asst.
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania - Civic House, Philadelphia, PA, Community Engagement Intern
University of Pennsylvania - Department of Earth & Environmental Sciences, Philadelphia, PA, Res. Asst.
University of Pennsylvania - GRASP Lab, Philadelphia, PA, Research Assistant
Western Securities, Shanghai, China, Intern

**Digital Media Design**
brEDcrumb, Philadelphia, PA, Brand Management and Product Design Intern
iD Tech, Palo Alto, CA, Instructor
Northwestern University, Evanston, IL, Research Assistant
SIGGRAPH 2016, Anaheim, CA, Student Volunteer
University of Pennsylvania, Philadelphia, PA, Research Assistant
University of Pennsylvania - Computer Graphics, Philadelphia, PA, Research Assistant
University of Pennsylvania - GEMS Program, Philadelphia, PA, Counselor
University of Pennsylvania - Wharton Management, Philadelphia, PA, Research Assistant
uSens Inc., San Jose, CA, Virtual Reality UI/UX Designer

**Electrical Engineering**
CPS Energy, San Antonio, TX, Intern
Energy Analytics, LLC, La Jolla, CA, Copy Editor and Proofreader
Glendale Recreation Association, Newport News, VA, Lifeguard
Great Lakes Energy Ltd Kigali, Rwanda, Marketing Officer - Photovoltaics
Microduino, Los Angeles, CA, Undergraduate Intern
Transcirrus Cloud Software, Durham, NC, Intern
Tufts University, Medford, MA, Electrical Engineering Research Assistant
University of Pennsylvania, Philadelphia, PA, Residential Teaching Assistant

**Materials Science and Engineering**
Applebee's, Reading, PA, Server
Smilow Center for Translational Research - Socio Lab, Philadelphia, PA, Lab Assistant
University of Pennsylvania, Philadelphia, PA, Lab Assistant

**Mechanical Engineering and Applied Mechanics**
Adani, Ahmedabad, India, Senior Trainee
Advanced Technology Corporation, Andover, OH, Senior Technology Consultant
Brinjac Engineering, Philadelphia, PA, Intern
Camp Airy, Thurmont, MD, Camp Counselor
Camp Hillard, Scarsdale, NY, General Counselor
Clearwater Swim Club, Summit, NJ, Head Swim Team Coach
Eat Cake 4 Breakfast Bakery, Brewster, MA, Associate
Geotab, Inc., Oakville, Canada, Hardware Developer/Tester
Glass – U, Philadelphia, PA, Operations and Digital Media
METKA S.A., Athens, Greece, Engineering Department Intern
Mechanical Engineering and Applied Mechanics (continued)
NASA Langley Research Center, Hampton, VA, Robotics Intern
Northern Tier High Adventure, Ely, MN, Canoeing Guide
Par Hawaii Refining, Honolulu, HI, Maintenance Engineering Intern
Public Accountants and Auditors Board, Harare, Zimbabwe, Intern
Salt Lake County, Salt Lake City, UT, Life Guard and Swim Instructor
Schrader Group Architecture, Philadelphia, PA, Researcher
SPAWAR Systems Center Pacific, San Diego, CA, NREIP Intern
University of Pennsylvania - GRASP Lab, Philadelphia, PA, Research Assistant
University of Pennsylvania - GRASP Lab, Philadelphia, PA, Research Assistant
We Make it Personal, Ocean City, NJ, Associate

Networked and Social Systems Engineering
Accenture, Shenzhen, China, Technology Consulting Analyst
Boca Systems, Boca Raton, FL, Technician
ESAP, Philadelphia, PA, Residential Teaching Assistant
Moven, Radnor, PA, Software Engineering Intern
Twitter, San Francisco, CA, Software Engineering Intern

Systems Science and Engineering
Colgate-Palmolive, Piscataway, NJ, Application & Software Development Summer Intern
Copa Airlines, Panama City, Panama, Business Intelligence Analyst
Doppelmayr, La Paz, Bolivia, Intern
I.I.M. S.A.C., Lima, Peru, Developer
Kenny's Corner Ice Cream Stand, North Syracuse, NY, Manager
Let's Yo Yogurt, Howell, NJ, Shift Supervisor
Medsphere Corp USA, Skokie, IL, Consulting Intern
Rovakaira Oy, Rovaniemi, Finland, Intern
Target Tutoring, Miami, FL, Tutoring
Valify Inc., Dallas, TX, Strategic Business Analyst

ENGINEERING DOUBLE MAJORS

Mechanical Engineering and Applied Mechanics & Mathematical Economics
University of Pennsylvania, Philadelphia, PA, Teaching Assistant

Mechanical Engineering and Applied Mechanics & Computer Science
University of Pennsylvania Health System, Philadelphia, PA, Research Assistant

Systems Science and Engineering & Economics
Infineum USA, Linden, NJ, Chemical Engineering Intern

ENGINEERING AND CAS DEGREES

Applied Science – Computer Science & Cognitive Science
Galileo Learning, Berkeley, CA, Technology Instructor

University of Pennsylvania, Philadelphia, PA, Research Assistant
Chemical & Biomolecular Engineering and Chemistry  
University of Pennsylvania, Philadelphia, PA, Research Assistant  
University of Pennsylvania, Philadelphia, PA, Lab Intern

**ENGINEERING AND WHARTON DEGREES***

[*Engineering students in the following majors are also pursuing a Wharton degree. Wharton concentrations were not declared when the survey was conducted.]

Bioengineering & Wharton  
University of Pennsylvania Health System, Philadelphia, PA, Lab Assistant

Computer Science & Wharton  
Akuna Capital, Chicago, IL, Intern  
Bombay Gas Company, Mumbai, India, Business Development Intern  
Deloitte, Adana, Turkey, Summer Analyst  
Electronic Arts, Redwood Shores, CA, Data Science Intern  
Essendant, Deerfield, IL, IT Intern  
Facebook, Menlo Park, CA, Software Development Intern  
GTRACK Technologies, Palo Alto, CA, Software Engineering Intern  
Lincoln Financial Group, Philadelphia, PA, Java Developer  
NASA Ames Research Center, Moffett Field, CA, Intern  
ShopKeep, New York, NY, Technology Intern  
University of Pennsylvania, Philadelphia, PA, Research Assistant  
University of Pennsylvania, General Robotics, Automation, Sensing and Perception Lab, Philadelphia, PA, Research Assistant

Computer Engineering & Wharton  
Fareportal, New York, NY, Product Intern

Materials Science and Engineering & Wharton  
AmericanGreetings, Cleveland, OH, Engineering Intern

Mechanical Engineering and Applied Mechanics & Wharton  
Fermentec Incorporated, Philadelphia, PA, Research Intern  
The Green Program, Philadelphia, PA, Business Development Intern

Systems Science and Engineering & Wharton  
City of Boston, Boston, MA, Summer Analytics Fellow  
MFS Investment Management, Boston, MA, Summer Intern: Client Risk Monitoring  
Principal Financial, Des Moines, IA, Business Analyst Intern