Case Western Reserve University
Career Center

INTERNSHIP SURVEY

2016-2017

CASE WESTERN RESERVE UNIVERSITY
EST. 1826
think beyond the possible

Internship Survey 2016-17

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Introduction

The 2016-17 Internship Survey was administered using Qualtrics, a web-based assessment vendor, over approximately four weeks during August – September 2017 to 3,818 returning undergraduate students. Students were asked to report on their internship experiences over the time period Fall 2016 – Summer 2017. There were 1,358 individuals who responded to the survey for a response rate of 36%. Appendix A includes a copy of the survey.

Internship Participation

Students were asked whether or not they had participated in an internship, defined as a work-based learning experience, typically related to one's major field of study and/or intended career, which could be full-time or part-time, paid or unpaid, with no course enrollment. Six hundred twelve (45%) students reported that they participated in at least one internship within this timeframe; 47 students reported participating in two internships; for a total of 659 internships reported.

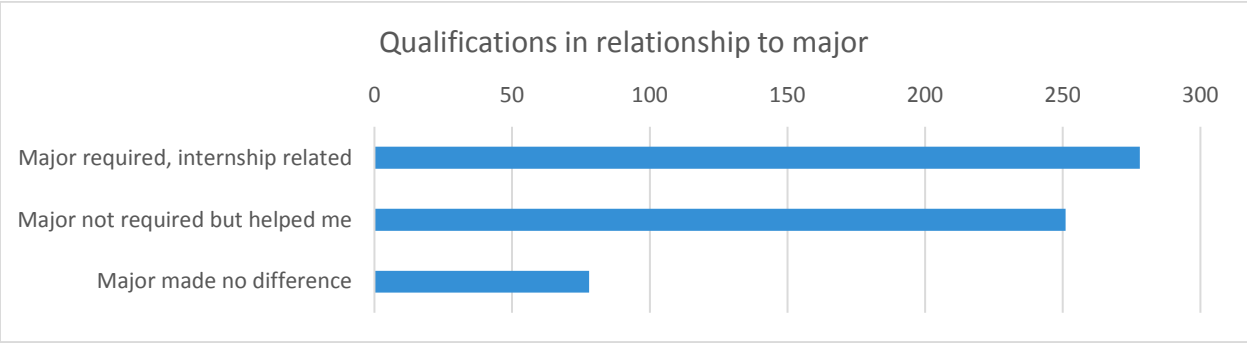
Timing

Of the 659 internships reported, 634 (96%) had information about which semester(s) the internship took place. Ninety-one percent (n = 577) took place during one semester, seven percent (n = 44) took place over two semesters, and two percent (n = 13) took place over three semesters. Summer was the most popular time of year for students to complete internships with 530 (84%) taking place exclusively during the summer, and 46 more taking place over summer plus one or more semesters.

Timing	n	%
Fall 2016	24	4%
Fall 2016, Spring 2017	11	2%
Fall 2016, Spring 2017, Summer 2017	13	2%
Fall 2016, Summer 2017	9	1%
Spring 2017	23	4%
Spring 2017, Summer 2017	24	4%
Summer 2017	530	84%

Qualifications

Six hundred seven (92%) responses were recorded regarding the relationship between students' major and internship. Of those who answered the question, 46% (n = 278) responded that their major was required for the internship and the internship was related to their field of study, while 41% (n = 251) responded that their major was not required but helped them get the internship.



Position Function

Of the 659 internships reported, 612 (93%) responses contained information about the function of the internship.

Position Function	n	%	Position Function	n	%
Engineering	234	38%	Nursing	12	2%
Research	109	18%	Community Development	10	2%
Business/Administration	41	7%	Social Services	8	1%
Information Technology	33	5%	Education/Teaching	7	1%
Accounting	32	5%	Construction	5	1%
Financial Services	28	5%	Manufacturing	4	1%
Marketing/Sales	28	5%	Art/Design/Performance	3	< 1%
Politics/Law	20	3%	Journalism/Mass Communication	3	< 1%
Healthcare/Public Health	18	3%	Medical Device	2	< 1%
Consulting	14	2%	Entertainment	1	< 1%

Employers

CWRU students accepted internships with a wide variety of Fortune 500, government, non-profit, and private sector employers. Employers hiring two or more students (n = 76) are noted in the table below.

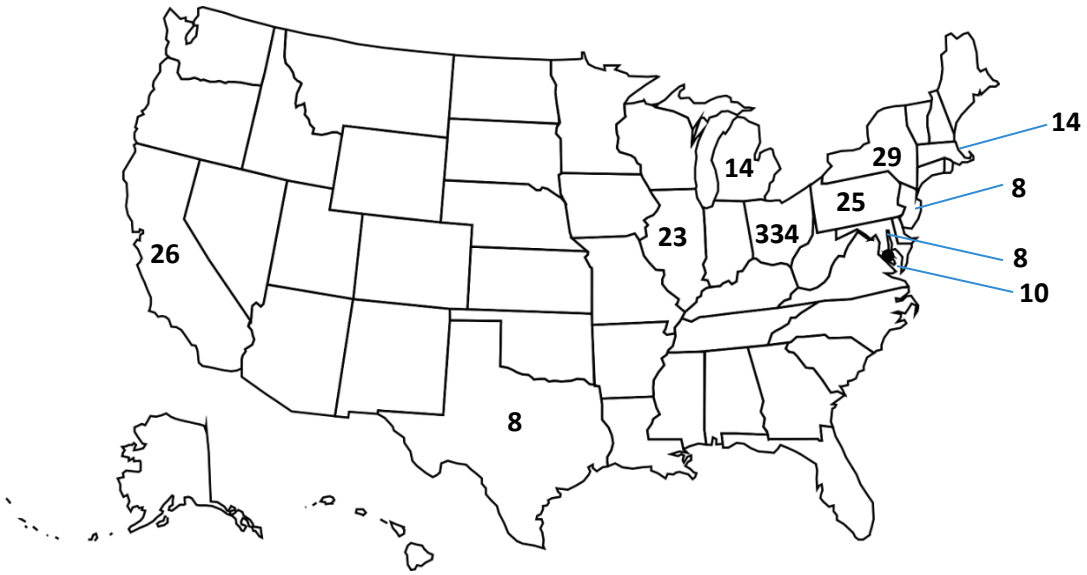
Employers	n	Employers	n
Case Western Reserve University	29	Avery Dennison Corporation	2
Cleveland Clinic	16	BDS (Bearing and Drive Systems)	2
General Electric	13	City of Cleveland, Ohio	2
University Hospitals	13	Consolidated Precision Products	2
NASA	11	Cooper Tire & Rubber Company	2
Philips	8	Cutting Dynamics	2
Procter & Gamble	8	Epic Systems Corporation	2
Sherwin-Williams Company	8	Erie Insurance	2
MIM Software Inc.	7	EY (Ernst & Young)	2
Amazon	6	Harvard University	2
Deloitte LLP	6	Hyland, creator of OnBase	2
PricewaterhouseCoopers LLP	6	IBM	2
Lubrizol Corporation	5	Intwine Connect	2
Swagelok Company	5	Invacare	2
Battelle Memorial Institute	4	Jackson Laboratory (The)	2
Bowden Manufacturing	4	Kent Displays	2
Cleveland Museum of Art	4	Liberty Mutual	2
Lincoln Electric Company	4	Lockheed Martin	2
Plante Moran	4	Los Alamos National Laboratory	2
PNC Financial Services Group Inc.	4	MetroHealth System	2
Rockwell Automation	4	Naval Sea Systems Command	2
ABB	3	Nestle	2

Accenture	3	New Zealand Labour Party	2
BDO USA, LLP	3	Northwestern Mutual	2
Boston Scientific	3	Overdrive	2
Goodyear Tire & Rubber Company	3	PolymerPlus LLC	2
Google	3	Reflexion Interactive Technologies, LLC	2
KeyBank	3	Rockwood Equity Partners	2
Louis Stokes Cleveland VA Medical Center	3	Rutgers University, The State University of New Jersey	2
Moen	3	STERIS	2
National Institutes of Health	3	Technoform Bautec	2
NiSource, Inc.	3	Terves Inc.	2
Northrup Grumman	3	U.S. Department of Commerce	2
Ohio Department of Transportation	3	University of Fribourg, National Center of Competence in Research	2
Tektronix	3	University of Michigan	2
Animal Friends	2	Vanderbilt University	2
Apple	2	Wentsler LLC	2
Arconic	2	Western Reserve Historical Society	2

Location

Of the 659 internships reported, geographic location information was provided in 624 (95%) instances. Students reported that they completed internships in 42 U.S. states and 21 countries. Fifty-four percent (n = 334) of the internships were in Ohio. Two hundred eighty-eight of those occurred in the Greater Cleveland area.

Of the internships that took place outside of Ohio, the top geographic locations for internships were California, the District of Columbia, Illinois, Maryland, Massachusetts, Michigan, New Jersey, New York, Pennsylvania, and Texas. Forty-two (7%) internships took place outside of the United States, including Chile, China, France, Germany, India, Israel, Japan, Jordan, Malaysia, Nepal, New Zealand, Poland, Senegal, South Korea, Spain, Switzerland, Thailand, United Arab Emirates, United Kingdom, and Uruguay.



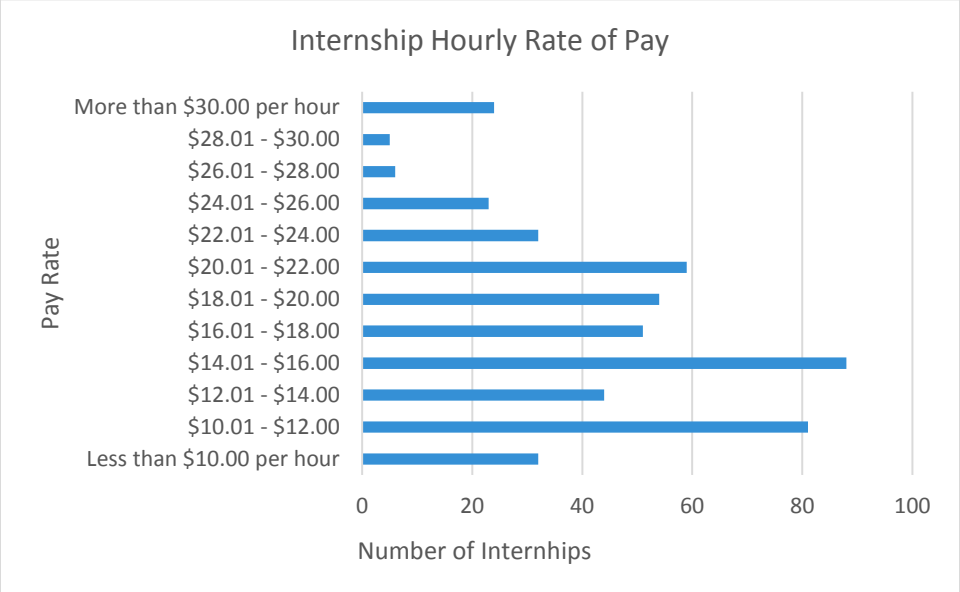
The top metropolitan areas for internships are shown below.

Metro Area	n
Cleveland	288
New York	28
Chicago	23
Cincinnati	18
Washington, DC	16
Boston	15
Columbus	12
San Jose	11
Pittsburgh	10
Akron	9
San Francisco	9

Compensation

Students were asked whether the experiences were paid or unpaid, as well as the hourly wage range. Information about whether or not the experience was paid was obtained for 612 (93%) of the internships, with 83% (n = 505) being paid experiences and 17% (n = 107) being unpaid.

A pay rate was indicated for 99% (n = 499) of the 505 paid experiences. The most frequently reported pay range was $14.01 - $16.00 per hour, with 18% of internships paying a rate in this range.



Students reported that 24 internships paid $30.00 or more per hour. These internships took place at 15 different companies, eight (33%) of which are on the Fortune 500 list, and six of which are on the Fortune 100 list. The table below indicates the most common position functions of these highly paid internships. In looking at the position titles, fifteen (63%) were related to software development and testing, four (17%) were in consulting, and four (17%) were in engineering.

Of the 107 unpaid internships, the position functions with the greatest number of unpaid were Research (n = 36), Engineering (n = 12), Healthcare/Public Health (n = 12), Politics/Law (n = 12), and Business/Administration (n = 9).

The table below outlines the number of students in each major and the pay rate they indicated on the survey.[1] [2]

Major	Unpaid	< 10.00	10.01 - 12.00	12.01 - 14.00	14.01 - 16.00	16.01 - 18.00	18.01 - 20.00	20.01 - 22.00	22.01 - 24.00	24.01 - 26.00	26.01 - 28.00	28.01 - 30.00	> 30.00
Accounting	3	0	4	2	1	5	1	9	9	0	0	1	0
Aerospace Engineering	1	0	0	1	5	2	3	3	2	1	0	0	0
Anthropology	2	0	1	1	1	0	0	0	0	0	0	0	0
Applied Mathematics	1	0	0	1	1	0	2	1	0	0	0	0	0
Biochemistry	4	1	1	0	1	1	0	0	0	0	0	0	0
Biology	7	3	6	0	4	3	1	1	0	0	0	0	1
Biomedical Engineering	9	4	9	5	7	1	3	6	4	1	1	0	1
Business Management	7	0	4	0	1	5	0	1	0	1	0	0	1
Chemical Engineering	4	0	2	3	7	1	8	7	5	2	3	2	1
Chemistry	2	1	2	1	0	0	1	0	0	0	0	0	1
Civil Engineering	1	0	3	5	7	4	1	0	0	1	0	0	0
Cognitive Science	5	1	0	1	1	0	0	0	0	0	0	0	1
Computer Engineering	2	0	1	1	1	2	1	2	1	0	0	1	1
Computer Science	0	3	6	4	5	5	8	13	3	5	0	2	11
Dance	1	0	0	1	1	0	1	0	2	0	0	0	0
Economics	6	2	1	0	5	1	2	2	0	0	0	0	0
Electrical Engineering	1	1	0	2	5	1	9	6	2	7	0	0	6
Engineering	3	1	3	2	2	1	0	0	0	1	0	0	0
Engineering Physics	3	0	2	1	0	1	0	0	0	0	0	0	0
English	2	0	2	1	0	0	0	1	0	0	0	0	0
Finance	0	3	5	2	4	4	3	2	1	1	0	0	0
History	3	2	1	0	0	0	0	0	0	0	0	0	0
International Studies	6	3	1	0	1	0	0	1	0	0	0	0	0
Marketing	2	1	7	1	0	1	0	1	1	0	0	0	0
Materials Science & Engineering	0	1	2	1	5	0	1	2	0	1	1	0	0
Mathematics	0	2	2	0	1	1	1	0	0	0	0	0	0
Mechanical Engineering	4	0	5	3	14	9	11	6	5	3	2	0	1
Music	2	0	3	0	1	1	0	1	0	0	0	0	0

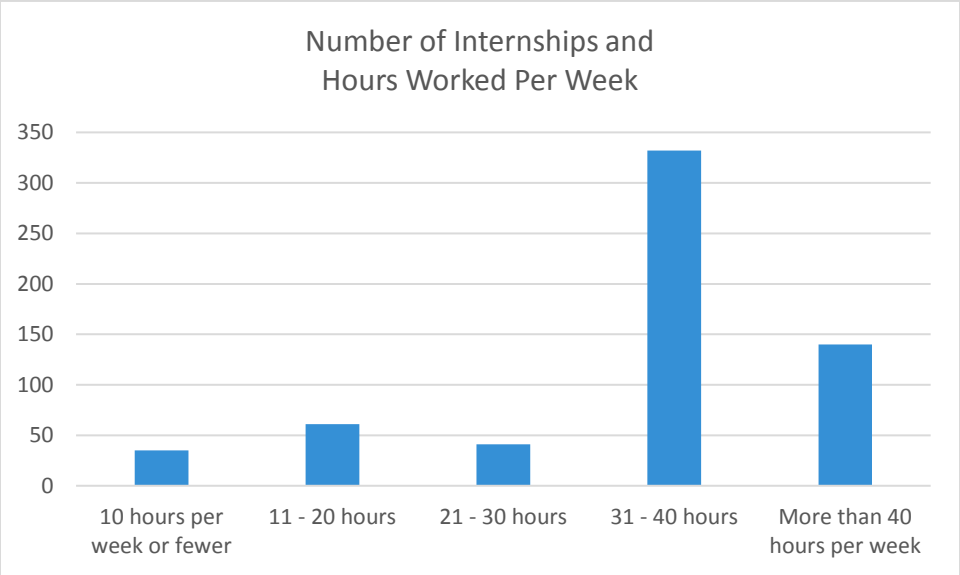
[1] Students are counted once for each major. Undeclared students with an intended major on record are grouped with that major (e.g., Accounting – Intended is grouped with Accounting). Engineering, Management, Pre-Law, Pre-Medicine, and Unknown/Undecided are not actual majors, but are intended majors of record. All majors contained at least one person with a double major except Dean's Approved Major, Environmental Geology, Evolutionary Biology, Nursing, Nutritional Biochemistry & Metabolism, and World Literature.

[2] Majors with fewer than five responses to this question are excluded in order to maintain individuals' privacy.

Major	Unpaid	< 10.00	10.01 - 12.00	12.01 - 14.00	14.01 - 16.00	16.01 - 18.00	18.01 - 20.00	20.01 - 22.00	22.01 - 24.00	24.01 - 26.00	26.01 - 28.00	28.01 - 30.00	> 30.00
Nursing	1	0	2	4	4	2	0	0	0	0	0	0	0
Nutrition	4	0	1	0	2	0	0	0	0	0	0	0	0
Political Science	10	1	1	0	0	1	0	1	0	0	0	0	0
Polymer Science & Engineering	3	0	0	0	2	1	3	2	2	0	0	0	1
Pre-Medicine	2	0	4	1	1	0	0	0	0	0	0	0	0
Psychology	8	3	2	1	1	1	0	0	0	0	0	0	0
Sociology	5	0	2	1	1	1	1	0	0	0	0	0	0
Statistics	3	1	1	0	2	1	0	0	0	0	0	0	0
Systems & Control Engineering	0	0	0	0	1	1	0	0	1	4	0	0	0
Unknown/Undecided	2	1	3	0	2	0	0	0	0	0	0	0	0

Hours Worked

Students were asked how many hours per week they typically worked during their internships. This information was obtained for 609 (92%) of the internships. The most frequent number of hours worked was 31-40 hours per week, reported in 55% (n = 332) of the internships. Another 23% (n = 140) of students reported working 40 or more hours per week.



Of the 140 internships in which individuals who reported working more than 40 hours per week, the majority, 122 (87%), were paid. These internships were spread across all of the pay levels, with $20.01-$22.00 per hour being the most frequently reported range, by 17% (n = 20) of respondents. Ninety-one percent (n=127) of these internships took place in the U.S.

These experiences were also spread across position functions, with Engineering (n = 53) and Research (n = 27) having the greatest numbers of internships where people reported working more than 40 hours per week.

Outcomes

Students were asked about the outcome of their internships, and 607 (92%) responses were received. Fifty-nine percent (n = 360) of those who participated in internships received an offer of a full-time position, a part-time position, or another internship. Forty-one percent (n = 249) did not receive an offer.

Offers	Outcomes n	Outcomes %
Full-time, permanent position, following graduation	91	15%
Another internship or a part-time position, following graduation	28	5%
Another internship or a part-time position, for summer 2017	123	20%
Another internship or a part-time position for the following academic year	116	19%
None of these	249	41%

A follow-up question was asked about whether or not the 358 offers received were accepted. The majority (49%) were still deciding on whether or not to accept the offer at the time they responded to the survey.

Offer Accepted	n	%
Yes	122	34%
Still deciding	176	49%
No	60	17%

Internship Recommended

Students were asked whether or not they would recommend their internship site to other Case Western Reserve University students and 586 (89%) responses were received. The majority, 89% (n = 524), responded affirmatively.

Career Plan Decidedness

Students were asked how decided about their career plans they were prior to and following their most recent internship, with options being Decided, Somewhat Decided, Somewhat Undecided, and Undecided. Five hundred eighty-seven (89%) responses were received.

Three hundred eighty-eight (66%) reported being Decided or Somewhat Decided prior to their internship.

Decidedness Before Internship	n	%
Decided	134	23%
Somewhat decided	254	43%
Somewhat undecided	138	24%
Undecided	61	10%

Four hundred sixty-six (79%) reported being Decided or Somewhat Decided following their internship.

Decidedness After Internship	n	%
Decided	207	35%
Somewhat decided	259	44%
Somewhat undecided	88	15%
Undecided	33	6%

For those who initially reported being Decided or Somewhat Decided before their internship, the majority stayed as decided as they were prior to the internship. More specifically, of the 134 who reported being Decided before their internship, 122, (91%) reported remaining Decided following the internship. Of the 254 who reported being Somewhat Decided before their internship, 165 (65%) reported remaining Somewhat Decided following the internship, and 76 (30%) reported becoming more decided.

For those who initially reported being Undecided or Somewhat Undecided before their internship, the majority in each group became more decided following the internship. More specifically, of the 61 who reported being Undecided before their internship, 32 (52%) reported being more decided following their internship and 29 (48%) reported staying Undecided. Of the 138 who reported being Somewhat Undecided before their internship, 82 (59%) reported being more decided following the internship.

Internships by School/College

Students in the Case School of Engineering and Weatherhead School of Management participated in at least one internship at the same rate or greater than the rate of all students. Students in the College of Arts and Sciences, Frances Payne Bolton School of Nursing, and Undergraduate Studies participated in internships at a lower rate than did students in the other schools and college and all students.

	ALL (n=3,818)	CAS (n=999)	ENG (n=1,211)	MGT (n=277)	NUR (n=215)	UGR (n=1,172)
Survey Respondents and Response Rate	1,358 36%	338 34%	525 43%	108 39%	64 30%	348 30%
Completed 1 or more internships	612 45%	136 40%	275 52%	82 76%	14 22%	115 33%
Number of Internships completed	659	147	296	90	16	120

The table below outlines the top three position functions by school and college.

ALL	CAS	ENG	MGT	NUR	UGR
Engineering (234)	Research (46)	Engineering (198)	Accounting (25)	Nursing (11)	Engineering & Research (30)
Research (109)	Engineering (15)	Research (31)	Financial Services (18)	Healthcare / Public Health (2)	Information Technology (11)
Business / Administration (41)	Bus/Admin & Healthcare/Public Health (11)	Information Technology (19)	Marketing / Sales (16)		

Internships by Major

Below is a table that lists, by major, employers who hosted an intern. An employer that has a number in parentheses following their name hosted that number of interns; employers with no number hosted one intern.

Accounting		
BDO USA, LLP (3)	EY (2)	Novogradac & Company LLP
Canon	First American Equipment Finance	Plante Moran (3)
Cem-Base	Freudenberg Sealing Technologies	PwC (6)
Charter Steel	HW & Co. CPAs & Advisors	Riverside Company (The)
Cleveland Museum of Natural History	KeyBank (2)	Royal Caribbean
CME Group	MIM Software Inc.	Skoda Minotti
Cuyahoga County, Ohio Common Pleas Court		U.S. Congress
Deloitte LLP (3)	Newsweek Media Group	
Aerospace Engineering		
AAR CORP	Moog Aircraft Group	Tianjin University in Qingdao
Consolidated Precision Products	NASA	UL
GED Integrated Solutions	Northrop Grumman	United Launch Alliance
General Electric (4)	Rhinestahl	Uplift Data Partners
Kraft Heinz	SAIC Volkswagen	Vector Space Systems
Lockheed Martin	STERIS	
Anthropology		
Centers for Disease Control & Prevention	HealthRight International	University of Michigan
Cleveland MOTTEP (Minority Organ & Tissue Transplant Education Program)	University Hospitals	
Applied Mathematics		
Conservation International	MIM Software Inc.	Vanderbilt University
Erie Insurance (2)	Overdrive	
Biochemistry		
Baxter International Inc.	Harvard University, Harvard Medical School	University Hospitals
Cleveland Clinic (2)	Samsung Medical Center	University of Michigan

Guidepoint	Trio	
Biology		
Accenture	Family & Nursing Care	Roche
Animal Friends	Hospice of the Western Reserve	Rutgers University, The State University of New Jersey
Ann & Robert H. Lurie Children's Hospital of Chicago	Jackson Laboratory (The)	Summit County, Ohio Public Health
BioEnterprise Corporation	NASA (2)	Terves Inc.
Case Western Reserve University (3)	Office of Integrative Medicine	University of Colorado Medical Center
Cleveland Clinic (2)	Precision Castparts Corp.	University of Tulsa
Cleveland Museum of Art	Probility Physical Therapy	Young Scientist Foundation (The)
Cornell University, Weill Cornell Medicine	Regeneron Pharmaceuticals	
Biomedical Engineering		
Allegheny Health Network	Fermi National Accelerator Laboratory (DOE)	Lincoln Electric Company
Assurex Health	Ford Motor Company	Louis Stokes Cleveland VA Medical Center (2)
Atlantis Project	Fullstack Academy	National Institutes of Health
Battelle Memorial Institute (2)	General Electric (2)	Philips (2)
Bind Therapeutics	Horizon Pharma	SEWA (Self-Employed Women's Association)
Boston Scientific (2)	II-VI Incorporated	STERIS
Case Western Reserve University	Innovative Science Solutions	University of Fribourg, National Center of Competence in Research
ChinMax Medical Systems, Inc.	Integer	University of Gottingen Medical School
Cleveland Clinic (4)	Integrated Medical Sensors	University of Rochester Medical Center
Custom Orthopaedic Solutions	Invacare (2)	Verily Life Sciences, Alphabet Inc.
Cutting Dynamics	Jackson Laboratory (The)	Village of Oak Park
Dell EMC	Kayu Woodwork	Virginia Polytechnic Institute and State University
Denver School of Science and Technology	Kent Displays	V-Sense Medical Devices
Ethicon, part of the Johnson & Johnson family of companies	KLA-Tencor	Washington University in St. Louis
Business Management		
Accenture	HSBC	Total Management
Cem-Base	MOCA (Museum of Contemporary Art), Cleveland	Travelers Insurance
Cepheid	Moen	U.S. Department of Commerce
Children's Advocacy Center of Collin County, Texas	NiSource, Inc.	U.S. Department of Commerce, International Trade Administration
Church of the Covenant	Northwell Health	Wayne County, Michigan Prosecutor's Office

Cleveland Clinic	Peking University	Young Scientist Foundation (The)
Deloitte LLP (2)		
Chemical Engineering		
ABB	Dorn Color Inc.	Momentive
Arvegenix	Drexel University	MTU America
Avery Dennison Corporation	Ecolab	Nexus Engineering Group, LLC
Bar Ilan University	General Electric (2)	PolymerPlus LLC (2)
Bose Corporation	Goldman Sachs	PQ Corporation
Cabot Microelectronics	Goodyear Tire & Rubber Company	Procter & Gamble (4)
Case Western Reserve University (2)	GRP Mechanical	Sherwin-Williams Company (The) (5)
Cast Nylons Ltd.	Janssen, Pharmaceutical companies of Johnson & Johnson	Stanford University, Stanford Medicine
Cheniere Energy Inc.	Kimberly-Clark Corporation	Technoform Bautec
Cobb County, Georgia Water System	Lincoln Electric Company	Tremco
Cooper Tire & Rubber Company (2)	L'Oréal	Washington Penn Plastic Co., Inc.
Corning Incorporated	Lubrizol Corporation (2)	Wentsler LLC
Deloitte LLP		
Chemistry		
Accenture	Latin American News Digest	National Institutes of Health
Cleveland Clinic	Lubrizol Corporation	Sherwin-Williams Company (The)
General Electric	MetroHealth System	Taipei Zoo
Civil Engineering		
AMP Architecture	Hudson River Housing	Ruhlin Company (The)
Brown and Caldwell	J2 Engineers, Inc.	San Francisco Public Works
Case Western Reserve University	LaBella Associates	T&M Associates
CET Inc.	Lovorn Engineering Associates	Thorson Baker & Associates
City of New York, New York, Department of Design and Construction	Michael Baker International	Turner Construction Company
Gewalt Hamilton Associates	Minnesota Department of Transportation	U.S. Department of Transportation, Federal Highway Administration (FHWA)
Golder Associates	Ohio Department of Transportation (2)	University of North Carolina
GRL Engineers	RK&K	
Cognitive Science		
ABC News	Cleveland Clinic	U.S. Senator Sherrod Brown (Ohio)
Atlanta Children's Shelter	Roblox Corporation	University Hospitals (2)
City of Nashville and Davidson County, Tennessee Mayor's Office	U.S. Committee for Refugees & Immigrants (USCRI)	
Computer Engineering		
BNY Mellon	Liberty Mutual	Paddle8

Case Western Reserve University (2)	LNE Group	Rockwell Automation
Greerhill Management	Lubrizol Corporation	Snap-on Business Solutions
Industrial Multi Service Group	Northrup Grumman	Tektronix
Innovative Systems, Inc.		
Computer Science		
Accenture	Google (3)	Philips (3)
Amazon (4)	Greerhill Management	PNC Financial Services Group Inc. (2)
Arconic	Help At Home, LLC	Quantum Health
BDS (Bearing and Drive Systems) (2)	Hyland, creator of OnBase (2)	Referrio
BGM Solutions	IBM (2)	Reflexion Interactive Technologies, LLC (2)
BNY Mellon	Intwine Connect (2)	Roblox Corporation
Case Western Reserve University (2)	Liberty Mutual	Rockwell Automation
Charles Schwab	Louis Stokes Cleveland VA Medical Center	SAIC USA
Dell	Matrix Pointe Software	Seagate
Deloitte LLP	MIM Software Inc. (5)	Siemens PLM Software
DisputeSoft	NASA	TECH CORPS
Epic (2)	Nationwide Insurance	TMG (The Momentum Group)
ESPN	Northrop Grumman	Travelers Insurance
Everykey	NuGrowth	University Hospitals
Expedia	Oakland County, Michigan	XSEDE
Goodyear Tire & Rubber Company	Overdrive	
Dance		
Analog Devices	General Electric	Probility Physical Therapy
Cleveland Foundation (The)/Cuyahoga Arts & Culture	Nottingham Spirk Design Associates	Rockwell Automation
Economics		
Amazon	Gerald A. Gordinier Attorney at Law	Plug and Play Tech Center
Baylor University Medical Center	Goldman Sachs	SIL (Summer Institute of Linguistics) International
CapitalWorks, LLC	Mercedes-Benz Financial Services	U.S. House of Representatives
Case Western Reserve University	MIM Software Inc.	UBS Private Wealth Management
Federal Reserve Bank of Chicago	Nestle	Vote Everywhere - Andrew Goodman Foundation
FINNEA Group	Northwestern Mutual	Waterloo Arts
Electrical Engineering		
ABB	General Electric (3)	Philips (2)
Alcoa	Global Health Design Collaboration	Procter & Gamble
Apple (2)	Hanley Flight & Zimmerman, LLC	Salesforce
Arconic	Heuresis Corporation	STERIS
Battelle Memorial Institute (2)	iRobot	Stryker

Boyce Technologies	Lincoln Electric Company (2)	Tektronix
Brookville Equipment Corporation	Los Alamos National Laboratory	University of Leeds
DENSO Corporation	Moen	Valero
Eaton Corporation	NASA (2)	Verily Life Sciences, Alphabet Inc.
Emerald Built Environments	Oakland County, Michigan	Wentsler LLC
ETC (Electronic Theatre Controls, Inc.)	Optimum Controls Corporation	Woodward MPC
Engineering		
American Association of Collegiate Registrars and Admissions Officers	National Institute of Standards and Technology	Ruhr University Bochum
billionloans	New York Institute of Technology	U.S. Army Corps of Engineers
Case Western Reserve University	Plaxall Inc.	U.S. Army Research Laboratory
Cleveland Museum of Art	Procter & Gamble	Wetlands International
Cutting Dynamics		
Engineering Physics		
Bowden Manufacturing	Los Alamos National Laboratory	Rutgers University, The State University of New Jersey
Case Western Reserve University	Ohio Department of Transportation	U.S. Senate
Ibotta		
English		
Church of the Covenant	MOCA (Museum of Contemporary Art) Cleveland	Smithsonian Enterprises
Cleveland Heights-University Heights School District	Roche	Western Reserve Historical Society
Finance		
Accuity	EY (Ernst & Young)	Redwood Living
Amware	General Electric	Rockwell Automation
Arconic	IBERIABANK	Rockwood Equity Partners (2)
AXA Advisors	KeyBank	Securable.io
City of Cleveland, Ohio	Leomaster	Storefront
Cleveland Museum of Natural History	NiSource, Inc.	TBC
College Gate	Park Place Technologies	Tenenbaum Recycling Group
DDR Corp	Plante Moran	UBS Private Wealth Management
Doximity	PNC Financial Services Group Inc.	USP
History		
Animal Friends	New Zealand Labour Party	Wayne County, Michigan Prosecutor's Office
Case Western Reserve University, Office of Government Relations	U.S.S. Cod	Westchester Medical Center

Hospice of the Western Reserve and Animal Friends		
International Studies		
City of Cleveland, Ohio, Office of Sustainability	New Zealand Labour Party (2)	U.S. Department of State
Cuyahoga County Progressive Caucus	Skoda Minotti	U.S.S. Cod
Jesuit Refugee Service	Start-Up Chile	UNHCR (United Nations High Commissioner for Refugees)
Kent Displays	T&M Associates	
Marketing		
Advanced RV	Children's Advocacy Center of Collin County, Texas	PwC
Bon Appetit	City of Cleveland, Ohio, Office of Sustainability	Rockwell Automation
BrandTuitive	Cleveland Museum of Art	Total Management
Briteskies	Hileman Group	TracyLocke
Case Alumni Association	LOFT (The): LGBT Community Center	
Materials Science & Engineering		
3M	General Electric	Procter & Gamble
Case Western Reserve University	NASA (3)	Terves Inc.
Case Western Reserve University, Solar Durability and Lifetime Extension Center	Naval Sea Systems Command	Tylok International, Inc.
Consolidated Precision Products	Nucor Steel	Zircoa, Inc.
Mathematics		
1st Day School Supplies	Federal Reserve Bank of Chicago	TMG (The Momentum Group)
Anthem, Inc.	Nestle	Valeo
Mechanical Engineering		
AAR CORP	Lubrizol Corporation	Rockwell Automation
ABB	Medtronic	Saft
Bendix Commercial Vehicle Systems	Moen	SAIC Volkswagen
Bowden Manufacturing (2)	Moog Aircraft Group	Schneider Saddlery
Case Western Reserve University	Morgan Corporation	Start-Up Chile
Case Western Reserve University, Center for Civic Engagement & Learning	MUM Industries, Inc.	STERIS
Case Western Reserve University, Great Lakes Energy Institute	NASA	Sturm Ruger & Co., Inc.
Consolidated Precision Products	NiSource, Inc.	Swagelok Company (4)
Darrah Electric	Northrop Grumman	Technoform Bautec
Dragonfly Pictures	Nottingham Spirk Design Associates	Tesla

Ford Motor Company	Oatey	Tianjin University in Qingdao
GED Integrated Solutions	OPW, a Dover company	Tylok International, Inc.
General Electric (4)	Otto	U.S. Department of the Interior, National Park Service
Goodyear Tire & Rubber Company	Parker Hannifin Corporation	UL
HP Inc.	Parts Life, Inc.	United Launch Alliance
Intwine Connect	Philips	University Associates in Dentistry
iRobot	Procter & Gamble	Uplift Data Partners
Kraft Heinz	Prout Boiler Heating and Welding	Ursa Major Technologies
Liberty Mutual	Rhinestahl	Vector Space Systems
Lockheed Martin (2)		
Music		
Atlanta Children's Shelter	Los Alamos National Laboratory	PricewaterhouseCoopers LLP
Bowden Manufacturing	Naval Sea Systems Command	Summit County, Ohio Public Health
Case Western Reserve University	PPG Industries	
Nursing		
Akron Children's Hospital	Cleveland Clinic	Mayo Clinic
Care Indeed	Hawaii Pacific Health	University Hospitals (8)
Case Western Reserve University		
Nutritional Biochemistry & Metabolism		
AstraZeneca	Case Western Reserve University	MetroHealth System
Camp Ho Mita Koda	Cleveland Clinic (2)	
Nutrition		
Case Western Reserve University	Neighborhood Family Practice	Tufts University
Centers for Disease Control & Prevention	Nova Southeastern University	Volunteers Initiative Nepal
Harvard University, Harvard School of Dental Medicine		
Physics		
Amazon	Huawei	Tektronix
Case Western Reserve University	Kent Displays	Vanderbilt University
Political Science		
Case Western Reserve University	Jesuit Refugee Service	U.S. Army War College
Case Western Reserve University, Office of Government Relations	Litigation Management Inc.	U.S. Congressman Doug Lamborn (Colorado)
City of Cincinnati, Ohio, Office of the Mayor	Maryland Office of the Attorney General	U.S. House of Representatives
Cuyahoga County Progressive Caucus	Northwestern Mutual	U.S. Senator Rob Portman (Ohio)

Exchangebase	PNC Financial Services Group Inc.	UNHCR (United Nations High Commissioner for Refugees)
FINNEA Group		
Polymer Science & Engineering		
Avery Dennison Corporation	Carlisle Construction Materials	Ferro Corporation
Battelle Memorial Institute	Centro Catala del Plastico	Kyushu University
Belden	Covestro	Sherwin-Williams Company (The) (2)
Boston Scientific	Epic	University of Fribourg, National Center of Competence in Research
CACI		
Pre-Medicine		
Baylor College of Medicine	Children's Hospital of Philadelphia	National Institutes of Health
Bowden Manufacturing	Cincinnati Children's Hospital Medical Center	Skyline Urology
Case Western Reserve University	Dwellworks	
Psychology		
China CITIC Bank	KentuckyOne Health	U.S. Committee for Refugees & Immigrants (USCRI)
Cleveland Clinic (2)	Office of Integrative Medicine	U.S. Probation and Pretrial Services
Cornell University, Weill Cornell Medicine	Ohio Citizen Action	University Hospitals
Gateway Woods	Riviera Partners	Western Wake Counseling and Psychological Services
Juvenile Justice Coalition of Ohio	South Street Ministries	YWCA
Sociology		
Bluegrass First Health Center	InterReligious Task Force on Central America	Thompson Hine LLP
CACI	Juvenile Justice Coalition of Ohio	U.S. Probation and Pretrial Services
Cleveland Foundation (The)/Cuyahoga Arts & Culture	Ohio Citizen Action	YWCA
CT Consultants	Planned Parenthood Advocates of Ohio	
Statistics		
Case Western Reserve University	National General Insurance	Vanderbilt University
Cleveland Indians	University Hospitals	Workiva
Exelon		
Systems & Control Engineering		
Alcoa	Hanley Flight & Zimmerman, LLC	Swagelok Company
Analog Devices	NASA	Wentsler LLC
Astronics AES		

Undecided		
Case Western Reserve University	Ketchum	Shane T. Millette, CPA, LLC
Cleveland Clinic	Matrix Industrial Automation	SJ LLC
John G. Shedd Aquarium	Saint Louis University	

International Students

There are a limited number of options (e.g., Cooperative Education, Practicum) available to international students[3] that meet the requirements for Curricular Practical Training (CPT) and/or Optional Practical Training (OPT), and for purposes of this report, students were asked to report data on internships only, not experiences obtained through courses. Five hundred three international students were invited to complete the Internship Survey, and 116 responded to the survey for a response rate of 23%. Of those 116 students, 26 (22%) reported having an internship during the time period Fall 2016 – Summer 2017. One student reported having more than one internship, for a total of 27 internships. Location was reported for 26 of the internships. Fourteen (54%) internships took place in the U.S., and the remainder took place in China (n = 10), India (n = 1), and Japan (n = 1).

Acknowledgements

Author & Statistical Analysis: Robin Hedges, Career Center

[3] International students are a unique subset of the student population in that their ability to legally work in the United States is significantly more limited than U.S. students. According to the Case Western Reserve University International Student Services FAQ website, "F-1 and J-1 students are eligible to work on-campus. Those who are registered full-time may work no more than 20 hours per week during the semester and 40 hours per week during breaks and the summer. There is also the option for F-1 Practical Training or J-1 Academic Training . . . F-1 students who have been in status for 9 consecutive months are eligible to apply for practical training. Students may apply for Curricular Practical Training (CPT) if the internship or job experience is an integral part of the curriculum. Students can apply for Optional Practical Training (OPT) before or after the completion of studies."

Appendix: Internship Survey 2016-17

Internship Survey 2016-17

Q1 **Study Title:** Internship Survey

Person Responsible for the Study: Thomas B. Matthews, PhD, Executive Director, Career Center

Description: The purpose of this survey is to learn whether or not you participated in any internships during the 2016-17 academic year, if yes, where your internship took place, your rate of pay, post-internship outcomes, and the impact of your internship on your career decidedness. This will take approximately 10 minutes of your time.

Risks / Benefits: There are no direct risks or benefits to participants.

Confidentiality: The information you provide for this study is completely confidential. No individual participants will ever be identified with their survey information. Data from this survey will be saved in a proprietary software program (Qualtrics) with limited access on a secure CWRU Student Affairs server.

Voluntary Participation: Your participation in this survey is voluntary. You may choose not to take part in this survey, or if you decide to take part, you can change your mind later and withdraw from the survey. You are free to not answer any questions or withdraw at any time.

Whom do I contact for questions about the study: For more information about the survey or survey procedures, contact Thomas B. Matthews, PhD, Executive Director, Career Center & CWRU LaunchNet, at 216.368.4446 or thomas.matthews@case.edu.

Whom do I contact for questions about my rights or complaints towards my treatment as a survey subject? Contact Amanda Thomas, Student Affairs Director of Assessment, at 216.368.2976 or amanda.thomas@case.edu

Consent to Participate in Survey: *To volunteer to take part in this survey, you must be 18 years of age or older. By signing the form, you are giving your voluntary consent to participate in this survey.*

Q2 I am at least 18 years of age and agree to participate in this study.

- ❍ Yes (1)
- ❍ No (2)

Skip To: End of Survey If I am at least 18 years of age and agree to participate in this study. = No

Q3 Did you participate in any of the following experiences during time period July 1, 2016 – June 30, 2017. Select all that apply.

- ❑ Internship (No course enrollment, paid or unpaid, full-time or part-time) (1)
- ❑ Career Center Practicum Program (Enrolled in PRAC 001, 002 or 003 OR MGT 001 or 002) (2)
- ❑ Cooperative Education Program (Enrolled in a COOP course) (3)
- ❑ Nursing clinicals or practica (4)
- ❑ Undergraduate research (5)
- ❑ Creative endeavor (6)
- ❑ Study abroad (7)
- ❑ Community service (8)
- ❑ None of these (9)

Skip To: End of Survey If Did you participate in any of the following experiences during time period July 1, 2016 – June 30... != Internship (No course enrollment, paid or unpaid, full-time or part-time)

Page Break

Q4 Please provide information about your internship. If you participated in more than one internship with more than one organization, please provide information about only one internship at a time. You will have an opportunity to report about additional internships further into the survey. Please do not report information on Practicum, Co-op, or other experiences you may have reported in the previous question.

Q5 During which term(s) did you participate in this internship?

- ❑ Fall 2016 (1)
- ❑ Spring 2017 (2)
- ❑ Summer 2017 (3)

Q6 With what organization did you intern? If your internship organization is not listed, please provide the name in the "Other, please specify" text box.

- Accenture (1)
- Alcoa (2)
- American Greetings (3)
- Ameriprise Financial (4)
- Apple (5)
- Avery Dennison Corporation (6)
- Battelle Memorial Institute (7)
- Ben Venue Laboratories (8)
- BioEnterprise Corporation (9)
- Bloomberg LP (10)
- Case Western Reserve University (11)
- Centers for Disease Control & Prevention (12)
- Cleveland Clinic (13)
- Codonics Inc. (14)
- Cohen & Company (15)
- Deloitte Accounting (16)
- Deloitte Consulting LLP (17)
- Eaton Corporation (18)
- Epic Systems Corporation (19)
- EY (Ernst & Young) (20)
- Explorys, an IBM Company (21)
- General Electric (22)
- Goodyear Tire & Rubber Company (23)
- Google (24)
- Howard, Wershbale & Co. (25)
- Hyland, creator of OnBase (26)
- IBM (27)
- Intel Corporation (28)
- Keithley, a Tektronix Company (29)
- Kensey Nash, acquired by Royal DSM (30)
- KeyBank (31)
- KPMG (32)
- Lincoln Electric Company (33)
- LNE Group (34)
- Lockheed Martin (35)
- Lubrizol Corporation (36)
- Mayo Clinic (37)
- McKinsey & Company (38)
- McMaster-Carr Supply Company (39)
- Medtronic (40)
- MetroHealth System (41)
- Microsoft Corporation (42)
- MIM Software Inc. (43)
- MRI Software LLC (44)
- NASA (45)
- National Institutes of Health (46)
- National Instruments (47)
- Nordson Corporation (48)
- Parker Hannifin Corporation (49)

- ❍ Peace Corps (50)
- ❍ Phillips (51)
- ❍ Plante Moran (52)
- ❍ PNC Financial Services Group Inc. (53)
- ❍ PPG Industries (54)
- ❍ Precision Castparts Corp, (55)
- ❍ PricewaterhouseCoopers LLP (56)
- ❍ Procter & Gamble (57)
- ❍ Progressive Group of Insurance Companies (58)
- ❍ Rockwell Automation (59)
- ❍ Rosetta (60)
- ❍ Sherwin-Williams Company (61)
- ❍ St. Jude Medical Inc. (62)
- ❍ Swagelok Company (63)
- ❍ Teach For America (64)
- ❍ Timken Company (65)
- ❍ University Hospitals (66)
- ❍ Westinghouse Electric Company (67)
- ❍ Yelp (68)
- ❍ ZS Associates (69)
- ❍ Other (please specify) (70) _____

Q9 What was your title at this internship?

_____

Q10 What was your job function at this internship? For example, if you were an accounting intern at Walt Disney World, then your job function was accounting.

▼ Accounting (1) ... Social Services (23)

Q7 In what city did you complete your internship?

_____

Q8 In what state did you complete your internship?

▼ Alabama (1) ... Outside the United States (56)

Q11 Was your internship paid or unpaid?

- ❍ Paid (1)
- ❍ Unpaid (2)

Display This Question:
If Was your internship paid or unpaid? = Paid

Q12 Please indicate the hourly rate at which you were paid.

▼ Less than $10.00 per hour (1) ... More than $30.00 per hour (12)

Q13 How many hours per week did you work?

- ❍ 10 hours per week or fewer (1)
- ❍ 11 - 20 hours (2)
- ❍ 21 - 30 hours (3)
- ❍ 31 - 40 hours (4)
- ❍ More than 40 hours per week (5)

Q14 Which of the following statements best describes your internship in relation to your CWRU major(s)?

- ❍ My major was required, and this internship was related to my field of study. (1)
- ❍ My major was not required for this internship, but my major helped me to get it. (2)
- ❍ Having my major made no difference in my getting this internship. (3)

Q15 Which of the following was the outcome of this internship?

- ❍ This organization offered me a full-time permanent position following graduation. (1)
- ❍ The organization offered me another internship or a part-time position for the 2016-17 academic year. (2)
- ❍ The organization offered me another internship or a part-time position for summer 2017. (3)
- ❍ The organization offered me another internship or a part-time position following graduation. (6)
- ❍ None of these. (7)

Skip To: Q44 If Which of the following was the outcome of this internship? = None of these.

Q46 Did you accept this offer?

- ❍ Yes (1)
- ❍ No (2)
- ❍ I'm still deciding (3)

Q44 How decided were you on your career plans prior to this recent internship?

- ❍ Decided (1)
- ❍ Somewhat decided (2)
- ❍ Somewhat undecided (3)
- ❍ Undecided (4)

Q45 How decided were you on your career plans upon completion of this internship?

- ❍ Decided (1)
- ❍ Somewhat decided (2)
- ❍ Somewhat undecided (3)
- ❍ Undecided (4)

Q16 Would you recommend this internship site to other CWRU students?

- ❍ Yes (1)
- ❍ No (2)

Skip To: Q22 If Would you recommend this internship site to other CWRU students? = No

Q17 Can we contact this site for the sole purpose of engaging them in future recruitment of CWRU students?

- ❍ Yes (1)
- ❍ No (2)

Skip To: Q22 If Can we contact this site for the sole purpose of engaging them in future recruitment of CWRU stud... = No

Q18 Contact name

_____

Q19 Contact title

_____

Q20 Contact email address (jane.doe@organization.com)

_____

Q21 Contact phone number (xxx-xxx-xxxx)

_____

Q22 Did you complete an internship with any other organization during 2016-17 (Fall 2016, Spring 2017, Summer 2017)

- ❍ Yes (1)
- ❍ No (2)

Skip To: Q47 If Did you complete an internship with any other organization during 2016-17 (Fall 2016, Spring 2017... = No

Q31 Please provide information about your additional internship.

Q30 During which term(s) did you participate in this internship?

- ❑ Fall 2016 (1)
- ❑ Spring 2017 (2)
- ❑ Summer 2017 (3)

Q29 With what organization did you intern? If your internship organization is not listed, please provide the name in the "Other, please specify" text box.

- Accenture (1)
- Alcoa (2)
- American Greetings (3)
- Ameriprise Financial (4)
- Apple (5)
- Avery Dennison Corporation (6)
- Battelle Memorial Institute (7)
- Ben Venue Laboratories (8)
- BioEnterprise Corporation (9)
- Bloomberg LP (10)
- Case Western Reserve University (11)
- Centers for Disease Control & Prevention (12)
- Cleveland Clinic (13)
- Codonics Inc. (14)
- Cohen & Company (15)
- Deloitte Accounting (16)
- Deloitte Consulting LLP (17)
- Eaton Corporation (18)
- Epic Systems Corporation (19)
- EY (Ernst & Young) (20)
- Explorys, an IBM Company (21)
- General Electric (22)
- Goodyear Tire & Rubber Company (23)
- Google (24)
- Howard, Wershbale & Co. (25)
- Hyland, creator of OnBase (26)
- IBM (27)
- Intel Corporation (28)
- Keithley, a Tektronix Company (29)
- Kensey Nash, acquired by Royal DSM (30)
- KeyBank (31)
- KPMG (32)
- Lincoln Electric Company (33)
- LNE Group (34)
- Lockheed Martin (35)
- Lubrizol Corporation (36)
- Mayo Clinic (37)
- McKinsey & Company (38)
- McMaster-Carr Supply Company (39)
- Medtronic (40)
- MetroHealth System (41)
- Microsoft Corporation (42)
- MIM Software Inc. (43)
- MRI Software LLC (44)
- NASA (45)
- National Institutes of Health (46)
- National Instruments (47)
- Nordson Corporation (48)
- Parker Hannifin Corporation (49)

- ❍ Peace Corps (50)
- ❍ Phillips (51)
- ❍ Plante Moran (52)
- ❍ PNC Financial Services Group Inc. (53)
- ❍ PPG Industries (54)
- ❍ Precision Castparts Corp, (55)
- ❍ PricewaterhouseCoopers LLP (56)
- ❍ Procter & Gamble (57)
- ❍ Progressive Group of Insurance Companies (58)
- ❍ Rockwell Automation (59)
- ❍ Rosetta (60)
- ❍ Sherwin-Williams Company (61)
- ❍ St. Jude Medical Inc. (62)
- ❍ Swagelok Company (63)
- ❍ Teach For America (64)
- ❍ Timken Company (65)
- ❍ University Hospitals (66)
- ❍ Westinghouse Electric Company (67)
- ❍ Yelp (68)
- ❍ ZS Associates (69)
- ❍ Other (please specify) (70) _____

Q26 What was your title at this internship?

_____

Q32 What was your job function at this internship? For example, if you were an accounting intern at Walt Disney World, then your job function was accounting.

▼ Accounting (1) ... Social Services (23)

Q28 In what city did you complete this internship?

_____

Q27 In what state did you complete this internship?

▼ Alabama (1) ... Outside the United States (56)

Q35 Was your internship paid or unpaid?

- ❍ Paid (1)
- ❍ Unpaid (2)

Display This Question:
If Was your internship paid or unpaid? = Paid

Q34 Please indicate the hourly rate at which you were paid.

▼ Less than $10.00 per hour (1) ... More than $30.00 per hour (12)

Q33 How many hours per week did you work?

- ❍ 10 hours per week or fewer (1)
- ❍ 11 - 20 hours (2)
- ❍ 21 - 30 hours (3)
- ❍ 31 - 40 hours (4)
- ❍ More than 40 hours per week (5)

Q38 Which of the following statements best describes your internship in relation to your CWRU major(s)?

- ❍ My major was required, and this internship was related to my field of study. (1)
- ❍ My major was not required for this internship, but my major helped me to get it. (2)
- ❍ Having my major made no difference in my getting this internship. (3)

Q37 Which of the following was the outcome of this internship?

- ❍ The organization offered me a full-time, permanent position following graduation. (1)
- ❍ The organization offered me another internship or a part-time position for the 2016-17 academic year. (2)
- ❍ The organization offered me another internship or a part-time position for summer 2017. (3)
- ❍ The organization offered me another internship or a part-time position following graduation. (5)
- ❍ None of these. (6)

Skip To: Q47 If Which of the following was the outcome of this internship? = None of these.

Q48 Did you accept the offer?

- ❍ Yes (1)
- ❍ No (2)
- ❍ I'm still deciding (3)

Q23 How decided were you on your career plans prior to your most recent internship?

- ❍ Decided (1)
- ❍ Somewhat decided (2)
- ❍ Somewhat undecided (3)
- ❍ Undecided (4)

Q24 How decided are you on your career plans after completing your most recent internship?

- ❍ Decided (1)
- ❍ Somewhat decided (2)
- ❍ Somewhat undecided (3)
- ❍ Undecided (4)

Q36 Would you recommend this internship site to other CWRU students?

- ❍ Yes (1)
- ❍ No (2)

Skip To: Q47 If Would you recommend this internship site to other CWRU students? = No

Q39 Can we contact this site for the sole purpose of engaging them in future recruitment of CWRU students?

- ❍ Yes (1)
- ❍ No (2)

Skip To: Q47 If Can we contact this site for the sole purpose of engaging them in future recruitment of CWRU stud... = No

Q40 Contact name

_____

Q41 Contact title

_____

Q42 Contact email address

_____

Q43 Contact phone number

_____

Q47 The Career Center thanks you for your time and the information you have shared! If you would like help with your next internship or job search or with the graduate or professional school application process, please contact us today to schedule an appointment. More info and resources are available on our website.