

CWRU CAREER CENTER SPRING 2013



# CWRU | *FDS*

FIRST DESTINATION SURVEY  
Class of 2012



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# First Destination Survey Report Class of 2012

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## Executive Summary

The economy continued to make incremental improvement recently, as indicated by a higher number of graduates from the class of 2012 beginning their careers immediately upon graduation. Consistent with the experience of their recent predecessors, early engagement in internships and attendance at CWRU career fairs and on-campus interviewing, proved to be successful strategies for securing degree-related career opportunities. With degrees in hand, 48% of the class of 2012 respondents decided to enter the workforce while 38% chose to pursue an advanced degree.

## Highlights

- ◆ Of those who responded to the question about experiential learning, ninety-seven percent (97%) reported participating in at least one form of experiential learning.
- ◆ Eighty-two percent (82%) of graduates who reported being employed indicated that the position they found required a college degree and was related to their field of study.
- ◆ Select organizations hiring multiple members of the Class of 2012 included Epic Systems (15), Cleveland Clinic (13), Teach for America (13), General Electric (12), University Hospitals (12), Case Western Reserve University (10), Microsoft Corporation (7), Rockwell Automation (7), and Accenture (5).
- ◆ Thirty-eight percent (38%) of graduates reported pursuing an advanced degree; of those, sixteen percent (16%) planned to attend medical school (M.D. or D.O.).
- ◆ Graduates were accepted into a number of impressive graduate and professional schools including: Columbia University, Cornell University, Dartmouth College, Georgetown University, Harvard University, London School of Economics and Political Science, Stanford University, University of Pennsylvania, and Yale University.
- ◆ Thirty-six percent (36%) of graduates who are continuing on to graduate school will study at CWRU.
- ◆ Similar to last year, the median salary range for the Class of 2012 was \$50,000-\$54,999. Median salary ranges by college/schools were as follows:
  - Arts & Sciences: \$30,000-34,999, a decrease of \$10,000 from last year
  - Engineering: \$55,000-59,999, no change from last year
  - Management: \$45,000-49,999, no change from last year
  - Nursing: \$50,000-54,999, an increase of \$5,000 from last year.

Many in the media continue to paint a dim picture of the current job market, suggesting recent college graduates are facing the same career challenges as aging Boomers. As you'll see, our newest graduates, despite a challenging economy, found meaningful educational and career pursuits to propel them into the next phase of their young lives.

Thomas B. Matthews, Ph.D.  
Executive Director, CWRU Career Center

## **Methodology**

The 2012 First Destination Survey was distributed to 888 graduating seniors using a web-based technique. Job and graduate/professional school plan data was also collected via faculty/staff reports and Linked In, an online professional networking website. Overall, placement data was collected for 81% (n=723) of graduates.

The 2012 First Destination Survey was distributed in three stages throughout the academic year: August 2011, January 2012, and May 2012. An email was sent to graduates with a link to the survey beginning approximately one month before graduation, and continued to be sent every two weeks to all non-respondents and still-seeking graduates through October 2012. LinkedIn was used to gather information on non-respondents and those students who indicated they were still seeking employment after graduating from CWRU. Faculty and staff were also contacted for placement information on non-respondents and those graduates still seeking employment.

Appendix A includes a copy of the First Destination Survey used to capture the information contained in this report. The survey was administered using CampusLabs, an assessment vendor used by the Career Center.

## Seven-Year Overview

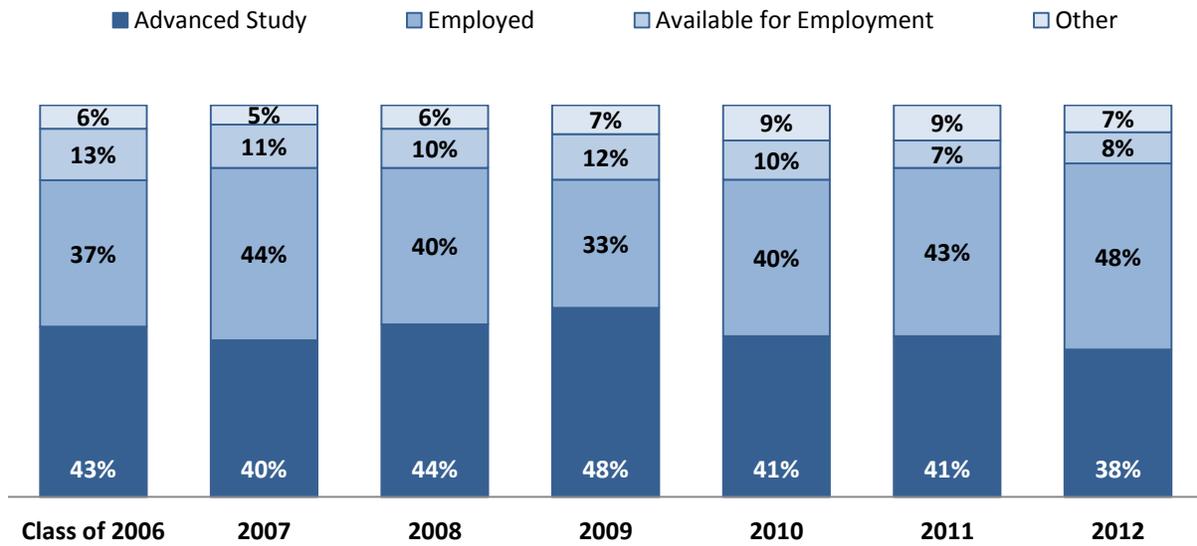
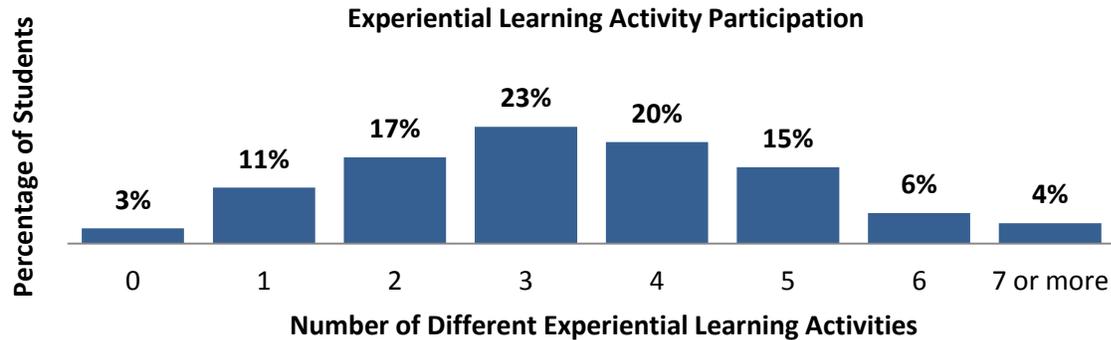


Table 1. Post-Graduation Plans	2006	2007	2008	2009	2010	2011	2012	Trend
Advanced Study	43%	40%	44%	48%	41%	41%	38%	—
Employed Full-Time	37%	44%	40%	33%	40%	43%	48%	—
Available for Employment	13%	11%	10%	12%	10%	7%	8%	—
Other	6%	5%	6%	7%	9%	9%	7%	—

## Key Findings

### Experiential Learning

Five hundred sixty-five (565) graduates answered the experiential learning questions. Of those students, 97% (n=547) participated in at least one experiential learning activity.



Students rated all of the experiential learning activities as valuable or extremely valuable.<sup>1</sup> Of those who participated in experiential learning, Nursing graduates had the highest average number of activities (3.75), followed by Arts and Sciences graduates (3.67), Engineering graduates (3.39), and Management graduates (3.23). Community service and research with CWRU faculty were the most popular activities for Arts and Sciences and Engineering majors, while internships and community service were the most popular activities for Management majors. All Nursing majors participated in a practicum and the vast majority participated in community service. The table below describes participation by school/college.

**Table 2. Participation in Experiential Learning by School/College<sup>2</sup>**

Experiential Learning Activities	Arts & Sciences (N=265)		Engineering (N=228)		Management (N=76)		Nursing (N=40)	
	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
Overall participation	253	96%	223	98%	74	97%	40	100%
Internship	89	34%	113	50%	55	72%	11	28%
Practicum	35	13%	10	4%	10	13%	40	100%
Co-op	9	3%	71	31%	2	3%	1	3%
Research Outside of CWRU	81	31%	50	22%	15	20%	6	15%
Research with CWRU Faculty	165	62%	131	58%	16	21%	15	38%
Independent Research/Creative Endeavor	132	50%	72	32%	18	24%	11	28%
Study Abroad	73	28%	31	14%	20	26%	13	33%
Summer Job Related to Studies	141	53%	119	52%	43	57%	21	53%
Community Service	204	77%	160	70%	60	79%	32	80%

<sup>1</sup> Scale: Did not participate, not at all valuable, slightly valuable, somewhat valuable, valuable, extremely valuable.

<sup>2</sup> Students who earned degrees from more than one school/college are included in the counts for each college/school in which they earned a degree.

### Skills Developed Through Experiential Learning

Graduates were asked to rank the top three skills they developed as a result of participating in experiential learning activities<sup>3</sup>. Overall, graduates ranked technical or job content skills (54%), communication skills (41%), and analytical skills (39%) as the areas where they improved the most.

**Table 3. Top 3 Skills Developed through Experiential Learning Activities (by College/School)**

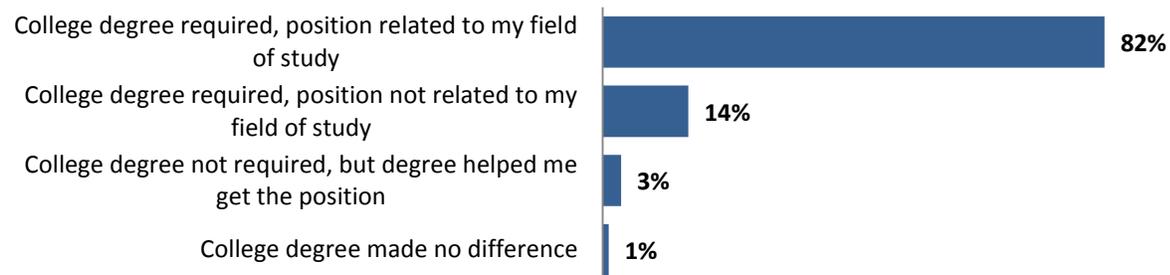
Arts & Sciences	Engineering	Management	Nursing
Technical Job/Content	Technical Job/Content	Leadership	Technical/Job Content
Analytical	Communication	Communication	Adaptability
Interpersonal	Strong Work Ethic	Computer and Analytical	Communication

**Table 4. Percentage of Graduates in Each College/School Who Ranked Each Skill as #1**

Skills	Arts & Sciences	Engineering	Management	Nursing
Adaptability	20%	29%	29%	38%
Analytical	45%	36%	40%	0%
Communication	37%	42%	51%	37%
Computer	10%	29%	40%	19%
Detail-Oriented	37%	7%	0%	20%
Interpersonal	41%	31%	32%	36%
Leadership	37%	25%	53%	33%
Motivation/Initiative	15%	27%	11%	0%
Organizational	26%	20%	25%	0%
Self-Confidence	27%	28%	10%	31%
Strong Work Ethic	40%	38%	25%	0%
Teamwork	22%	25%	29%	11%
Technical Job/Content	49%	52%	22%	80%

### Position Requirements

Forty-eight percent (48%, n=344) of graduates accepted full-time employment and 252 (73%) provided a response to whether or not a college degree was required for their jobs. Of those who answered the question, 96% said their position required a college degree and 82% said their position required a college degree and was related to their field of study.



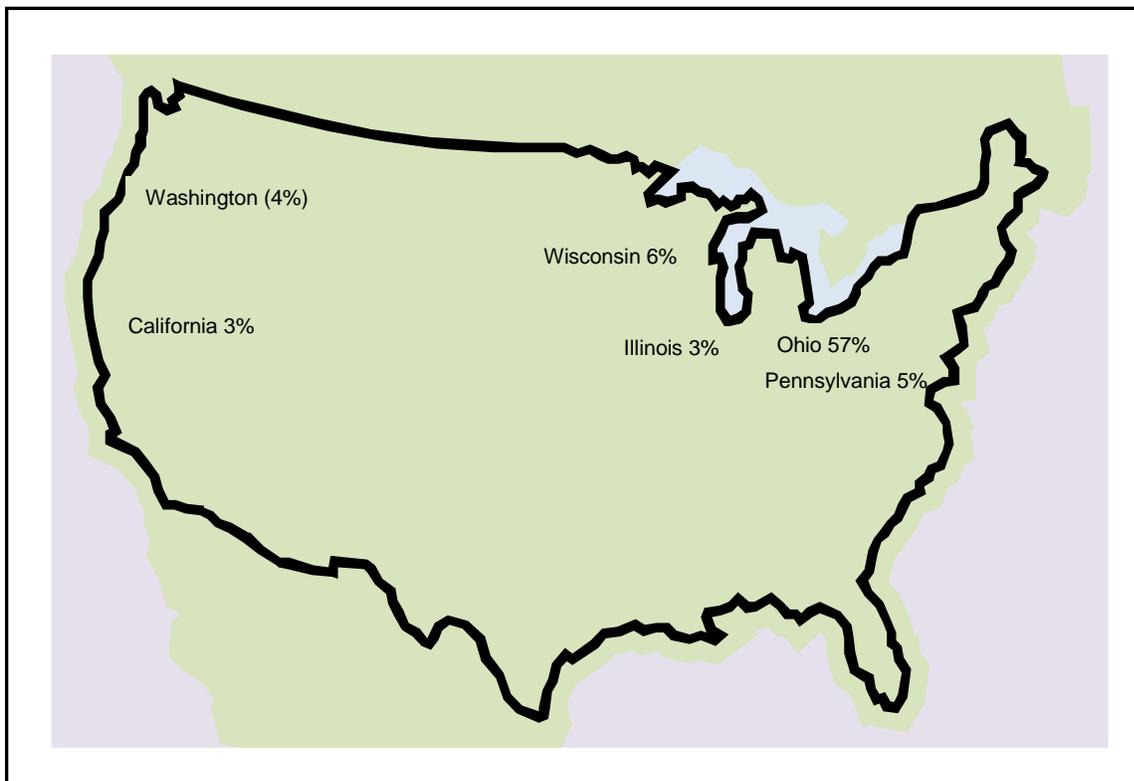
<sup>3</sup> N=526

### Job Locations

Of the 344 graduates who accepted full-time employment, 92% (n=326) provided information about the location of their position. Sixty-nine percent (69%, n=225) accepted positions in the midwest United States<sup>4</sup>. Fifty-seven percent (57%, n=186) accepted positions in Ohio. Of those who accepted positions in Ohio, 87% (n=162) accepted positions in the northeastern region. Outside of Ohio, graduates tended to take jobs in Wisconsin, Pennsylvania, Washington, Illinois, and California. Nine students (3%) accepted full-time employment outside the United States.

**Table 5. Employment by Region**

n	%	Region
225	69%	Midwest
36	11%	Northeast
29	9%	South
27	8%	West
9	3%	Outside the U.S.
<b>326</b>	<b>100%</b>	<b>Total</b>



<sup>4</sup> Regions were determined based on the U.S. Census Bureau document *Census Regions and Divisions of the United States*. Retrieved January 4, 2013.

## Industry

Of the 344 graduates who accepted full-time employment, 74% (n=253) provided information about their chosen industry.

Industry	n	%	Industry	n	%
Accounting	12	5%	Marketing/Sales	11	4%
Business/Administration	2	1%	Medical Device	3	1%
Construction	1	0%	Non-profit	5	2%
Consulting	13	5%	Nursing	28	11%
Education/Teaching	17	7%	Politics/Law	1	0%
Engineering	84	33%	Research	7	3%
Financial Services	12	5%	Science	3	1%
Healthcare/Public Health	16	6%	Social Services	3	1%
Information Technology	23	9%	Sustainability/Green/Environment	3	1%
Manufacturing	9	4%			

## Career Center Visits

Graduates were asked to indicate how frequently they visited the Career Center. A total of 553 graduates responded to the question and 74% (n= 409) said they had visited the Career Center at least once. The percentage of students who visited the Career Center by school/college was as follows:

Arts and Sciences	66% (n=169)	Management	89% (n=66)
Engineering	85% (n=191)	Nursing	47% (n=18)

### Select Employers

A sampling of Fortune 500, government, non-profit, and private sector employers who hired the Class of 2012 includes:

Accenture (5)	International Institute for Strategic Studies
Aflac	Invacare
Amazon	Key Bank (6)
American Greetings	KPMG, LLP
Apple	Lincoln Electric (3)
Avery Dennison	Microsoft (7)
Battelle Memorial Institute	MIM Software
Ben Venue Laboratories (2)	MRI Software (2)
BioEnterprise (3)	NASA Glenn Research Center (3)
Bloomberg (2)	National Security Agency
CardioInsight	Philips Healthcare (2)
Case Western Reserve University (10)	PNC Bank (3)
Centers for Disease Control and Prevention	PricewaterhouseCoopers (3)
Cleveland Clinic (13)	Procter & Gamble (3)
Codonics	Progressive Insurance
Deloitte	Quality Electrodynamics
Epic Systems (15)	Rockwell Automation (7)
Ernst & Young	Rosetta (4)
Explorys	Teach for America (13)
Fidelity Investments	University Hospitals (12)
Frito-Lay	Yelp, Inc.
General Electric (12)	ZS Associates

### Starting Salaries

Seventy-three percent (73%, n=252) of the 344 graduates who accepted full-time employment provided their salary information. The median salary range for those who accepted full-time employment was \$50,000-\$54,999. The most common salary range was \$60,000-\$64,999.



### **Graduate/Professional Schools**

A total of 273 students planned to pursue advanced study and 239 provided information about their graduate/professional school. The list below highlights some of the institutions they chose to attend:

Boston University	Pennsylvania State University (3)
Carnegie Mellon University (2)	Rice University
Case Western Reserve University (86)	Rutgers University
Columbia University (2)	Stanford University (2)
Cornell University	Syracuse University
Dartmouth College	University of California, Berkeley (3)
Duke University (6)	University of California, Irvine
Emory University	University of California, Santa Barbara (2)
Georgetown University	University of Chicago
Georgia Institute of Technology (3)	University of Colorado (2)
Harvard University (4)	University of Illinois at Urbana-Champaign
Indiana University (3)	University of Michigan
Johns Hopkins University	University of Pennsylvania
London School of Economics and Political Science	University of Pittsburgh (3)
Massachusetts Institute of Technology	University of Virginia (2)
Michigan State University	University of Wisconsin - Madison
New York University	Vanderbilt University (2)
Northwestern University	Washington University in St. Louis (4)
Ohio State University (9)	Yale University (2)

### **Law Schools**

Six percent (6%, n=15) of graduates planned to attend law school. Their chosen law schools included:

Case Western Reserve University (6)	University of Akron (2)
Cleveland State University	University of Baltimore
Georgia State University	University of Victoria
George Washington University	Yale University
Ohio State University	

### **Medical Schools**

Sixteen percent (16%, n=38) of graduates planned to attend medical school. Medical schools that graduates chose to attend included:

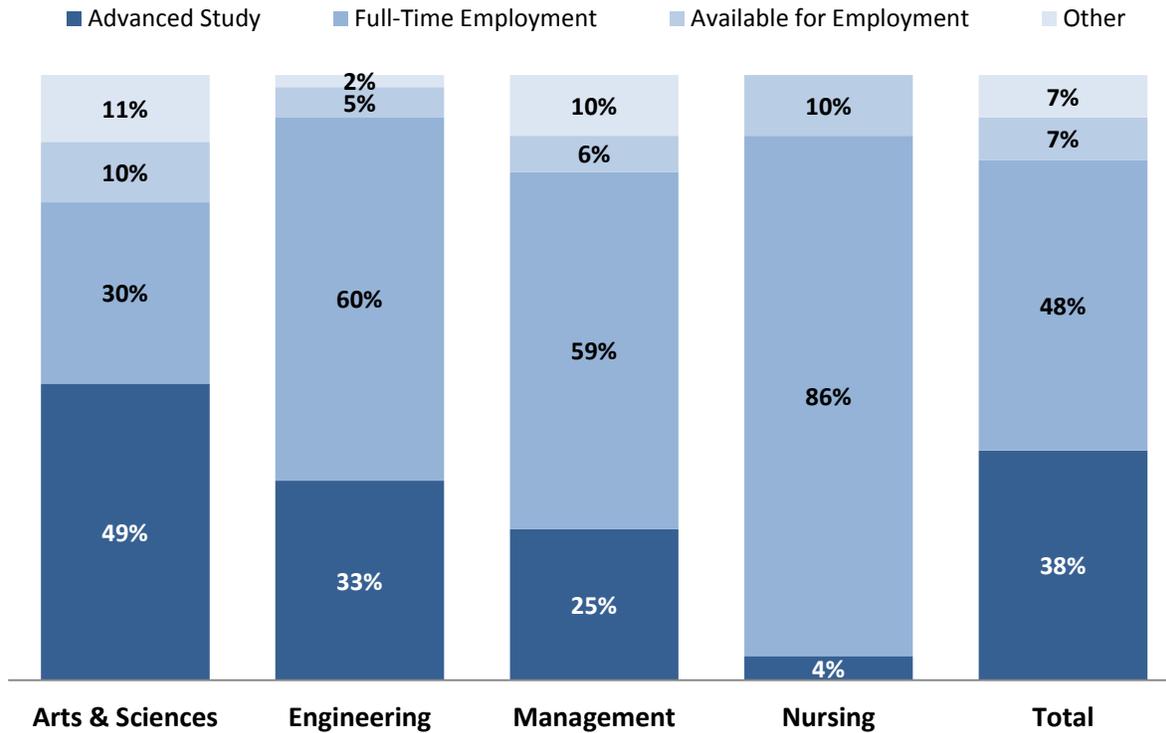
Albert Einstein College of Medicine	University of Arkansas
Case Western Reserve University (6)	University of California, Irvine
Drexel University	University of Cincinnati (2)
Duke University (2)	University of Colorado at Denver
Harvard University (2)	University of Illinois-Chicago
Indiana University (2)	University of Massachusetts
Lake Erie College of Osteopathic Medicine (2)	University of Pittsburgh (2)
Medical College of Georgia	University of South Florida
Ohio State University	University of Toledo (3)
Ohio University	University of Virginia
Temple University	Washington University in St. Louis
Tufts University	Wright State University (2)

### **Scholarships and Fellowships**

Graduates were also awarded a number of impressive scholarships and fellowships including:

- Beinecke Scholarship
- Department of Energy Science Graduate Fellowship
- Fulbright English Teaching Apprenticeship
- Fulbright Fellowship (2)
- National Collegiate Athletic Association Postgraduate Scholarship
- National Institute of Health Fellowship
- National Science Foundation Fellowship
- NASA Space Technology Research Fellowship
- Tau Beta Pi Fellowship
- Whitaker Fellowship

## 2012 Post-Graduation Plans (by School)



**Table 6. Future Plans by School**

Plans	Arts and Sciences		Engineering <sup>5</sup>		Management <sup>6</sup>		Nursing		Total <sup>7</sup>	
Advanced Study	173	49%	90	33%	26	25%	2	4%	273	38%
Full-time Employment	106	30%	162	60%	63	59%	44	86%	344	48%
Available for Employment	34	10%	13	5%	6	6%	5	10%	54	7%
Other	40	11%	5	2%	11	10%	0	0%	52	7%
<b>Total Responses</b>	<b>353</b>	<b>100%</b>	<b>270</b>	<b>100%</b>	<b>106</b>	<b>100%</b>	<b>51</b>	<b>100%</b>	<b>723</b>	
Total Graduates	456		317		120		58		888	
Response Rate	77%		85%		88%		88%		81%	

<sup>5</sup> Includes students awarded a degree in Computer Science.

<sup>6</sup> Includes students awarded degrees in Economics.

<sup>7</sup> Percentages may not add to 100% due to rounding. The school/college totals do not add up to the sum in the Total column because students are counted once for each of their schools.

### Post-Graduation Plans: All Undergraduates (by Major)

Seventy-six percent (76%, n=547) of participants graduated with one major; 24% (n=170) with two majors; and 1% (n=6) with three majors. The next table describes graduates plans by major<sup>8</sup>. Graduates' responses are counted once for each of their earned majors, for a total of 861 responses.

**Table 7. Future Plans by Major<sup>9</sup>**

Major	Total Graduates	Total Responses	Response Rate	Advanced Study		Full-Time Employment		Available		Other	
Accounting*	33	31	94%	10	32%	20	65%	0	0%	1	3%
Aerospace Engineering*	23	22	96%	7	32%	14	64%	1	5%	0	0%
Anthropology*	30	21	70%	10	48%	7	33%	3	14%	1	5%
Art History*	9	9	100%	7	78%	1	11%	0	0%	1	11%
Biochemistry*	36	27	75%	15	56%	8	30%	2	7%	2	7%
Biology*	89	72	81%	39	54%	17	24%	7	10%	9	13%
Biomedical Engineering*	69	56	81%	26	46%	27	48%	3	5%	0	0%
Chemical Engineering*	42	38	90%	14	37%	23	61%	1	3%	0	0%
Chemistry*	55	41	75%	26	63%	10	24%	3	7%	2	5%
Civil Engineering*	18	16	89%	6	38%	9	56%	1	6%	0	0%
Cognitive Science*	26	22	85%	6	27%	9	41%	4	18%	3	14%
Communication Sciences*	10	8	80%	3	38%	3	38%	2	25%	0	0%
Computer Engineering*	10	9	90%	3	33%	6	67%	0	0%	0	0%
Computer Science*	44	37	84%	7	19%	28	76%	2	5%	0	0%
Economics*	39	35	90%	10	29%	18	51%	2	6%	5	14%
Electrical Engineering*	30	25	83%	6	24%	18	72%	1	4%	0	0%
Engineering Physics*	9	7	78%	3	43%	3	43%	0	0%	1	14%
English*	27	19	70%	4	21%	9	47%	4	21%	2	11%
Environmental Studies*	7	5	71%	4	80%	1	20%	0	0%	0	0%
French*	5	5	100%	2	40%	1	20%	0	0%	2	40%
History*	20	12	60%	6	50%	3	25%	1	8%	2	17%
International Studies*	16	14	88%	5	36%	8	57%	0	0%	1	7%
Management*	48	40	83%	6	15%	25	63%	4	10%	5	13%

<sup>8</sup> Majors that include at least one student with multiple majors are marked with an asterisk (\*).

<sup>9</sup> In order to maintain confidentiality, majors with less than five responses were not included.

Major	Total Graduates	Total Responses	Response Rate	Advanced Study		Full-Time Employment		Available		Other	
Materials Science and Engineering	7	6	86%	1	17%	5	83%	0	0%	0	0%
Mathematics*	10	8	80%	3	38%	4	50%	1	13%	0	0%
Mechanical Engineering*	54	45	83%	13	29%	29	64%	2	4%	1	2%
Music*	11	10	91%	5	50%	3	30%	0	0%	2	20%
Nursing	58	51	88%	2	4%	44	86%	5	10%	0	0%
Nutrition*	25	22	88%	14	64%	4	18%	0	0%	4	18%
Nutrition Biochemistry and Metabolism*	6	6	100%	4	67%	1	17%	0	0%	1	17%
Philosophy*	6	6	100%	2	33%	3	50%	0	0%	1	17%
Physics*	13	9	69%	6	67%	2	22%	1	11%	0	0%
Political Science*	22	17	77%	8	47%	8	47%	1	6%	0	0%
Polymer Science and Engineering*	7	7	100%	4	57%	3	43%	0	0%	0	0%
Psychology*	86	61	71%	25	41%	16	26%	8	13%	12	20%
Sociology*	23	17	74%	10	59%	5	29%	2	12%	0	0%
Spanish*	23	18	78%	10	56%	2	11%	1	6%	5	28%
Theater*	11	7	64%	2	29%	1	14%	1	14%	3	43%

### Salaries: All Undergraduates

Of the 252 graduates who provided salary information, 80% (n=201) graduated with one major, 20% (n=50) with two majors, and less than 1% (n=1) with three majors. The next table provides salaries by major. Students with more than one major are counted once for each of their earned majors for a total of 241 responses<sup>10</sup>. National salary averages were taken from the National Association of Colleges and Employers Fall 2012 Salary Survey (September).

<sup>10</sup> Majors that include at least one student with multiple majors are marked with an asterisk (\*). In order to maintain the anonymity of participants, majors with fewer than five responses are not included in the table. Majors with fewer than five responses include: Anthropology, Art History, Biochemistry, Classics, Cognitive Science, Communication Sciences, Engineering Physics, Environmental Geology, Environmental Studies, French, French and Francophone Studies, German, History, International Studies, Japanese, Music, Music Education, Nutrition, Nutrition Biochemistry and Metabolism, Philosophy, Physics, Political Science, Polymer Science and Engineering, Sociology, Spanish, Systems and Control Engineering, Systems Biology, Theater, Women's and Gender Studies.

**Table 8. Salaries by Major**

<b>Major</b>	<b>&lt;25K</b>	<b>\$25-29K</b>	<b>\$30-34K</b>	<b>\$35-39K</b>	<b>\$40-44K</b>	<b>\$45-49K</b>	<b>\$50-54K</b>	<b>\$55-59K</b>	<b>\$60-64K</b>	<b>\$65-69K</b>	<b>\$70-74K</b>	<b>≥ \$75K</b>
Accounting* (National average: \$50,400)	0	0	1	0	1	6	1	5	0	0	0	0
Aerospace Engineering*	0	0	0	1	2	0	0	2	4	1	0	0
Biology* (\$40,100)	3	0	1	0	3	0	0	0	2	0	0	0
Biomedical Engineering*	0	1	1	2	2	1	0	4	4	3	1	0
Chemical Engineering*	0	0	0	0	3	1	1	2	5	7	2	0
Chemistry* (\$44,500)	0	1	3	0	0	0	1	0	2	0	0	0
Civil Engineering* (\$57,500)	0	0	0	2	0	1	1	2	0	0	0	0
Computer Engineering*	0	0	0	0	0	1	0	0	5	0	0	0
Computer Science*	0	0	0	0	1	2	3	3	3	2	0	10
Economics* (\$58,200)	2	0	2	1	1	2	0	0	3	1	0	0
Electrical Engineering*	0	1	0	0	3	1	0	1	4	5	0	3
English* (\$38,900)	1	0	3	0	0	1	0	0	1	0	0	0
Management* (\$52,500)	1	0	0	3	0	6	6	1	0	0	1	0
Materials Science and Engineering (Not available)	0	0	0	0	0	0	0	0	3	2	0	0
Mechanical Engineering*	0	0	1	1	2	2	2	2	12	2	0	1
Nursing (\$51,100)	0	0	0	1	4	9	11	5	0	0	0	0
Psychology* (\$35,200)	5	1	1	1	0	0	1	0	2	0	0	0
<b>Total</b>	<b>12</b>	<b>4</b>	<b>13</b>	<b>12</b>	<b>22</b>	<b>33</b>	<b>27</b>	<b>27</b>	<b>50</b>	<b>23</b>	<b>4</b>	<b>14</b>
<b>Percentage</b>	<b>5%</b>	<b>2%</b>	<b>5%</b>	<b>5%</b>	<b>9%</b>	<b>14%</b>	<b>11%</b>	<b>11%</b>	<b>21%</b>	<b>10%</b>	<b>2%</b>	<b>6%</b>

## Employers by Major

The next table describes students' employers by major.<sup>11</sup>

**Table 9. Employers by Major**

Major	Employers (number of students)
Accounting*	Accenture Advance Cohen & Company (3) Deloitte Dwellworks Ernst & Young LLP Financial Accounting Foundation Howard Wershale Key Bank KPMG, LLP Plante & Moran, PLLC PNC Bank Pricewaterhouse Coopers LLP (3) Rosetta Marketing Slabaugh Accountancy Corporation The Timken Company
Aerospace Engineering*	ATK Avtron Aerospace Epic Systems General Electric - Aviation (4) Lincoln Electric NASA Glenn Research Center (3) PCC Airfoils Rockwell Automation U.S. Air Force
Anthropology*	BioEnterprise Centers for Disease Control and Prevention Cleveland Clinic Computer Task Group Epic Systems Wayfair
Biochemistry*	Case Department of Ophthalmology Dept of Genetics Case Western School of Medicine Epic Systems General Electric JumpStart Inc Teach for America The Medicines Company
Biology*	Ben Venue Laboratories Case Western Reserve University Cleveland Clinic ECG Project Emergency Medical Associates Emmi Solutions EPFL Brain Mind Institute Epic Systems (2) Japanese Exchange and Teaching Program Nordstrom's Ohio Department of Agriculture Phi Mu Fraternity Teach For America Up and Running Canine Rehabilitation

<sup>11</sup> Graduates' employers are listed once for each of their earned majors. In order to maintain anonymity of the participants, majors with fewer than five responses are not included in the table. Majors with fewer than five responses include: Art History, Classics, Communication Sciences, Engineering Physics, Environmental Geology, Environmental Studies, French, French and Francophone Studies, German, History, Japanese, Mathematics, Music, Music Education, Nutrition, Nutrition Biochemistry and Metabolism, Philosophy, Physics, Polymer Science and Engineering, Spanish, Statistics, Systems and Control Engineering, Systems Biology, Teacher Education, Theater, and Women's and Gender Studies.

Biomedical Engineering*	Accenture ActivAided orthotics Applied Medical Technology Athersys Battelle Memorial Institute Bendix Commercial Vehicle Systems CardioInsight Cleveland Clinic Epic Systems (2) General Electric - Transportation Invacare Kensey Nash Corporation	Key Bank LorkTech Lumitex, Inc MIM Software Inc. Ohio Health PCTEST Engineering Laboratory, Inc. Procter & Gamble Rockwell Automation Teach for America Tutorlemon org ZS Associates
Chemical Engineering*	Accenture Avery Dennison Babcock & Wilcox Booz and Company C&I Engineering De Nora Tech, Inc. Epic Systems (3) First Solar General Electric Lighting	General Cable Momentive Performance Materials PolymerPlus LLC PPG Precision Castparts Corporation Procter & Gamble (2) Swagelok (2) Trinity Consultants Yellowlite, Inc
Chemistry*	Accenture Aegis Sciences Corporation Alcoa Ben Venue Laboratories  Case Western Reserve University	Epic Systems Impax Laboratories Indicorps National Center for Space Exploration Research/Universities Space Research Association Teach for America
Civil Engineering*	City of Lancaster Engineering Department Count Engineering Office Keiwit Offshore Services Michael Baker	Solar Testing Laboratories, Inc. TranSystems Corporation Walsh Construction
Cognitive Science*	Bioenterprise Case Western Reserve University (2) Critical Care Transport Hide and Go Read Books	Lexicomp Microsoft Teach for America
Computer Engineering*	Cerner Epic Systems General Electric	Rockwell Automation (2) Tech King Operations
Computer Science*	Accenture Acumen Solutions Amazon Bloomberg LP Compunetix Inc Explorys Factivity, Inc. GE Lighting General Dynamics C4 Systems Lazorpoint, Inc.	Lexicomp, Inc (2) Microsoft Corporation (6) MRI Software National Security Agency Nvidia Overdrive PNC Bank Rosetta UrbanCode (2) Yelp Inc.

Economics*	Accenture American Greetings BPS&M, A Wells Fargo Company Catholic Charities Epic Systems (2) Farm Service Agency Indicorps	Key Bank Rosetta Rubenstein Associates Siffrin Inc. Teach for America (3) International Institute for Strategic Studies
Electrical Engineering*	Apple Apptio Incorporated Battelle Memorial Institute Codonics Dolence Electric Technical Consultants Inc. Electro-matic Products GE Lighting Kelvin Smith Library Knolls Atomic Power Lab	Mobile Defense Orbital Sciences Corporation Philips Healthcare Quality Electrodynamics Raytheon BBN Technologies Rockwell Automation The Kroger Co wddonline Western Reserve Controls
English*	Accenture BioEnterprise Case Western Reserve University	Teach for America (4) The Cleveland Foundation
International Studies*	Catholic Charities (2) Computer Task Group Indicorps	Teach for America The International Institute for Strategic Studies Wayfair
Management*	Alcoa American Enterprise Institute American Greetings Better Business Consultants, Inc Cleveland Clinic Daejoo Company Deloitte Consulting Fast Focus Careers Fidelity Investments Frito-Lay Improve Consulting	Kaufman Container Key Bank (3) MRI Software Nordson Corporation PNC Bank Rivet Software Rosetta (2) The Timken Company Thomson Reuters Victory Capital Management
Materials Science and Engineering	ATI Allegheny Ludlum De Nora Tech General Electric - Aviation	Lincoln Electric The Timken Company
Mechanical Engineering	Ariel Corporation ATK  Avtron Aerospace Ben Venue Laboratories Caterpillar Epic Systems (2) General Electric General Electric - Aviation (3) Lincoln Electric Company (2) Louis Perry & Associates	NASA Glenn Research Center (2) National Center for Space Exploration Research/Universities Space Research Association Nissan Motors Philips Healthcare Precision Castparts Corporation Progressive Insurance Rockwell Automation (4) Sunless Inc. Swagelok Technology Management

Nursing	<p>Brandon Regional Hospital  Carolinus Medical Center  Cleveland Clinic (11)  Cleveland Clinic Foundation</p> <p>Fairview Hospital  Grant Medical Center Ohiohealth  Lake Health (2)  Louis Stokes VA Medical Center  Metro Health Hospital</p> <p>Metro Health Medical Center (3)  Presbyterian Hospitals</p>	<p>Seattle Children's Hospital  Tripoint Medical Center  University Hospitals (7)  University Hospitals Geauga Medical Center  University Hospitals Rainbow Babies and  Children's Hospital (3)  University Hospitals Richmond Medical Center  University of Iowa Hospitals and Clinics  University of Pittsburgh Medical Center  University of Pittsburgh Medical Center Hamot  University of Pittsburgh Medical Center  Presbyterian</p>
Political Science*	<p>ComPsych  Enterprise Holdings  Kaye Scholer LLP</p>	<p>Rubenstein Associates  Teach For America (2)  The International Institute for Strategic Studies</p>
Psychology*	<p>Aflac  Case Western Reserve University  Children's National Medical Center  Chinese University  Epic Systems  Hide and Go Read Books</p>	<p>Parma City Schools  Phi Mu Fraternity  Siffrin Inc.  Teach for America (3)  Virginia Tech Carilion Research Institute  Wedding Snap</p>
Sociology*	<p>Americorps- Knoxville, TN  Catholic Charities of Maine  Centers for Disease Control and Prevention</p>	<p>Cleveland Clinic  Virginia Tech Carilion Research Institute</p>

## Graduate Schools by Major

The next table provides graduates' future graduate schools and areas of study by CWRU major.<sup>12</sup>

**Table 10. Graduate Schools by Major**

CWRU Major	Graduate/Professional School	Intended Area of Study
Accounting*	Case Western Reserve University	Accounting (8), Postbaccalaureate
	University of Akron	Accounting
Anthropology*	Case Western Reserve University	Medical Anthropology, Social Administration
	Florida International University	Public Health
	George Washington University	Medical Anthropology
	Harvard University	Medicine
	Southern Methodist University	Geology
	University of Toledo	Medicine
	Washington University in St. Louis	Medicine
Wright State University	Medicine	
Art History*	Case Western Reserve University	Art History (2), Museum Studies
	Columbia University	Art History and Archaeology
	Florida State University	Information Studies
	Ursuline College	Psychology
Biochemistry*	Albert Einstein College of Medicine	Medicine
	Case Western Reserve University	Applied Anatomy, Biochemistry, Medical Anthropology
	Duke University	Environmental Management, Medical Scientist Training Program
	Georgetown University	Physiology
	Lake Erie College of Osteopathic Medicine	Medicine
	Rutgers University	Molecular Biosciences
	Tufts University	Medicine and Management
	University of Arkansas	Medicine
	University of South Florida	Medicine
	Washington University in St. Louis	Medicine

<sup>12</sup> Each graduate/professional school is listed under each of the graduates' earned majors. In order to maintain anonymity of the participants, majors with fewer than five responses were not included in the table. Majors with less than five responses included: Astronomy, Civil Engineering, Communication Sciences, Computer Engineering, Dean's Approved Major, Engineering Physics, English, Environmental Studies, Evolutionary Biology, French, International Studies, Management, Materials Science and Engineering, Mathematics, Mathematics and Physics, Music, Music Education, Nursing, Nutrition Biochemistry and Metabolism, Philosophy, Polymer Science and Engineering, Pre-architecture, Religion, Statistics, Systems Biology, Teacher Education, and Women's and Gender Studies.

Biology*	Boston University	Dentistry
	Case Western Reserve University	Anesthesiology (2), Biology (3), Dentistry, Medical, Medical Physiology, Medicine (2)
	Harvard University	Virology
	Indiana University	Medicine
	Lake Erie College of Osteopathic Medicine	Medicine
	North Carolina State University	Genetics
	Ohio State University	Medicine, Veterinary Medicine
	University College Dublin	Veterinary Medicine
	University of Akron	Biology
	University of Arkansas	Pre-Medicine
	University of Colorado, Denver	Medicine
	University of Illinois-Chicago	Medicine
	University of Michigan	Biostatistics
	University of Pennsylvania	Dentistry
	University of Pittsburgh	Medicine (2)
	University of Toledo	Medicine
	University of Virginia	Biomedical Sciences
University of Wisconsin	Genetic Counseling	
Washington University in St. Louis	Microbiology, Plant Biology	
Wright State University	Medicine	
Biomedical Engineering*	Case Western Reserve University	Biomedical Engineering (2), Engineering and Management (4), Management, Medicine and Biomedical Engineering
	Drexel University	Bioengineering
	Duke University	Biomedical Engineering, Medicine
	Georgia Institute of Technology	Prosthetics and Orthotics
	Georgia Regents University	Medicine
	Rensselaer Polytechnic Institute	Biomedical Engineering
	Stanford University	Mechanical Engineering
	Temple University	Medicine
	University of California, Irvine	Medicine and Biomedical Engineering
	University of Cincinnati	Immunobiology, Medicine
	University of Kentucky	Biomedical Engineering
	University of Toledo	Medicine
	University of Utah	Bioengineering, Biomedical Engineering
Vanderbilt University	Biomedical Engineering	
Wright State University	Medicine	
Chemical Engineering*	Case Western Reserve University	Chemical Engineering, Engineering, Engineering and Management, Materials Science
	Dartmouth College	Engineering and Management
	Michigan State University	Chemical Engineering
	Northwestern University	Chemical Engineering
	Pennsylvania State University	Chemical Engineering
	Stanford University	Chemical Engineering
	University of California, Santa Barbara	Chemical Engineering
	University of Louisville	Chemical Engineering
University of Virginia	Medicine	

Chemistry*	Case Western Reserve University Cleveland State University DePaul University Harvard University Indiana University Kent State University University at Buffalo University of California, Berkeley University of Chicago University of Cincinnati University of Colorado, Boulder Washington University in St. Louis	Anesthesiology, Medical Anthropology, Medical Physiology, Medicine (3), Physiology Public Administration Chemistry Medicine Medicine Biochemistry, Biomedical Neurosciences Dental Medicine Computational Biology Chemistry Medicine Physical Chemistry Microbiology, Plant Biology
Cognitive Science*	Case Western Reserve University New York University Ohio State University Pennsylvania State University Roosevelt University Vanderbilt University	Cognitive Linguistics Psychology Medicine Communication Sciences and Disorders Clinical Psychology Early Childhood Special Education
Computer Science*	Case Western Reserve University Rice University University of California, Berkeley University of Maryland	Computer Science, Computing and Information Science, Engineering Computer Science Physics Computer Science
Economics*	Case Western Reserve University Columbia University George Washington University Harvard University Tufts University University of Arkansas Yale University	Engineering and Management Operations Research International Development Studies, Law Medicine Medicine, Management Medicine Law
Electrical Engineering*	Case Western Reserve University Johns Hopkins University University of Illinois at Urbana-Champaign University of Wisconsin, Madison	Electrical Engineering (2), Systems and Control Engineering Biomedical Engineering Antenna Design Electrical Engineering
History*	American University Case Western Reserve University Mercyhurst University University of Minnesota University of Victoria	Public History Law, Medicine Intelligence Architecture and Urban Design Law
Mechanical Engineering*	Case Western Reserve University Georgia Institute of Technology Ohio State University University of California, Berkeley University of North Dakota	Aerospace Engineering, Engineering and Management (3), Intellectual Property Law, Mechanical Engineering (4) Aerospace Systems Design Laboratory Nuclear Engineering Mechanical Engineering Space Studies

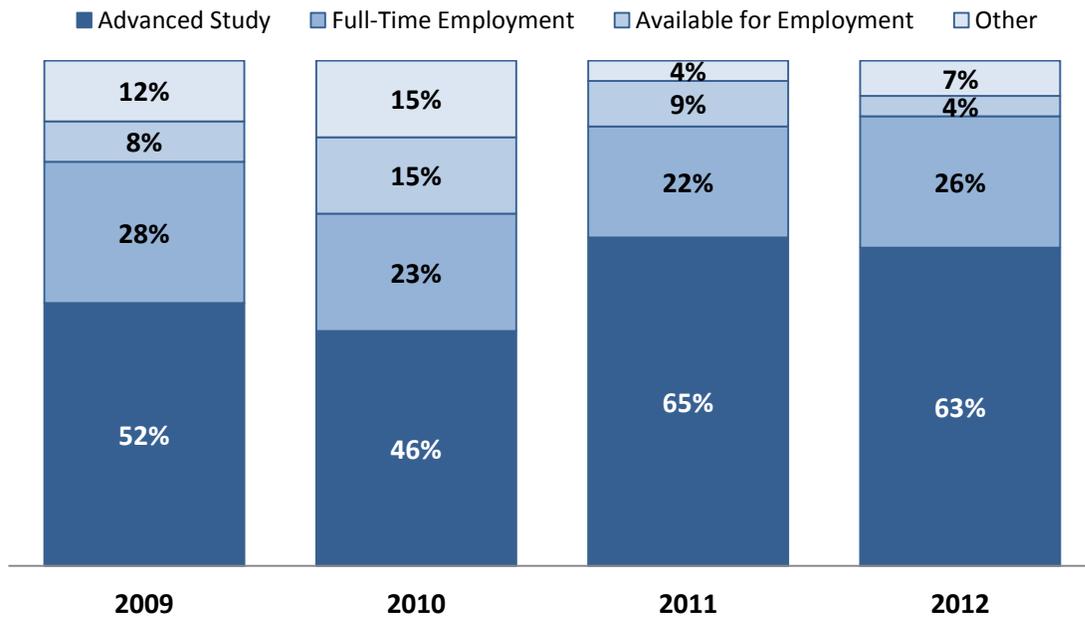
Nutrition*	Case Western Reserve University Cornell University Cuyahoga Community College/Cleveland State University Idaho State University, Boise Indiana University Kent State University  Louisiana Tech University Royal Melbourne Institute of Technology Salus University University of Illinois-Chicago	Nutrition (3) Dietetics Physician Assistant Program Dietetics Dietetics Higher Education Administration and College Student Personnel Nutrition and Dietetics Human Movement Science Optometry Nutrition and Kinesiology
Physics*	Massachusetts Institute of Technology University of California, Santa Barbara University of Chicago University of Maryland University of Massachusetts Washington University in St. Louis	Nuclear Science and Engineering Physics Chemistry Computer Science Medicine Biomedical Engineering
Political Science*	Case Western Reserve University Cleveland State University Mercyhurst University Ohio State University University of Baltimore Yale University	Law (2) International Studies Intelligence Law Law Law
Psychology*	Adler School of Professional Psychology Case Western Reserve University  Cleveland State University Drexel University Indiana University Kent State University Long Island University Meharry Medical College New York University Ohio State University Roosevelt University University of Akron University of Pennsylvania University of South Florida University of Texas at Dallas Wright State University	Clinical Psychology Law, Medical Sociology, Medicine, Social Work, Speech Language Pathology, Speech Therapy Family Law Medicine Medicine Biochemistry, Biomedical Neurosciences Clinical Psychology Dentistry Psychology Developmental Psychology Clinical Psychology Biology, Law and Politics Dentistry Medical Sciences Criminology Science
Sociology*	Case Western Reserve University Cleveland State University Emory University George Washington University Georgia State University University of Pittsburgh University of Texas at Dallas	Medical Sociology, Social Work Family Law Health Care Policy Medical Anthropology Law Medicine Criminology

Spanish*	Case Western Reserve University	Biology, Environmental Engineering, Law, Religious Studies
	Cleveland State University	Public Administration
	George Washington University	International Development Studies
	Lake Erie College of Osteopathic Medicine	Medicine

### International Graduate Analysis

Data was collected for 57% (n=27) of the 2012 graduates who were international students. All of the international students who took the survey provided information about their plans for the future.

#### 2012 International Students Post-Graduation Plans



**Table 11. International Students' Post-Graduation Plans**

Post-Graduation Plans	2009	2010	2011	2012	Trend
Advanced Study	52%	46%	65%	63%	—
Full-Time Employment	28%	23%	22%	26%	—
Available for Employment	8%	15%	9%	4%	—
Other	12%	15%	4%	7%	—
<b>n</b>	<b>25</b>	<b>13</b>	<b>23</b>	<b>27</b>	—

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Content: Kimberly Paik, Career Center

Statistical Analysis and Content: Amanda Thomas and Joshua Terchek, University Planning and Institutional Research

Contributors: Career Center Staff; Faculty and Staff in the College of Arts and Science, Case School of Engineering, FPB School of Nursing, and Weatherhead School of Management.

### Appendix A: First Destination Survey 2012

Name and Student ID (abc123)	Major(s)
Degree	Email Address
College	
<p><b>WHAT ARE YOUR PLANS FOR THE COMING YEAR?</b></p> <ul style="list-style-type: none"> <li>○ I HAVE ACCEPTED FULL-TIME EMPLOYMENT (proceed to Employment section – page 1).</li> <li>○ I WILL ENTER GRADUATE OR PROFESSIONAL STUDIES (proceed to Graduate / Professional Studies section page 3).</li> <li>○ I AM CONTINUING TO SEEK EMPLOYMENT (proceed to Seeking Employment section – page 3).</li> <li>○ I AM STARTING MY OWN BUSINESS / SELF-EMPLOYED OR WORKING FREELANCE (proceed to Starting Own Business section – page 3).</li> <li>○ I AM WORKING PART-TIME (proceed to Experiential Learning section – page 4).</li> <li>○ I AM SERVING IN THE MILITARY FULL-TIME (proceed to Experiential Learning section – page 4).</li> <li>○ I AM PERFORMING COMMUNITY SERVICE (proceed to Experiential Learning section – page 4).</li> <li>○ I AM VOLUNTARILY UNEMPLOYED AND NOT SEEKING EMPLOYMENT (proceed to Experiential Learning section – page 4).</li> <li>○ I AM TENDING TO FAMILY COMMITMENTS SUCH AS TAKING CARE OF CHILDREN AND/OR DEPENDENTS (proceed to Experiential Learning section – page 4).</li> </ul>	
<b>EMPLOYMENT</b>	
Employer	
Position	Location (City, State)
<p>Please select the industry that most closely matches your field.</p> <p>___ Accounting</p> <p>___ Art/Design/Performance</p> <p>___ Business/Administration</p> <p>___ Communication</p> <p>___ Community Development</p> <p>___ Construction</p> <p>___ Consulting</p> <p>___ Education/Teaching</p> <p>___ Engineering</p> <p>___ Entertainment</p> <p>___ Financial Services</p> <p>___ Government</p> <p>___ Healthcare/Public Health</p> <p>___ Information Technology</p>	

- Manufacturing
- Marketing/Sales
- Medical Device
- Non-profit
- Nursing
- Politics/Law
- Research
- Science
- Social Services
- Sustainability/Green/Environment

In which region of the United States is the position located?

- Northeast
- Southeast
- Midwest
- Southwest
- West
- Outside the United States

When did you first receive your employment offer?

- By graduation
- Within 3 months of graduation
- More than 3 months after graduation

When did you first accept your employment offer?

- By graduation
- Within 3 months of graduation
- More than 3 months after graduation

What is your salary?

- Less than \$25,000
- \$25,000-\$29,999
- \$30,000-\$34,999
- \$35,000-\$39,999
- \$40,000-\$44,999
- \$45,000-\$49,999
- \$50,000-\$54,999
- \$55,000-\$59,999
- \$60,000-\$64,999
- \$65,000-\$69,999
- \$70,000-\$74,999
- \$75,000-\$79,999
- \$80,000-\$84,999
- \$85,000-\$89,999
- \$90,000-\$94,999
- \$95,000-\$99,999
- Greater than \$100,000

*Note: Any information concerning salary will be held in strict confidence.*

Did you receive a signing bonus?

Yes

No

If yes, what was the amount of the signing bonus?

Will you receive any other form of guaranteed compensation?

Yes

No

If yes, how much will you receive?

Which of the following best describes the position you have accepted?

A college degree is required and the position is related to my field of study.

A college degree is required but the position is not related to my field of study.

A college degree is not required for this job, but the degree helped me to get it.

Having a college degree made no difference in getting this job.

Did you participate in any of the following activities? If yes, please indicate what company/organization:

Internship: \_\_\_\_\_

Practicum: \_\_\_\_\_

Co-op: \_\_\_\_\_

Did you obtain full-time employment at the host company because you participated in this experiential learning?

Yes

No

N/A

When did you begin your job search (please check one):

Within the last 6 months

Six months before graduation

Nine months before graduation

One year before graduation

More than one year before graduation

*Please proceed to experiential learning section*

**GRADUATE / PROFESSIONAL STUDIES**

Institution	Area of Study	Degree

Please list any scholarships or fellowships (e.g., Fulbright, Truman, etc.) you have received for graduate /

professional studies.

Please list below the other institutions to which you were accepted.

1.	2.
3.	4.

*Please proceed to experiential learning section*

**SEEKING EMPLOYMENT**

How confident are you in securing employment (please check one):

81-100%     61-80%     41-60%     21-40%     0-20%

*Please proceed to experiential learning section*

**STARTING OWN BUSINESS**

Please describe the business you are starting:

In what type of business/industry/area will you be starting your own business?

*Please proceed to experiential learning section*

**EXPERIENTIAL LEARNING**

How would you rate these experiential learning activities in regards to your education here at CWRU? If you have not participated in the following activities, please indicate NA.

5=extremely valuable, 4=valuable, 3=somewhat valuable, 2=slightly valuable, 1=not at all valuable, N/A=did not participate

<input type="checkbox"/> Internship	<input type="checkbox"/> Practicum	<input type="checkbox"/> Co-op
<input type="checkbox"/> Research outside of Case	<input type="checkbox"/> Research with Case Faculty	<input type="checkbox"/> Independent
<input type="checkbox"/> Study Abroad	<input type="checkbox"/> Community Service	Research/Creative
<input type="checkbox"/> Summer Job (related to studies)		Endeavor with Case Faculty

Did you use your internship/co-op/practicum experience for your senior capstone?

Yes  
 No  
 Not applicable

Choose the top three skills developed from participating in the experiential learning activities and rank them accordingly (1 = the top skill).

<input type="checkbox"/> Communication Skills	<input type="checkbox"/> Computer Skills
<input type="checkbox"/> Interpersonal Skills (relates well to others)	<input type="checkbox"/> Detail Oriented

- Strong Work Ethic
- Team Work Skills (works well with others)
- Analytical Skills
- Motivation / Initiative
- Flexibility / Adaptability

- Leadership Skills
- Organizational Skills
- Self-confidence
- Technical or Job Content Skills

**CAREER CENTER**

How often have you utilized the Career Center?

- Regularly
- Occasionally
- Sometimes
- Never

Which services did you use?

- On-campus interviewing
- Career Counseling/MBTI/Strong Interest Inventory
- Drop-In/Consulting Hours
- Resume/Cover Letter/CV Review
- Job Search
- Internship/Practicum
- Graduate School Planning
- Alumni Career network/Shadowing

How helpful was the Career Center?

- Very helpful
- Helpful
- Somewhat helpful
- Not very helpful
- Not at all helpful

**OTHER**

Do you want to be on the Case Alumni Career Network (made up of Case alumni who can provide career information and related assistance to current students)?

- Yes
- No

Please provide the following information: (This information is voluntary and not required. If you choose to provide your current email address and home address, please be aware we will share this with Alumni Relations):

Current e-mail address:

Home address:

**Thank you very much for completing the First Destination Survey!**