



## College of Natural Science

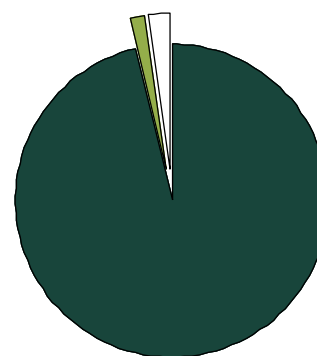
### Knowledge Rate: 76%

As of February 2017, data from 539 of 708 graduating students receiving a bachelor's degree had been collected, via the survey or other means, resulting in a knowledge rate of 76%. The majority of graduates reported that they were headed into the workforce or continuing their education.

Natural Science - Table 1		
Report Outcomes of 2016 Graduates		
Outcome	#	%
Employed - Full-time	226	42%
Employed - Part-time	27	5%
Continuing Education	257	48%
Starting a Business	1	0%
Pursuing Other Commitments	8	1%
Unplaced	12	2%
Unresolved	8	1%
<b>Total</b>	<b>539</b>	<b>100%</b>

See the Destination Survey introduction for additional information on each outcome category.

**Figure 1**  
Unresolved 1%      Unplaced 2%



**Career Outcomes Rate - 96%**

Of the 93 students who identified the type of employment chosen, 86 (92%) indicated their position was either a) career-related (49 = 53%), b) a stepping stone toward their ultimate career goal (28 = 30%), or c) work that allows them to explore career options (9 = 10%). A list of organizations that hired graduates in 2016 can be found in the appendix.

### Salary Information

Sixty-eight (68) of the graduates that indicated full-time employment also reported salary information. Of these, eight (8) graduates reported receiving a signing bonus.

Natural Science - Table 2						
Report Salary Data for 2016 Graduates						
Reported Salaries	Average	Low	25th Percentile	50th Percentile	75th Percentile	High
68	\$37,337	\$18,000	\$28,250	\$34,600	\$43,850	\$90,100

#### Top Industries

- Science and Health R&D
- Applied Health Care
- Environment/Conservation
- Fish and Wildlife
- Applied Science and Math

## Employment Search Resources

Natural Science - Table 3		
Resources Used to Find Employment		
Resource	#	%
Previous Internship/Co-op/Work	15	18%
MSU Career Management System*	8	10%
Other Job Posting Source	28	33%
On-Campus Interview	6	7%
Career Fair	9	11%
MSU Academic Program	1	1%
MSU Faculty or Staff	19	23%
Personal Network/Family Friend	26	31%
Social Networking	2	2%
Another Resource	4	5%

Table 3 - Highlights the method that graduates identified as the way they found current job. Graduates could select more than one option and not all graduates responded. 84 responded to this question. \*MSU software environment used by students to connect with employers.

## Geographic Distribution

A total of 211 graduates reported their employment location. Of those, 71% (150) were employed in Michigan and 80% (169) reported employment in the Midwest. In addition, of the one hundred eighty-nine (189) students originally from Michigan that reported their employment location, 76% (144) were employed in Michigan and 84% (158) reported employment in the Midwest.

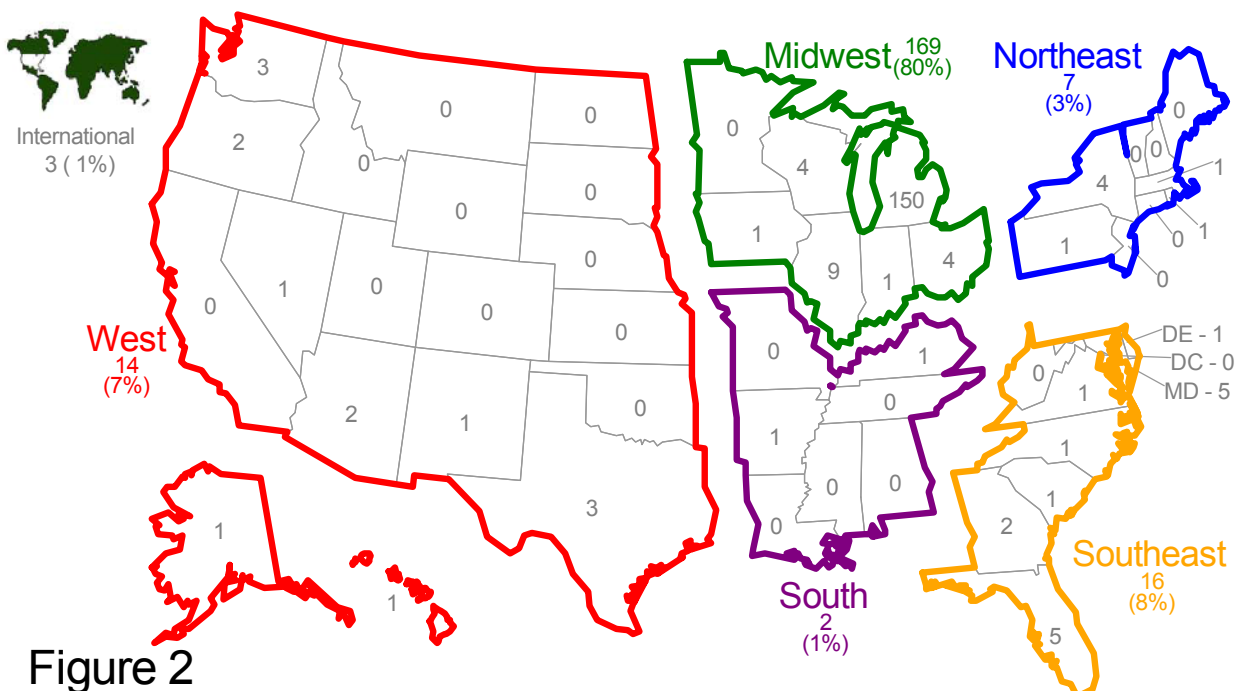


Figure 2



## Continuing Education

Of the two hundred fifty-seven (257) students that reported continuing their education as their main pursuit immediately after graduation, two hundred thirty-eight (238) reported the specific degree pursued. Graduates who indicated employment as well as continuing education were excluded from this table. This information is self-reported and may lead to slight inaccuracies when it comes to certification. *See appendix for a listing of universities attended for continuing education.*

Natural Science - Table 4		
Continuing Education Degrees Pursued by 2016 Graduates		
Degree Pursued	#	%
Second Bachelor's	18	8%
Health Professional (MD, DVM, PA, etc.)	72	30%
Law (JD)	1	0%
Master's	56	24%
MBA	2	1%
PhD	12	5%
Teacher Certification	32	13%
Certification Program: Other	3	1%
Other	42	18%
Total	238	100%

For simplicity, percentages have been rounded to the nearest point. Cumulative percentage totals were calculated with floating point decimal places in the addends.



## Co-Curricular Activities

The survey also includes questions about co-curricular activities in which students may have participated during their college career. All students were asked to indicate their involvement in a list of career related activities while at MSU (or a previous institution in the case of transfer students) regardless of their destination outcome.

One hundred eighty-five (185) students responded to this section. Table 5 shows the percentage of students that indicated each activity.

Table 6 aggregates the types of experiences from Table 5 into five categories of activities. Superscript letters indicate the activities in Table 5 that are incorporated into each category. Students are only counted once for each category even if they participated in more than one indicated activity.

Natural Science - Table 5		
Co-Curricular Activity Participation by 2016 Graduates		
Activity	#	%
Co-op/Intern – for credit <sup>a,b</sup>	43	23%
Co-op/intern – non-credit <sup>a,b</sup>	68	37%
Off-Campus Work – career related <sup>a,b</sup>	51	28%
Off-Campus Work – non-career related <sup>a,c</sup>	66	36%
On-Campus Work – career related <sup>a,b</sup>	74	40%
On-Campus Work – non-career related <sup>a,c</sup>	75	41%
Research – PA/Project/Summer – MSU <sup>a,e</sup>	98	53%
Research – PA/Project/Summer – non-MSU <sup>a,e</sup>	18	10%
Service Learning/Volunteer Project – MSU <sup>a,f</sup>	84	45%
Service Learning/Volunteer Project – non-MSU <sup>a,f</sup>	53	29%
Study Abroad – MSU program <sup>a,d</sup>	19	10%
Study Abroad – non-MSU program <sup>a,d</sup>	5	3%
Work Abroad – career related <sup>a,b</sup>	3	2%
Work Abroad – non-career related <sup>a,c</sup>	3	2%

Natural Science - Table 6		
Supplemental Experiences		
Experience	#	%
Out of Classroom Experience <sup>a</sup>	185	100%
Career Based <sup>b</sup>	140	76%
Skill Based <sup>c</sup>	111	60%
Study Abroad <sup>d</sup>	24	13%
Research <sup>e</sup>	104	56%
Volunteer <sup>f</sup>	106	57%

Table 6 - Superscript letters link supplemental experience programs to co-curricular activities in Table 5 and graduates can select more than one type of experience. For instance, a student that did both an MSU and a non-MSU study abroad program (indicated with<sup>d</sup>) in Table 5 would only be counted once towards study abroad in Table 6.

Superscript letters link co-curricular activities to supplemental experience programs in Table 6. Graduates could select more than one option.