

EDUCATING INDIANA'S WORK FORCE

THE 2011 IUPUI
UNDERGRADUATE ALUMNI SURVEY
CAMPUS SUMMARY REPORT

Steven Graunke

Ross Corlies

Kim Gorski

Office of Information Management and Institutional Research

January 2012

EXECUTIVE SUMMARY

- The IUPUI Alumni Survey began in 1992, with a new revised version first administered in 2011. The Alumni Survey has 4 sections focusing on graduates' satisfaction with their overall IUPUI experience, the impact of IUPUI on their learning, further education, and current employment. 4,867 alumni who received an Associates or Bachelor's degree from any Indiana University or Purdue University school located on the IUPUI or IUPUC campus received an e-mail invitation to participate in the survey. 511 responded for a response rate of 10.5%.

Current Employment

- Eighty-five percent of Bachelor's respondents indicated they are working for pay full- or part-time (Figure 1).
- Approximately 86% of working Bachelor's respondents reported that they are working in Indiana (Figure 2).
- Fifty-one percent of working Bachelor's respondents indicated their job is directly related to their IUPUI major area of study (Figure 3).
- Approximately 87% of working Bachelor's respondents reported that their IUPUI education prepared them very well or somewhat well for their job. (Table 3).
- Ninety-four percent of working Bachelor's respondents reported that their IUPUI education enhanced their prospects for future advancement very well or somewhat well. (Table 3).

Further Education

- Approximately 33% of Bachelor's respondents reported that they are enrolled full- or part-time in a program leading to another degree (Figure 8).
- Of Bachelor's respondents pursuing a degree, 95% indicated their IUPUI education prepared them very well or somewhat well to pursue this degree (Figure 9).

Impact on Student Learning

- Ninety-seven percent of Bachelor's respondents reported that they could very effectively or effectively think critically and analytically (Table 4).
- About 88% of Bachelor's respondents indicated that they very effectively or effectively apply what they learned in college to issues and problems they face every day (Table 4).

Satisfaction with IUPUI

- Approximately 95% of Bachelor's respondents reported they were very satisfied or satisfied with the overall quality of the education they received at IUPUI (Table 5).

Experience at IUPUI

- Fifty-six percent of Bachelor's respondents indicated they had done a practicum, internship, field experience, co-op experience, or clinical assignment before they graduated from IUPUI. (Table 6)
- About 36% of bachelor's respondents reported that they were employed on campus before they graduated from IUPUI (Table 6).

Bachelor's Degree Respondents' Satisfaction with IUPUI Experience by Academic Year of Graduation ^a

	2007-2008		2008-2009		2009-2010	
	N	Mean	N	Mean	N	Mean
Overall quality of the education you received at IUPUI	92	3.34	172	3.26	215	3.21
Quality of teaching by faculty in your major area	92	3.45	172	3.26	215	3.19
Quality of courses in your major area	92	3.28	172	3.09	215	3.07
Academic advising in your major department	92	3.03	172	2.85	215	2.75

^a 4-point scale in which "Very Satisfied" = 4, "Satisfied" = 3, "Dissatisfied" = 2, and "Very dissatisfied" = 1.

Educational and Employment Pursuits of Bachelor's Degree Respondents by Academic Year of Graduation

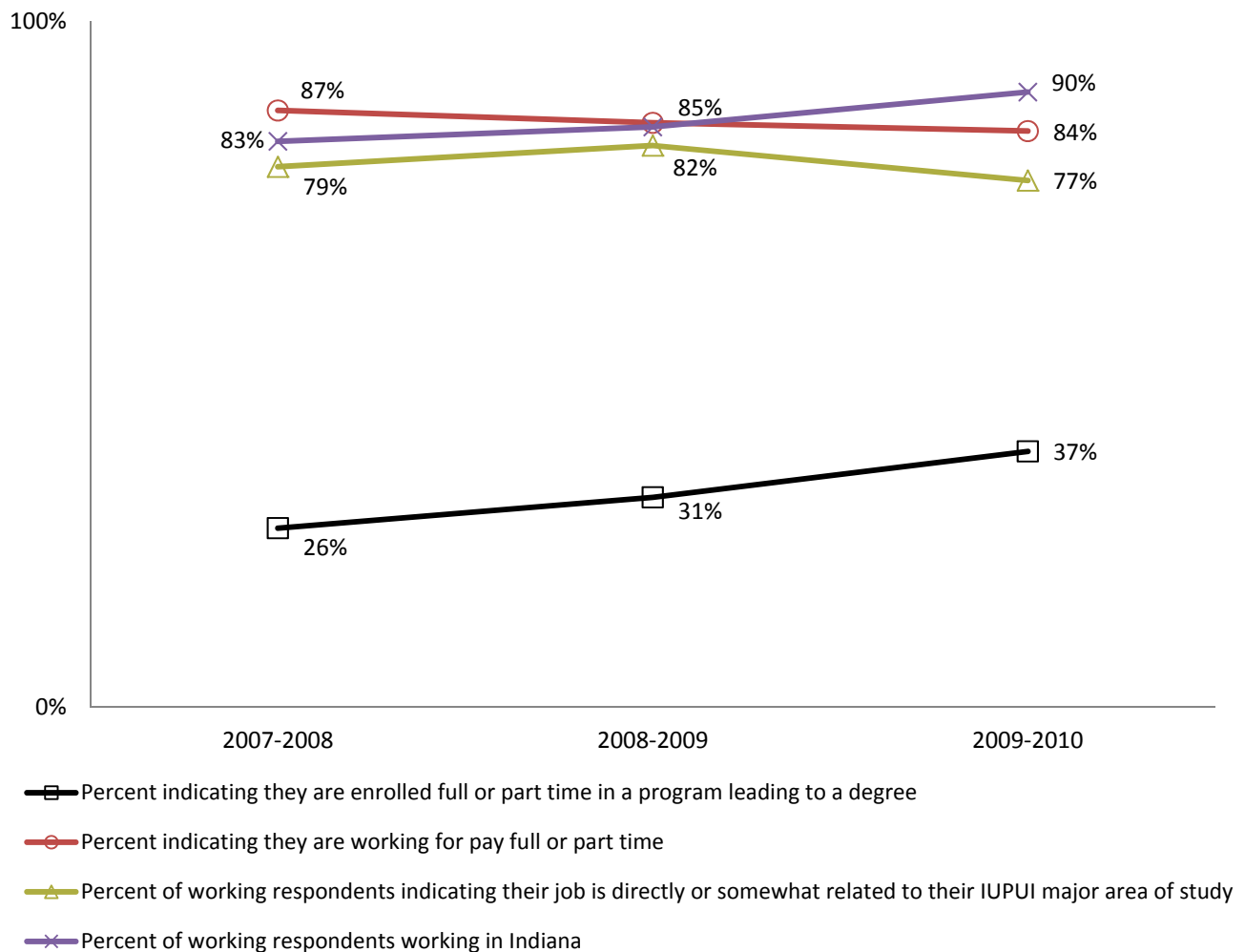


TABLE OF CONTENTS

	<u>Page</u>
Introduction	1
Section 1: Current Employment.....	4
Section 2: Further Education	9
Section 3: IUPUI’s Impact on Learning and Satisfaction with IUPUI	11
<i>Impact of IUPUI on Student Learning.....</i>	<i>11</i>
<i>Satisfaction with IUPUI.....</i>	<i>14</i>
Section 4: Experience at IUPUI	16
Appendix A: Comparisons by Academic Year of Graduation	18
Appendix B: IUPUI Undergraduate Alumni Survey	28

LIST OF TABLES

	<u>Page</u>
TABLE 1 — Demographic Characteristics of Respondents	2
TABLE 2 — Academic Characteristics of Respondents	3
TABLE 3 — IUPUI Education and Work.....	6
TABLE 4 — Impact of IUPUI on Student Learning.....	11
TABLE 5 — General Satisfaction	14
TABLE 6 — Participation in Experiences at IUPUI	16
TABLE 7 — Career Explorations Opportunities	17
TABLE 8 — Current Employment Status by Academic Year of Graduation	18
TABLE 9 — How Closely Does Your Job Relate to Your IUPUI Major Area of Study (By Academic Year of Graduation)	18
TABLE 10 — IUPUI Education and Work by Academic Year of Graduation	19
TABLE 11 — Current Employer by Academic Year of Graduation	19
TABLE 12 — Personal Annual Gross Salary by Academic Year of Graduation.....	20
TABLE 13 — Current Educational Status by Academic Year of Graduation	21
TABLE 14 — Impact of IUPUI on Respondents' Learning by Academic Year of Graduation.....	21
TABLE 15 — If You Could Start Over Again, Would You Go to IUPUI (By Academic Year of Graduation)?	24
TABLE 16 — Respondents' Satisfaction with IUPUI Experience by Academic Year of Graduation	24
TABLE 17 — Participation in Experiences at IUPUI by Academic Year of Graduation	25
TABLE 18 — Satisfaction with Career Explorations Opportunities by Academic Year of Graduation	27

LIST OF FIGURES

	<u>Page</u>
FIGURE 1 – Which best describes your current employment status	4
FIGURE 2 – Are you working in Indiana	5
FIGURE 3 – How closely does your job relate to your IUPUI major area of study	5
FIGURE 4 – Associate’s Degree Respondents: Which category best describes your employer	7
FIGURE 5 – Bachelor’s Degree Respondents: Which category best describes your employer	7
FIGURE 6 – Associate’s Degree Respondents: Within which category does your personal annual gross salary fall	8
FIGURE 7 – Bachelor’s Degree Respondents: Within which category does your personal annual gross salary fall	8
FIGURE 8 – Which of the following best describes your current educational status	9
FIGURE 9 – How well did your IUPUI education prepare you to pursue this degree	10
FIGURE 10 – If you could start over again, would you go to IUPUI	14

INTRODUCTION

The IUPUI Undergraduate Alumni Survey began in 1992 with funding IUPUI received as part of the 1990 Perkins Vocational and Applied Technology Act. In 2011, the survey was revised to incorporate items on community service and social responsibility and focus on outcomes most pertinent for assessment purposes. The current iteration of the IUPUI Undergraduate Alumni Survey was created by staff in Information Management and Institutional Research (IMIR) with feedback from Deans, Associate Deans, and the Center for Service and Learning, and Career Services. Currently, the Undergraduate Alumni Survey has 4 sections focusing on graduates' satisfaction with their overall IUPUI experience, the impact of IUPUI on their learning, further education, and current employment.

A sample of 5,674 undergraduate students who graduated with an Associate's or Bachelor's degree from any Indiana University or Purdue University school located on the IUPUI or IUPUC campus between Spring 2008 and Summer 2010 was provided to Information Management and Institutional Research (IMIR) by the Indiana University Alumni Association. Every alumnus in this sample was sent an e-mail inviting them to participate in the survey. Of the 5,674 students contacted, 804 had invalid e-mails and three declined leading to an adjusted sample size of 4,867. A follow-up e-mail was sent to non-respondents two, four, and six weeks following the initial e-mail. A total of 511 alumni responded to the survey for a response rate of 10.5%.

The following is a report of the responses from participating alumni to the 2011 IUPUI Undergraduate Alumni Survey. Demographic and academic characteristics of respondents and the entire sample are listed in Tables 1 and 2 below. Significant differences by year of graduation are noted in Appendix A. For further information, including other reports derived from the 2011 IUPUI Graduate and Undergraduate Alumni Survey, please consult the Alumni Surveys section of the IMIR website, located at imir.iupui.edu/surveys/alumni.

Table 1
Demographic Characteristics of Respondents

	Associates Degree Recipients		Bachelor's Degree Recipients	
	Respondents	Entire Sample	Respondents	Entire Sample
<i>Percentages</i>				
Gender				
Female	61.1	70.8	58.2	61.0
Male	38.9	29.2	41.8	39.0
Ethnicity ^a				
African-American	2.8	8.1	10.4	9.6
Asian-American/Pacific Islander	5.6	2.4	3.8	2.9
Caucasian	77.8	82.9	80.6	80.8
Hispanic	0.0	0.5	1.5	2.3
Native American/Alaska Native	0.0	0.0	0.4	0.2
International Student	2.8	2.1	1.7	2.3
Unknown	11.1	4.0	1.7	1.9
Age at graduation ^b				
Less than 25 years of age	22.2	36.1	47.0	49.5
25 – 29	16.7	21.4	19.0	25.9
30 – 39	22.2	22.1	19.4	15.5
40 years of age or older	38.9	20.4	14.6	9.1

^a Since most participants graduated before the most recent ethnic codes were implemented, pre-2010 ethnic codes were used in this analysis.

^b For spring semester graduates, age is calculated as of the day of commencement. For fall and summer graduates, age is calculated as of the degree date provided by their school. For most schools, the date is December 31 for fall graduates, June 30 for summer I graduates, and August 31 for summer II graduates (though there is variation between schools).

Table 2
Academic Characteristics of Respondents

	Associates Degree Recipients		Bachelor's Degree Recipients	
	Respondents	Entire Sample	Respondents	Entire Sample
	<i>Percentages</i>			
Academic year of graduation				
2007-2008	16.7	14.3	19.2	14.1
2008-2009	41.7	44.2	35.9	40.8
2009-2010	41.7	41.6	44.9	45.1
Transfer status				
No hours transferred	55.6	43.0	43.6	41.0
Transferred less than 15 credit hours	8.3	11.6	11.3	11.1
Transferred 15 credit hours or more	36.1	45.4	45.1	47.9
Cumulative GPA at IU ^a				
3.50-4.00	41.7	38.1	33.8	27.8
3.00-3.49	25.0	29.0	36.4	37.5
2.50-2.99	19.4	19.2	23.2	25.3
2.49 or lower	13.9	13.6	6.6	9.4
Attended IUPUC ^b	8.3	17.6	6.3	6.9

^a GPA earned for classes completed at an Indiana University campus during the students' undergraduate career. Does not include grades earned in classes transferred from outside of Indiana University.

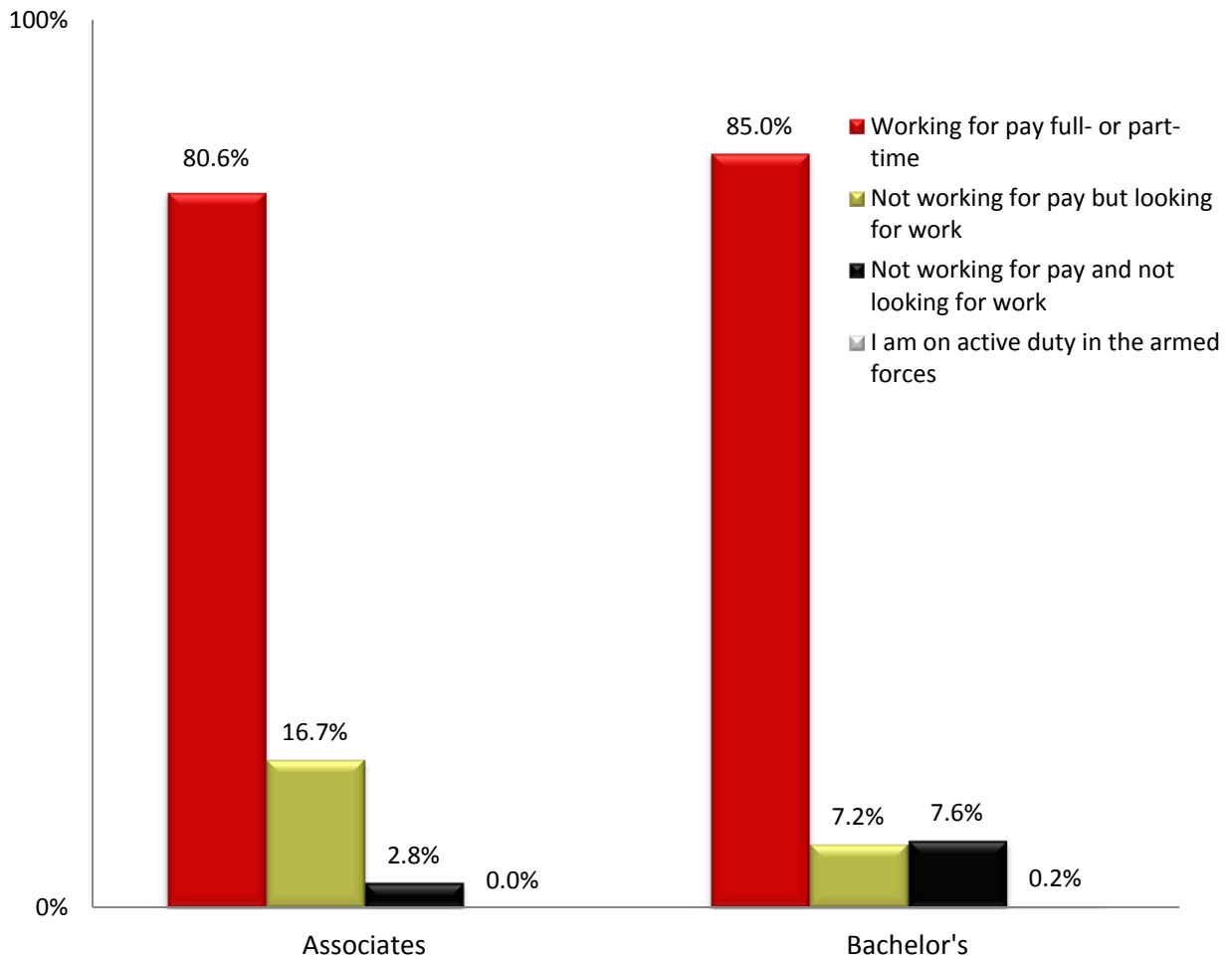
^b Percentage who attended Indiana University Purdue University Columbus for at least one semester during their undergraduate academic career.

SECTION 1: CURRENT EMPLOYMENT

Respondents were asked to indicate their current employment status and provide information about their current job. More than eight out of ten of both Bachelor's and Associate's respondents indicated they were working for pay full- or part-time. Of those, 86% of Bachelor's' and 90% of Associate's respondents indicated they were working in Indiana. Seventy-nine

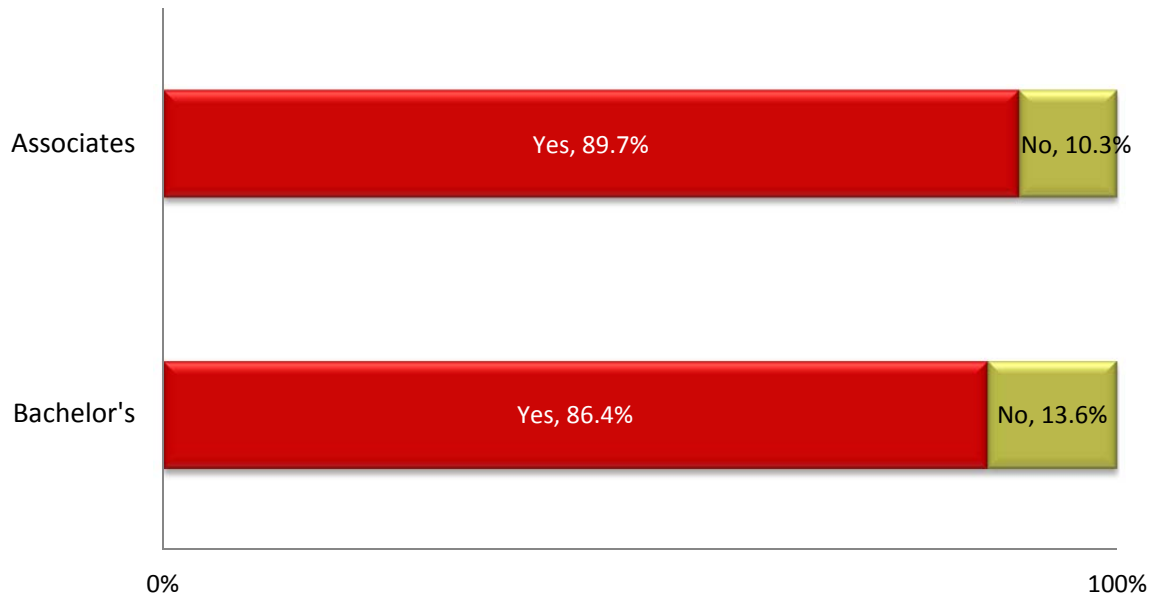
percent of Bachelor's and 76% of Doctorate respondents reported that their job is directly related or somewhat related to their IUPUI graduate program. Approximately 87% of employed Bachelor's respondents and 86% of employed Associate's respondents reported that their IUPUI education prepared them very well or somewhat well for their current job.

Figure 1
Which best describes your current employment status?



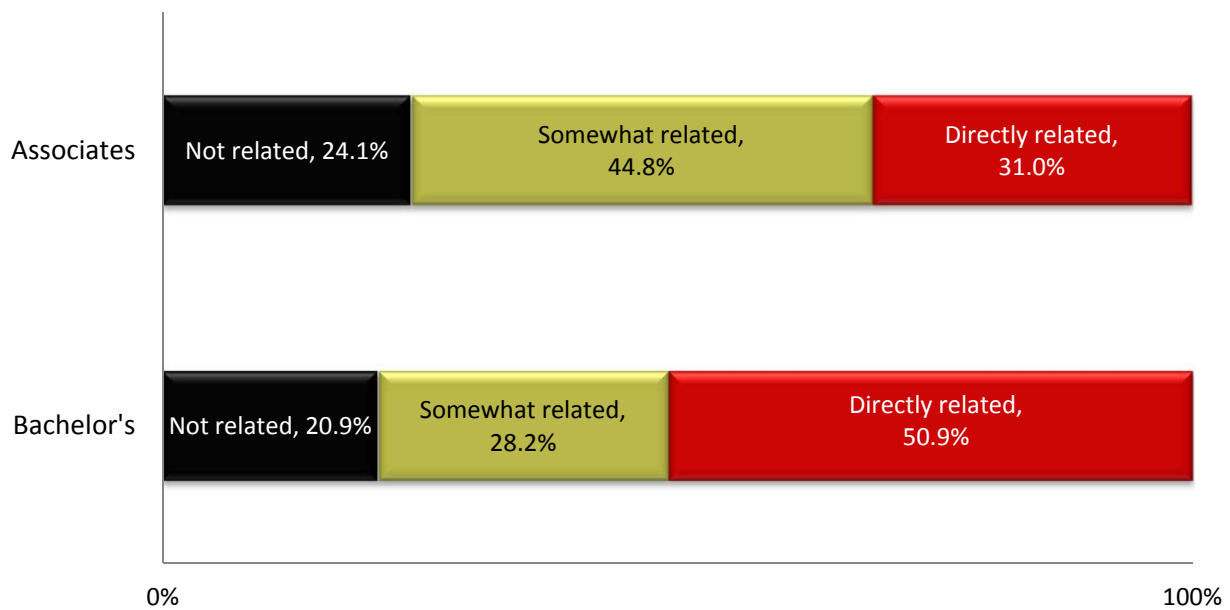
Associates N = 36 Bachelor's N = 474

Figure 2
Are you working in Indiana? ^a



^a Of respondents indicating they are working full- or part-time.
 Associates N = 29 Bachelor's N = 398

Figure 3
How closely does your job relate to your IUPUI major area of study? ^a



^a Of respondents indicating they are working full- or part-time.
 Associates N = 29 Bachelor's N = 401

Table 3
IUPUI Education and Work ^a

<i>Please indicate how satisfied you are with each of the following aspects of your IUPUI experience</i>							
	N	Not at all	Somewhat	Very well	Mean	STD	
		<i>Percentages</i>					
How well did your IUPUI education prepare you for this job?	429	13.3	45.0	41.7	2.28	0.69	
Associates	29	13.8	55.2	31.0	2.17	0.66	
Bachelor's	400	13.3	44.3	42.5	2.29	0.69	
How well do you think your IUPUI education enhanced your prospects for future advancement?	432	6.7	45.8	47.5	2.41	0.61	
Associates	29	17.2	34.5	48.3	2.31	0.76	
Bachelor's	403	6.0	46.7	47.4	2.41	0.60	

^a 3-point scale in which "Very Well" = 3, "Somewhat" = 2, and "Not at all" = 1.

Figure 4
Associate's Degree Respondents
Which category best describes your employer? ^a

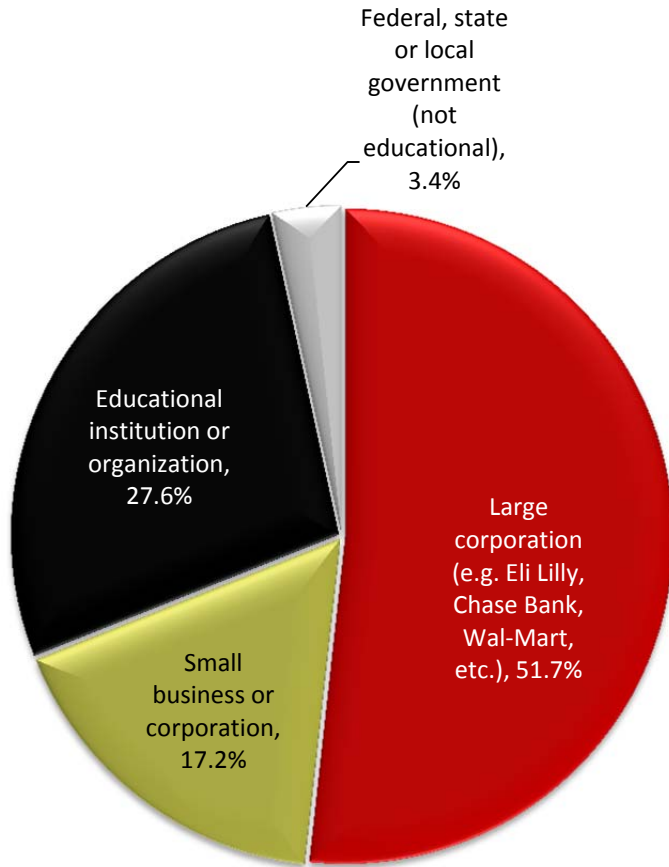
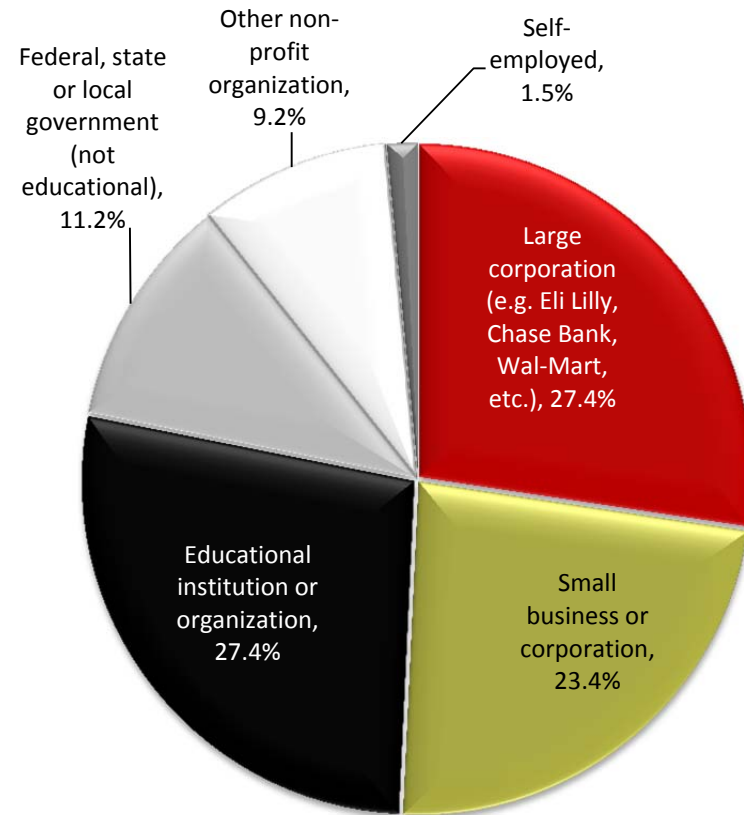


Figure 5
Bachelor's Degree Respondents
Which category best describes your employer? ^a



^a Associates N = 29 Bachelor's N = 402

Figure 6
Associate's Degree Respondents
Within which category does your personal annual gross salary fall? ^a

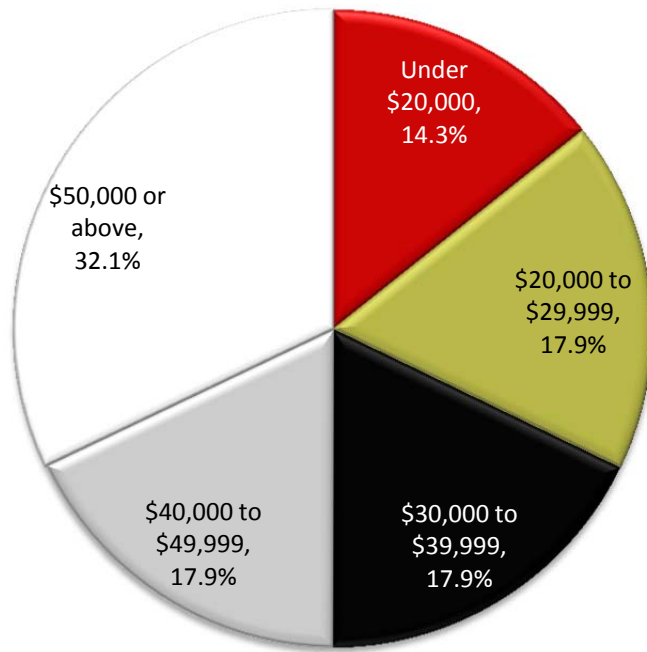
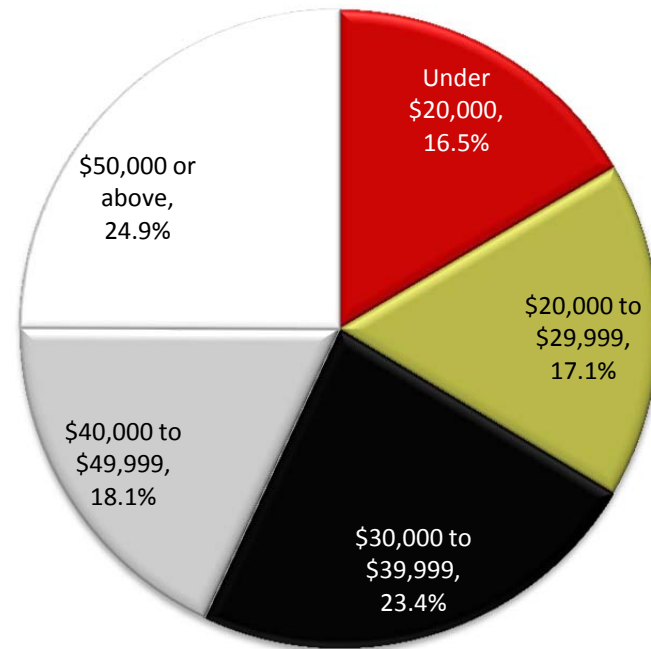


Figure 7
Bachelor's Degree Respondents
Within which category does your personal annual gross salary fall? ^a



^a Associates N = 28 Bachelor's N = 381

SECTION 2: FURTHER EDUCATION

Respondents were asked if they were currently pursuing further education and how well their IUPUI education prepared them for their degree. About 33% of Bachelor's respondents and 43% of Associate's respondents reported that they are enrolled full- or part-time in a program leading to another degree.

Of those, approximately 95% of Bachelor's' respondents and 93% of Associate's respondents reported that their IUPUI education prepared them very well or somewhat well to pursue this degree.

Figure 8
Which of the following best describes your current educational status?

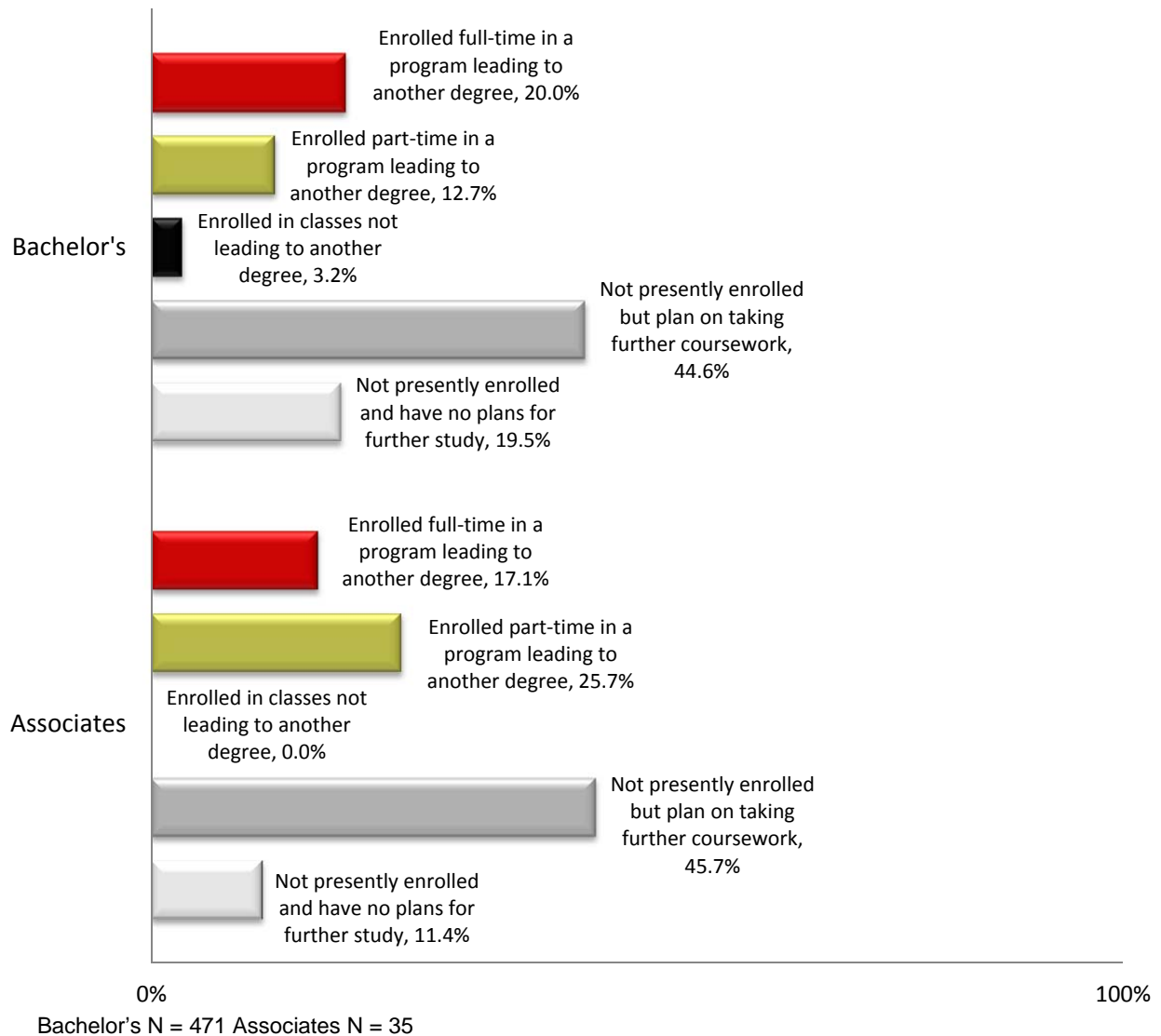
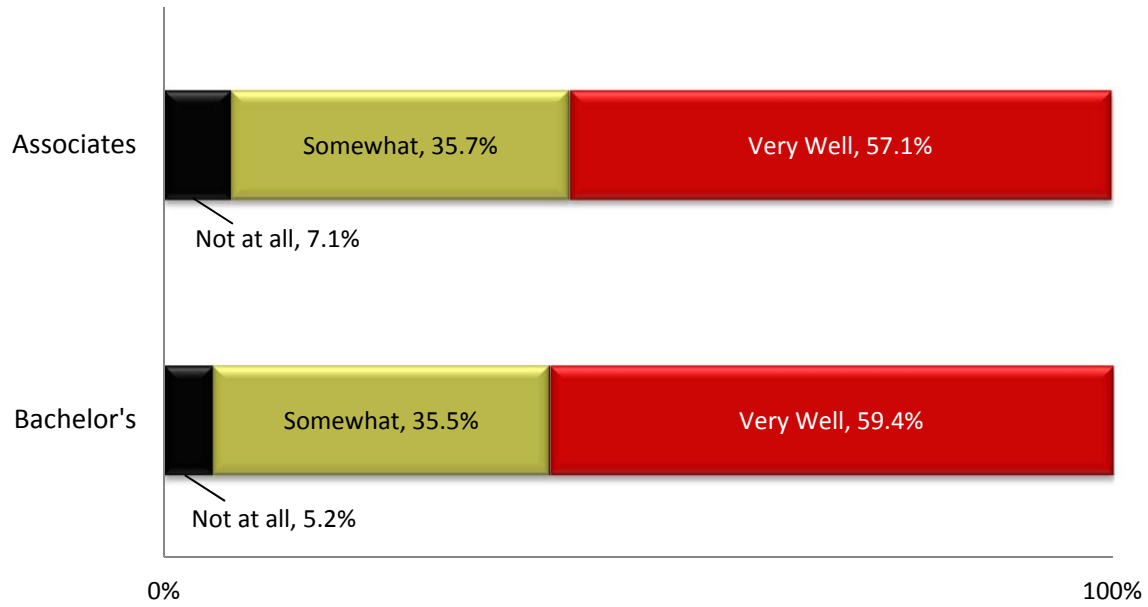


Figure 9
How well did your IUPUI education prepare you to pursue this degree?



Alumni N = 169, Mean = 2.54, Std. Dev. = 0.60
Bachelor's N = 155
Associates N = 14

SECTION 3: IUPUI'S IMPACT ON LEARNING AND SATISFACTION WITH IUPUI

Alumni were asked to indicate how effectively they could perform a series of skills related to the IUPUI Principles of Undergraduate Learning (PULs). Respondents were also asked to indicate their general level of satisfaction with their experiences at IUPUI. Ninety-six percent of Bachelor's and 92% of Associate's respondents reported that they were very effective or effective at identifying sources of information that are most appropriate for a project. Approximately 95% of Bachelor's degree respondents and 89% of Associate's respondents reported they can work with people of

different races, ethnicities, or religions very effectively or effectively.

Approximately 96% of Bachelor's respondents and 94% of Associate's respondents indicated they were very satisfied or satisfied with the overall quality of the education they received at IUPUI. Three-fourths of Bachelor's respondents were very satisfied or satisfied with the academic advising they received in their major department. About 85% of Bachelor's respondents and 89% of Associate's respondents reported that they would definitely or probably go to IUPUI if they could start over again.

Impact on Student Learning

Table 4
Impact of IUPUI on Student Learning ^a

<i>Indicate how effectively you can perform each of these skills using the scale below.</i>	N	Not at all Effective	Somewhat Effective	Effective	Very Effective	Mean	STD
		<i>Percentages</i>					
Speaking clearly and effectively	507	1.2	5.7	40.2	52.9	3.45	0.66
Associates	36	8.3	8.3	38.9	44.4	3.19	0.92
Bachelor's	471	0.6	5.5	40.3	53.5	3.47	0.63
Writing clearly and effectively	507	1.0	4.1	32.9	61.9	3.56	0.62
Associates	36	2.8	5.6	38.9	52.8	3.42	0.73
Bachelor's	471	0.8	4.0	32.5	62.6	3.57	0.62
Quantitative reasoning	506	1.0	5.7	40.1	53.2	3.45	0.65
Associates	36	5.6	5.6	47.2	41.7	3.25	0.81
Bachelor's	470	0.6	5.7	39.6	54.0	3.47	0.64

^a 4-point scale in which "Very Effective" = 4, "Effective" = 3, "Somewhat effective" = 2, and "Not at all effective" = 1.

**Table 4 (cont.)
Impact of IUPUI on Student Learning ^a**

<i>Indicate how effectively you can perform each of these skills using the scale below.</i>	N	Not at all Effective	Somewhat Effective	Effective	Very Effective	Mean	STD
		<i>Percentages</i>					
Identify sources of information that are most appropriate for a project	507	1.0	3.0	32.9	63.1	3.58	0.60
Associates	36	5.6	2.8	36.1	55.6	3.42	0.81
Bachelor's	471	0.6	3.0	32.7	63.7	3.59	0.58
Thinking critically and analytically	507	0.6	2.6	3.6	66.3	3.63	0.57
Associates	36	2.8	5.6	38.9	52.8	3.42	0.73
Bachelor's	471	0.4	2.3	29.9	67.3	3.64	0.55
Applying what I learned in college to issues and problems I face every day	506	3.2	10.1	41.5	45.3	3.29	0.77
Associates	36	2.8	22.2	30.6	44.4	3.17	0.88
Bachelor's	470	3.2	9.1	42.3	45.3	3.30	0.77
In-depth understanding of my major field of study	506	2.2	12.3	42.9	42.7	3.26	0.76
Associates	35	5.7	8.6	45.7	40.0	3.20	0.83
Bachelor's	471	1.9	12.5	42.7	42.9	3.27	0.75
See the relationships among local, national, and global issues	507	2.2	13.4	41.0	43.4	3.26	0.77
Associates	36	8.3	11.1	41.7	38.9	3.11	0.92
Bachelor's	471	1.7	13.6	41.0	43.7	3.27	0.76
Work effectively with people of different races, ethnicities, and religions	504	1.8	3.4	25.0	69.8	3.63	0.64
Associates	35	5.7	5.7	25.7	62.9	3.46	0.85
Bachelor's	469	1.5	3.2	24.9	70.4	3.64	0.62

^a 4-point scale in which "Very Effective" = 4, "Effective" = 3, "Somewhat effective" = 2, and "Not at all effective" = 1.

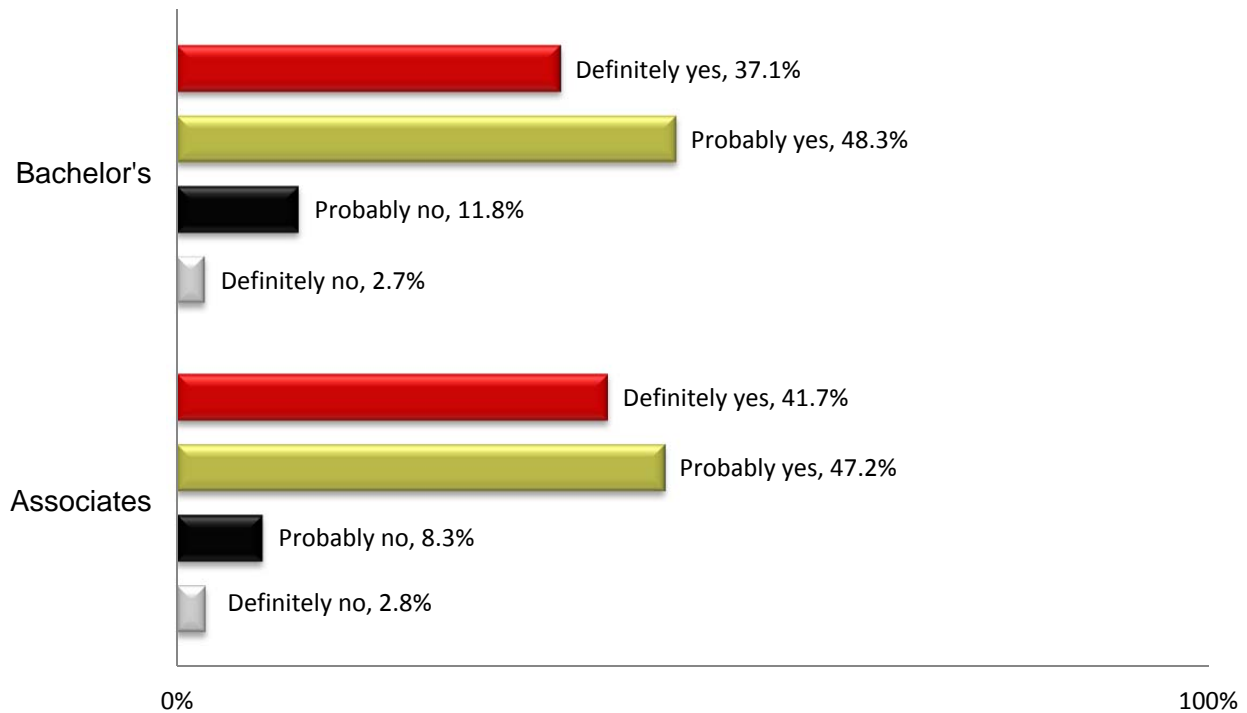
**Table 4 (cont.)
Impact of IUPUI on Student Learning ^a**

<i>Indicate how effectively you can perform each of these skills using the scale below.</i>							
	N	Not at all Effective	Somewhat Effective	Effective	Very Effective	Mean	STD
<i>Percentages</i>							
Exercise my responsibilities as a citizen (e.g., voting, actively participating in community and political issues)	504	5.2	12.7	35.1	47.0	3.24	0.87
Associates	34	8.8	14.7	26.5	50.0	3.18	1.00
Bachelor's	470	4.9	12.6	35.7	46.8	3.24	0.86
Develop a personal sense of values and ethics	506	2.0	4.5	25.9	67.6	3.59	0.67
Associates	36	5.6	0.0	33.3	61.1	3.50	0.78
Bachelor's	470	1.7	4.9	25.3	68.1	3.60	0.66
Use the knowledge I gained in college to address social issues or problems	504	6.9	14.7	38.5	39.9	3.11	0.90
Associates	35	14.3	11.4	31.4	42.9	3.03	1.07
Bachelor's	469	6.4	14.9	39.0	39.7	3.12	0.89
Understand contemporary social issues	505	2.8	10.7	41.8	44.8	3.29	0.77
Associates	36	8.3	5.6	41.7	44.4	3.22	0.90
Bachelor's	469	2.3	11.1	41.8	44.8	3.29	0.76

^a 4-point scale in which "Very Effective" = 4, "Effective" = 3, "Somewhat effective" = 2, and "Not at all effective" = 1.

Satisfaction with IUPUI

Figure 10
If you could start over again, would you go to IUPUI?



Alumni N = 510, Mean = 3.20, Std. Dev. = 0.75
 Bachelor N = 474
 Associate N = 36

Table 5
General Satisfaction ^a

Please indicate how satisfied you are with each of the following aspects of your IUPUI experience	N	Percentages				Mean	STD
		Very Dissatisfied	Dissatisfied	Satisfied	Very Satisfied		
Overall quality of the education you received at IUPUI	511	0.8	3.7	54.4	41.1	3.36	0.59
Associates	36	2.8	2.8	47.2	47.2	3.39	0.69
Bachelor's	475	0.6	3.8	54.9	40.6	3.36	0.59
Quality of teaching by faculty in your major area	510	1.2	5.1	47.8	45.9	3.38	0.64
Associates	36	2.8	5.6	55.6	36.1	3.25	0.69
Bachelor's	474	1.1	5.1	47.3	46.6	3.39	0.64

^a 4-point scale in which "Very Satisfied" = 4, "Satisfied" = 3, "Dissatisfied" = 2, and "Very dissatisfied" = 1.

**Table 5 (cont.)
General Satisfaction ^a**

<i>Please indicate how satisfied you are with each of the following aspects of your IUPUI experience</i>	N	Very Dissatisfied	Dissatisfied	Satisfied	Very Satisfied	Mean	STD
		<i>Percentages</i>					
Academic advising in your major department	510	7.1	17.8	47.5	27.6	2.96	0.86
Associates	36	13.9	11.1	52.8	22.2	2.83	0.94
Bachelor's	474	6.5	18.4	47.0	28.1	2.97	0.85
Quality of courses in your major area	510	1.6	6.9	57.3	34.3	3.24	0.65
Associates	36	2.8	8.3	58.3	30.6	3.17	0.70
Bachelor's	474	1.5	6.8	57.2	34.3	3.25	0.64
Personal attention from those in your major department	510	3.9	11.6	42.2	42.4	3.23	0.80
Associates	36	5.6	11.1	55.6	27.8	3.06	0.79
Bachelor's	474	3.8	11.6	41.1	43.5	3.24	0.80
Opportunities to engage in community service	505	1.6	16.2	56.2	25.9	3.07	0.69
Associates	35	2.9	17.1	65.7	14.3	2.91	0.66
Bachelor's	470	1.5	16.2	55.5	26.8	3.08	0.70
Opportunities to participate in faculty members' research	503	9.7	28.8	49.1	12.3	2.64	0.82
Associates	34	8.8	29.4	58.8	2.9	2.56	0.71
Bachelor's	469	9.8	28.8	48.4	13.0	2.65	0.83

^a 4-point scale in which "Very Satisfied" = 4, "Satisfied" = 3, "Dissatisfied" = 2, and "Very dissatisfied" = 1.

SECTION 4: EXPERIENCE AT IUPUI

Respondents were asked to indicate whether or not they had done certain educationally beneficial experiences before graduating from IUPUI and discuss their satisfaction with career services.

Fifty-six percent of Bachelor's respondents indicated they had done a practicum, internship, field experience, co-op experience, or clinical assignment. Twenty-one percent of

Bachelor's respondents reported that they had worked on a research project with a faculty member outside of course or program requirements, and 49% of Bachelor's respondents participated in community service or volunteer work as part of a course. Seven out of ten Bachelor's respondents and 69% of Associate's respondents were very satisfied or satisfied with career services.

**Table 6
Participation in Experiences at IUPUI**

<i>Which of the following did you do before you graduated from IUPUI?</i>	N	Done <i>Percentages</i>
Practicum, internship, field experience, co-op experience, or clinical assignment	507	55.6
Associates	36	47.2
Bachelor's	471	56.3
Work on a research project with a faculty member outside of course or program requirements	507	19.9
Associates	36	5.6
Bachelor's	471	21.0
Study abroad	507	8.7
Associates	36	5.6
Bachelor's	471	8.9
Freelance or consulting work	507	15.8
Associates	36	8.3
Bachelor's	471	16.3
On-campus employment	507	35.1
Associates	36	22.2
Bachelor's	471	36.1

**Table 6 (cont.)
Participation in Experiences at IUPUI**

<i>Which of the following did you do before you graduated from IUPUI?</i>	N	Done <i>Percentages</i>
Federal Work-Study program	507	15.0
Associates	36	0.0
Bachelor's	471	16.1
Community service or volunteer work as part of a course	507	48.5
Associates	36	44.4
Bachelor's	471	48.8

**Table 7
Career Explorations Opportunities ^a**

<i>Please indicate how satisfied you are with each of the following aspects of your IUPUI experience</i>	N	Very Dissatisfied	Dissatisfied	Satisfied	Very Satisfied	Mean	STD
		<i>Percentages</i>					
Career Services	500	7.6	23.4	58.6	10.4	2.72	0.75
Associates	35	8.6	22.9	51.4	17.1	2.77	0.84
Bachelor's	465	7.5	23.4	59.1	9.9	2.71	0.74
Career fairs	497	5.0	26.4	61.8	6.8	2.70	0.67
Associates	35	5.7	25.7	57.1	11.4	2.74	0.74
Bachelor's	462	5.0	26.4	62.1	6.5	2.70	0.66

^a 4-point scale in which "Very Satisfied" = 4, "Satisfied" = 3, "Dissatisfied" = 2, and "Very dissatisfied" = 1.

**APPENDIX A:
COMPARISONS BY ACADEMIC YEAR OF GRADUATION**

**Table 8
Current Employment Status by Academic Year of Graduation**

	2007-2008		2008-2009		2009-2010	
	N	Percent	N	Percent	N	Percent
Associates						
Working for pay full- or part-time	5	83.3	13	86.7	11	73.3
Not working for pay but looking for work	1	16.7	1	6.7	4	26.7
Not working for pay and not looking for work	0	0.0	1	6.7	0	0.0
I am on active duty in the armed forces	0	0.0	0	0.0	0	0.0
Bachelor's						
Working for pay full- or part-time	80	87.0	144	85.2	179	84.0
Not working for pay but looking for work	6	6.5	13	7.7	15	7.0
Not working for pay and not looking for work	6	6.5	12	7.1	18	8.5
I am on active duty in the armed forces	0	0.0	0	0.0	1	0.5

**Table 9
How closely does your job relate to your IUPUI major area of study
(By Academic Year of Graduation)?^a**

	2007-2008		2008-2009		2009-2010	
	N	Mean	N	Mean	N	Mean
Associates	5	1.60	13	2.23	11	2.09
Bachelor's	80	2.24	144	2.39	177	2.25

^a 3-point scale in which "Directly related" = 3, "Somewhat related" = 2, and "Not related" = 1.

Table 10
IUPUI Education and Work by Academic Year of Graduation ^a

	2007-2008		2008-2009		2009-2010	
	N	Mean	N	Mean	N	Mean
How well did your IUPUI education prepare you for this job?*						
Associates	5	1.80	13	2.54	11	1.91
Bachelor's	80	2.31	144	2.33	176	2.25
How well do you think your IUPUI education enhanced your prospects for future advancement?						
Associates	5	2.00	13	2.38	11	2.36
Bachelor's	80	2.45	144	2.39	179	2.42

^a 3-point scale in which "Very well" = 3, "Somewhat well" = 2, and "Not at all well" = 1.

* One-way ANOVA revealed statistically significant differences between years at $\alpha \leq 0.05$

Table 11
Current Employer by Academic Year of Graduation

	2007-2008		2008-2009		2009-2010	
	N	Percent	N	Percent	N	Percent
Associate's						
Large corporation	1	20.0	7	53.8	7	63.6
Small business or corporation	1	20.0	1	7.7	3	27.3
Educational institution or organization	3	60.0	4	30.8	1	9.1
Federal, state, or local government (not educational)	0	0.0	1	7.7	0	0.0
Other non-profit organization	0	0.0	0	0.0	0	0.0
Self-employed	0	0.0	0	0.0	0	0.0
Bachelor's *						
Large corporation	27	33.8	32	22.4	51	28.5
Small business or corporation	18	22.5	25	17.5	51	28.5
Educational institution or organization	24	30.0	48	33.6	38	21.2
Federal, state, or local government (not educational)	9	11.3	20	14.0	16	8.9
Other non-profit organization	1	1.3	17	11.9	19	10.6
Self-employed	1	1.3	1	0.7	4	2.2

* Chi square test revealed statistically significant differences between years at $\alpha \leq 0.05$

Table 12
Personal Annual Gross Salary by Academic Year of Graduation

	2007-2008		2008-2009		2009-2010	
	N	Percent	N	Percent	N	Percent
Associates						
Under \$20,000	2	40.0	0	0.0	2	18.2
\$20,000 to \$29,999	0	0.0	2	16.7	3	27.3
\$30,000 to \$39,999	1	20.0	3	25.0	1	9.1
\$40,000 to 49,999	1	20.0	2	16.7	2	18.2
\$50,000 and above	1	20.0	5	41.7	3	27.3
Bachelor's*						
Under \$20,000	4	5.2	14	10.5	45	26.3
\$20,000 to \$29,999	11	14.3	21	15.8	33	19.3
\$30,000 to \$39,999	16	20.8	39	29.3	34	19.9
\$40,000 to \$49,999	19	24.7	24	18.0	26	15.2
\$50,000 or above	27	35.1	35	26.3	33	19.3

* Chi square test revealed statistically significant differences between years at $\alpha \leq 0.05$

Table 13
Current Educational Status by Year of Graduation

	2007-2008		2008-2009		2009-2010	
	N	Percent	N	Percent	N	Percent
Associates *						
Enrolled full-time in a program leading to another degree	0	0.0	0	0.0	6	40.0
Enrolled part-time in a program leading to another degree	1	16.7	5	35.7	3	20.0
Enrolled in classes not leading to another degree	0	0.0	0	0.0	0	0.0
Not presently enrolled but plan on taking further coursework	3	50.0	8	57.1	5	33.3
Not presently enrolled and have no plans for further study	2	33.3	1	7.1	1	6.7
Bachelor's						
Enrolled full-time in a program leading to another degree	11	12.0	33	19.8	50	23.6
Enrolled part-time in a program leading to another degree	13	14.1	18	10.8	29	13.7
Enrolled in classes not leading to another degree	2	2.2	5	3.0	8	3.8
Not presently enrolled but plan on taking further coursework	44	47.8	78	46.7	88	41.5
Not presently enrolled and have no plans for further study	22	23.9	33	19.8	37	17.5

* Chi square test revealed statistically significant differences between years at $\alpha \leq 0.05$

Table 14
Impact of IUPUI on Respondents' Learning by Academic Year of Graduation ^a

	2007-2008		2008-2009		2009-2010	
	N	Mean	N	Mean	N	Mean
Speaking clearly and effectively						
Associates	6	2.83	15	3.60	15	2.93
Bachelor's	92	3.40	169	3.53	210	3.44

^a 4-point scale in which "Very Effective" = 4, "Effective" = 3, "Somewhat effective" = 2, and "Not at all Effective" = 1.

Table 14 (cont.)
Impact of IUPUI on Respondents' Learning by Academic Year of Graduation ^a

	2007-2008		2008-2009		2009-2010	
	N	Mean	N	Mean	N	Mean
Writing clearly and effectively						
Associates*	6	3.00	15	3.80	15	3.20
Bachelor's	92	3.57	169	3.61	210	3.54
Quantitative reasoning						
Associates*	6	2.67	15	3.67	15	3.07
Bachelor's	92	3.45	168	3.49	210	3.46
Identify sources of information that are most appropriate for a project						
Associates*	6	2.83	15	3.80	15	3.27
Bachelor's	92	3.63	169	3.62	210	3.56
Thinking critically and analytically						
Associates	6	3.00	15	3.73	15	3.27
Bachelor's	92	3.66	169	3.67	210	3.61
Applying what I learned in college to issues and problems face every day						
Associates**	6	2.83	15	3.73	15	2.73
Bachelor's*	92	3.21	168	3.23	210	3.40
In-depth understanding of my major field of study						
Associates	6	2.67	15	3.53	14	3.07
Bachelor's	92	3.24	169	3.22	210	3.31
See the relationships among local, national, and global issues						
Associates	6	2.67	15	3.40	15	3.00
Bachelor's	92	3.29	169	3.28	210	3.24

^a 4-point scale in which "Very Effective" = 4, "Effective" = 3, "Somewhat effective" = 2, and "Not at all Effective" = 1.

* One-way ANOVA revealed statistically significant differences between years at $\alpha \leq 0.05$

** One-way ANOVA revealed statistically significant differences between years at $\alpha \leq 0.01$

Table 14 (cont.)
Impact of IUPUI on Respondents' Learning by Academic Year of Graduation ^a

	2007-2008		2008-2009		2009-2010	
	N	Mean	N	Mean	N	Mean
Work effectively with people of different races, ethnicities, and religions						
Associates*	5	3.00	15	3.87	15	3.20
Bachelor's	91	3.65	168	3.67	210	3.61
Exercise my responsibilities as a citizen (e.g., voting, actively participating in community and political issues)						
Associates	4	2.75	15	3.33	15	3.13
Bachelor's	92	3.26	168	3.26	210	3.22
Develop a personal sense of values and ethics						
Associates	6	3.33	15	3.80	15	3.27
Bachelor's	92	3.62	168	3.61	210	3.58
Use the knowledge I gained in college to address social issues or problems						
Associates	5	2.60	15	3.20	15	3.00
Bachelor's	91	3.08	168	3.11	210	3.15
Understand contemporary social issues						
Associates	6	3.00	15	3.40	15	3.13
Bachelor's	92	3.33	168	3.32	209	3.25

^a 4-point scale in which "Very Effective" = 4, "Effective" = 3, "Somewhat effective" = 2, and "Not at all Effective" = 1.

* One-way ANOVA revealed statistically significant differences between years at $\alpha \leq 0.05$

** One-way ANOVA revealed statistically significant differences between years at $\alpha \leq 0.01$

Table 15
If you could start over again, would you go to IUPUI
(By Academic Year of Graduation)?

	2007-2008		2008-2009		2009-2010	
	N	Percent	N	Percent	N	Percent
Definitely no						
Associates	0	0.0	0	0.0	1	6.7
Bachelor's	3	3.3	4	2.4	6	2.8
Probably no						
Associates	1	16.7	0	0.0	2	13.3
Bachelor's	7	7.6	21	12.4	28	13.2
Probably yes						
Associates	4	66.7	5	33.3	8	53.3
Bachelor's	50	54.3	75	44.1	104	49.1
Definitely yes						
Associates	1	16.7	10	66.7	4	26.7
Bachelor's	32	34.8	70	41.2	74	34.9

Table 16
Respondents' Satisfaction with IUPUI Experience by
Academic Year of Graduation^a

	2007-2008		2008-2009		2009-2010	
	N	Mean	N	Mean	N	Mean
Overall quality of the education you received at IUPUI						
Associates	6	3.50	15	3.60	15	3.13
Bachelor's	92	3.34	170	3.40	213	3.33
Quality of teaching by faculty in your major area						
Associates	6	3.17	15	3.47	15	3.07
Bachelor's	92	3.45	170	3.41	212	3.36
Academic advising in your major department						
Associates	6	3.00	15	3.00	15	2.60
Bachelor's	92	3.03	170	2.99	212	2.92

^a 4-point scale in which "Very Satisfied" = 4, "Satisfied" = 3, "Dissatisfied" = 2, and "Very dissatisfied" = 1.

**Table 16 (cont.)
 Respondents' Satisfaction with IUPUI Experience by
 Academic Year of Graduation ^a**

	2007-2008		2008-2009		2009-2010	
	N	Mean	N	Mean	N	Mean
Quality of courses in your major area						
Associates	6	3.17	15	3.40	15	2.93
Bachelor's	92	3.28	170	3.24	212	3.25
Personal attention from those in your major department						
Associates	6	3.17	15	3.20	15	2.87
Bachelor's	92	3.34	170	3.24	212	3.21
Opportunities to engage in community service						
Associates	5	2.80	15	3.07	15	2.80
Bachelor's	91	3.09	169	3.07	210	3.08
Opportunities to participate in faculty members' research*						
Associates	5	2.80	15	2.87	14	2.14
Bachelor's	90	2.76	168	2.56	211	2.67

^a 4-point scale in which "Very Satisfied" = 4, "Satisfied" = 3, "Dissatisfied" = 2, and "Very dissatisfied" = 1.

* One-way ANOVA revealed statistically significant differences between years at $\alpha \leq 0.05$

**Table 17
 Participation in Experiences at IUPUI by Academic Year of Graduation**

	2007-2008		2008-2009		2009-2010	
	N	Percent Done	N	Percent Done	N	Percent Done
Practicum, internship, field experience, co-op experience, or clinical assignment						
Associates	2	33.3	10	66.7	5	33.3
Bachelor's	47	51.1	100	59.5	118	55.9

Table 17 (cont.)
Participation in Experiences at IUPUI by Academic Year of Graduation

	2007-2008		2008-2009		2009-2010	
	N	Percent Done	N	Percent Done	N	Percent Done
Work on a research project with a faculty member outside of course or program requirements						
Associates	1	16.7	1	6.7	0	0.0
Bachelor's	18	19.6	33	19.6	48	22.7
Study abroad						
Associates	1	16.7	0	0.0	1	6.7
Bachelor's	5	5.4	19	11.3	18	8.5
Freelance or consulting work						
Associates	1	16.7	0	0.0	2	13.3
Bachelor's	14	15.2	25	14.9	38	18.0
On-campus employment						
Associates	0	0.0	4	26.7	4	26.7
Bachelor's	29	31.5	62	36.9	79	37.4
Federal Work-Study program						
Associates	0	0.0	0	0.0	0	0.0
Bachelor's	15	16.3	27	16.1	34	16.1
Community service or volunteer work as part of a course						
Associates	1	16.7	9	60.0	6	40.0
Bachelor's	38	41.3	81	48.2	111	52.6

Table 18
Satisfaction with Career Explorations Opportunities by Academic Year of Graduation ^a

	2007-2008		2008-2009		2009-2010	
	N	Mean	N	Mean	N	Mean
Career Services						
Associates	5	2.80	15	2.93	15	2.60
Bachelor's	90	2.80	168	2.67	207	2.71
Career fairs						
Associates	6	2.83	14	2.93	15	2.53
Bachelor's	89	2.78	166	2.67	207	2.70

^a 4-point scale in which "Very Satisfied" = 4, "Satisfied" = 3, "Dissatisfied" = 2, and "Very dissatisfied" = 1.

**APPENDIX B:
IUPUI UNDERGRADUATE ALUMNI SURVEY**

IUPUI Alumni Survey

IUPUI continuously evaluates the quality of the college experience for students and the effect of the university experience on its graduates. In this survey we ask for information about four areas: (1) your experiences at IUPUI and your involvement in the community; (2) IUPUI's impact on your learning; (3) your plans for further education; and (4) your current employment. We appreciate your willingness to answer these questions. Your answers are confidential and will only be used for program assessment purposes.

ALL ANSWERS ARE CONFIDENTIAL. NAMES ARE NOT CONNECTED TO ANSWERS.

If you have any questions, do not hesitate to call Steve Graunke in the Office of Information Management and Institutional Research at 274-3617 or via e-mail at sgraunke@IUPUI.edu.

Thank you in advance for your participation.

IUPUI Alumni Survey

This information will help university leaders make decisions about a broad range of programs and services so that IUPUI can become a better institution.

Your IUPUI Experience

1. Please indicate how satisfied you are with each of the following aspects of your IUPUI experience using the following scale:

1 = Very Dissatisfied; **2** = Dissatisfied; **3** = Satisfied; **4** = Very Satisfied

Please consider each item carefully and individually.

<i>Items</i>	<i>Satisfaction</i>			
Overall quality of the education you received at IUPUI	1	2	3	4
Quality of teaching by faculty in your major area	1	2	3	4
Academic advising in your major department	1	2	3	4
Quality of courses in your major area	1	2	3	4
Personal attention from those in your major department	1	2	3	4
Opportunities to engage in community service	1	2	3	4
Opportunities to participate in faculty members' research	1	2	3	4

2. If you could start over again, would you go to IUPUI?

- Definitely no
- Probably no
- Probably yes
- Definitely yes

3. Which of the following did you do before you graduated from IUPUI?

1 = Done; 2 = Did not do

Practicum, internship, field experience, co-op experience, or clinical assignment	1	2
Work on a research project with a faculty member outside of course or program requirements	1	2
Study abroad	1	2
Freelance or consulting work	1	2
On-campus employment	1	2
Federal Work-Study program	1	2
Community service or volunteer work as part of a course	1	2
Community service or volunteer work through organized service activities at IUPUI (e.g. United Way Day of Caring, MLK Day of Service, Jags in the Streets, Race for the Cure, etc.)	1	2
Community service or volunteer work through IUPUI, but outside of course requirements or organized service activities	1	2
Community service through another organization not connected to IUPUI	1	2
Posted a blog or comment, shared links, or recruited friends on a political or community issue through Twitter, Facebook or other social media	1	2
Writing or discussing something on the blackboards in Democracy Plaza (under the BS/SPEA building)	1	2
Community involvement through a campus organization, club or athletics	1	2
Community involvement as part of a scholarship or Federal Work Study	1	2

4. In the following section, please rate your level of satisfaction with career services and fairs:

1 = Very Dissatisfied; 2 = Dissatisfied; 3 = Satisfied; 4 = Very Satisfied

Career Services	1	2	3	4
Career fairs	1	2	3	4

5. How active are you currently within your community?

- Not at all active Somewhat active Very active

6. How much did your educational activities at IUPUI contribute to your current involvement in political, social, or community issues?

- Very little Some Quite a bit Very much

Impact of IUPUI on Your Learning

7. Column A contains a list of skills. In Column B, indicate how effectively you can perform each of these skills using the scale below.

1 = Not at all Effective; 2 = Somewhat Effective; 3 = Effective; 4 = Very Effective

A. Skills and Knowledge

B. Your Current Ability Level

	1	2	3	4
Speaking clearly and effectively	1	2	3	4
Writing clearly and effectively	1	2	3	4
Quantitative reasoning	1	2	3	4
Identify sources of information that are most appropriate for a project	1	2	3	4
Thinking critically and analytically	1	2	3	4
Applying what I learned in college to issues and problems I face every day	1	2	3	4
In-depth Understanding of my major field of study	1	2	3	4
See the relationships among local, national, and global issues	1	2	3	4
Work effectively with people of different races, ethnicities, and religions	1	2	3	4
Exercise my responsibilities as a citizen (e.g., voting, actively participating in community and political issues)	1	2	3	4
Develop a personal sense of values and ethics	1	2	3	4
Use the knowledge I gained in college to address social issues or problems	1	2	3	4
Understand contemporary social issues	1	2	3	4

Further Education

8. Which of the following **best** describes your current educational status?
- Enrolled full-time in a program leading to another degree
 - Enrolled part-time in a program leading to another degree
 - Enrolled in classes not leading to another degree
 - Not presently enrolled but plan on taking further coursework
 - Not presently enrolled and have no plans for further study

What degree and in what field are you studying, i.e., *M.A. in History*? _____

Name of school where you are pursuing this degree _____

How well did your IUPUI education prepare you to pursue this degree? Very well Somewhat Not at all

Current Employment

9. Which best describes your current employment status?

- Working for pay full- or part-time
- Not working for pay but looking for work
- Not working for pay and not looking for work
- I am on active duty in the armed forces

10. Which category best describes your employer?

- Large corporation (e.g. Eli Lilly, Chase Bank, Wall-Mart, etc.)
- Small business or corporation
- Educational institution or organization
- Federal, state or local government (not educational)
- Other non-profit organization (e.g. United Way, religious organizations, etc.)
- Self-employed

11. Are you working in Indiana? Yes No

12. How closely does your job relate to your IUPUI major area of study?

- Directly related
- Somewhat related
- Not related

13. How well did your IUPUI education prepare you for this job?

- Very well
- Somewhat
- Not at all

14. How well do you think your IUPUI education enhanced your prospects for future advancement?

- Very well
- Somewhat
- Not at all

15. Within which category does your personal annual gross salary fall?

- Under \$20,000
- \$20,000 to \$29,999
- \$30,000 to \$39,999
- \$40,000 to \$49,999
- \$50,000 or above
- Prefer not to say