

**Results of the Alumni Survey for  
2000-2001 Undergraduate Degree Recipients**

**for**

**School of Science**

**Alumni Profile  
and  
Comparative Analysis**

*Prepared by the Office of Information Management and Institutional Research*

1/12/2003

## Alumni Profile

Several charts on the following pages display "floating bars" that represent a 95% confidence interval for the population mean based on the sample of survey respondents. Specifically, the starting point of the bar represents the sample mean minus approximately 2 standard error units and the length of the bar represents approximately 4 standard error units (see technical note below for further details).

The floating bars give you a sense of how reliably the sample mean can be generalized to the population that these data are supposed to represent; that is, 2000-2001 graduates. The width of the bar generally increases if the sample size decreases or the variation in answers to the item increases. More narrow bars would then occur for items with a larger number of respondents or smaller variation among responses.

The floating bars are particularly useful in comparing differences across items. If the bars overlap, then the apparent differences in means are not statistically significant. If the bars do not overlap, then the difference is statistically significant at the  $p < .05$  level. The reader should note that this is a somewhat conservative test of statistical significance, as explained further in the following technical note.

### **Technical Note**

The mean confidence interval uses the t-value associated with a probability level of 0.05 and the degrees of freedom appropriate to each item (i.e.,  $n - 1$ ). For example, for an item with 1000 respondents ( $df = 999$ ), the corresponding t-value is 1.9623. The mean minus the standard error (standard deviation divided by the square root of the number of respondents) is the starting point for the bar, and  $2 \times 1.9623 \times$  the standard error is the width of the bar.

Since the item confidence intervals are based on item standard errors, using the non-overlap of bars as an indication of a statistically significant difference is more conservative than a t-test between the two items. This is because the corresponding t-test would employ a pooled estimate of the standard error which would generally be lower than the individual item standard errors. The conservativeness of this test is more than offset by the large number of items that one can compare across this survey. Therefore, readers should still interpret these differences conservatively.

The results for the following Alumni profile are tabulated using the responses from 81 Alumni.

**Employment**

**Current Employment Status**

	N	%	
Working full- or part-time	64	80%	
Not working but looking for work	5	6%	
Not working and not looking	11	14%	
On active duty in the armed forces	0	0%	
<b>Total</b>	<b>80</b>	<b>100%</b>	

**Working in Indiana**

	N	%	
Yes	49	84%	
No	9	16%	

The remaining tables and charts in the employment section pertain to those who currently work full- or part-time.

**Hours Worked**

	N	%	
Working full-time (35+ hours)	53	83%	
Working part-time	11	17%	
Average hours/week worked	39.5		

**Worked with Current Employer Six Months Prior to Receiving Degree**

	N	%	
Yes	20	32%	
No	43	68%	
<i>If yes, a raise or promotion received?</i>			
Yes	9	43%	
No	12	57%	
<i>Did Alumni's first job after graduating require a college degree?</i>			
Yes	14	28%	
No	36	72%	
<i>How many weeks to get the first new job after completing degree?</i>			
0 - 4	22	48%	
5 - 16	16	35%	
17 - 24	4	9%	
25 - 52	3	7%	
Over 52	1	2%	

**How Closely Does Current Job Relate to Major**

	N	%	
Directly Related	25	40%	
Somewhat Related	22	35%	
Not Related	15	24%	

**How Well IUPUI Education Prepared Alumni for Current Job**

	N	%	
Very Well	23	36%	
Somewhat Well	33	52%	
Not at all Well	8	13%	

**How Well IUPUI Education Has Enhanced Future Prospects**

	N	%	
Very Well	29	45%	
Somewhat Well	32	50%	
Not at all Well	3	5%	

**Current Salary**

	N	%	
\$50,000 or above	5	9%	
\$45,000 to \$49,999	5	9%	
\$40,000 to \$44,999	3	5%	
\$35,000 to \$39,999	6	11%	
<b>\$30,000 to \$34,999</b>	11	20%	
\$25,000 to \$29,999	11	20%	
\$20,000 to \$24,999	12	22%	
Under \$20,000	2	4%	

*Median salary range is bolded.*

*Reported salaries are of respondents working full-time.*

**Educational Pursuits**

**Current Educational Status**





	N	%	
TOTAL ENROLLED	29	36%	
Enrolled full-time in degree prog.	19	23%	
Enrolled part-time in degree prog.	9	11%	
Enrolled in courses only	1	1%	
Not presently enrolled but plan to	45	56%	
Not presently enrolled, no plans to	7	9%	

**Completed or Enrolled in a Certification Program**





	N	%	
No	75	93%	
Yes	6	7%	

**The remaining tables and charts in the educational pursuits section pertain to those who are pursuing or have pursued an educational program since graduating.**

**Degree Sought**




	N	%	
Certificate	0	0%	
Associate	0	0%	
Bachelor	2	10%	
Master	14	67%	
Doctorate	2	10%	
Professional Degree	3	14%	

**Likelihood of Pursuing Education at IUPUI**

	N	%	
Currently doing so	13	16%	
Very likely	19	23%	
Somewhat likely	18	22%	
Not very likely	31	38%	

**IUPUI Image**

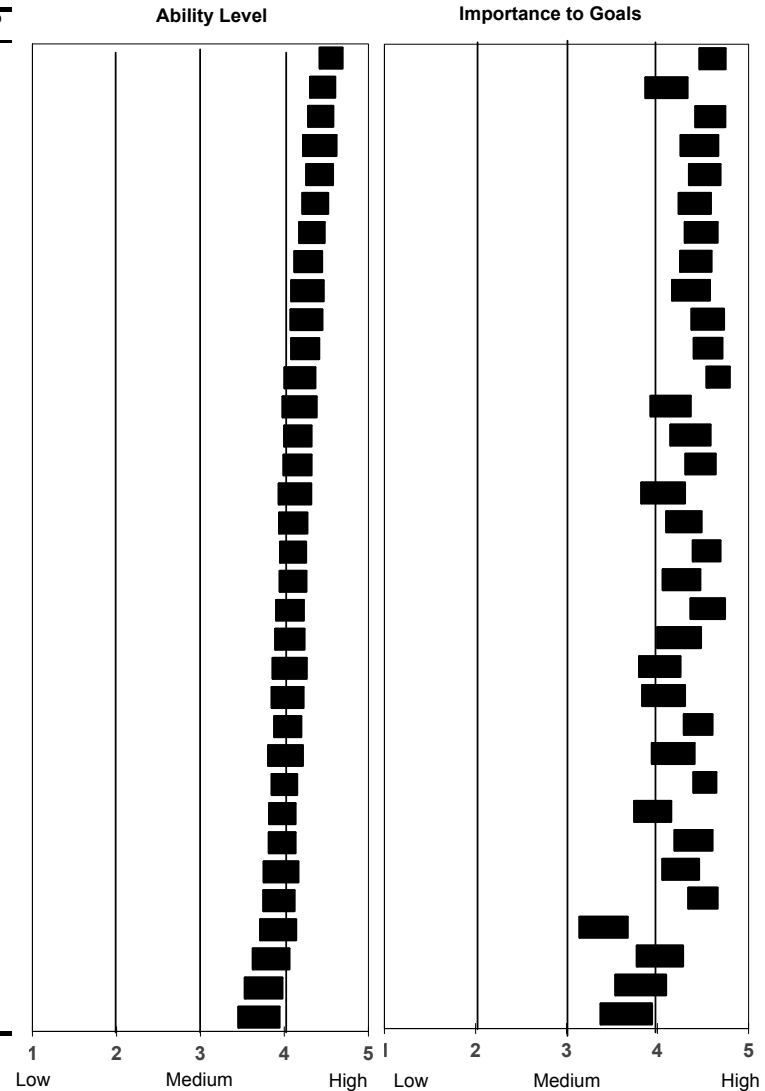
**Would Alumni Encourage Someone Who Wanted to Attend IUPUI**

	N	%	
Strongly encourage	19	25%	
Encourage	43	57%	
Neither encourage nor discourage	14	18%	
Discourage	0	0%	
Strongly discourage	0	0%	

### Impact of IUPUI on Alumni Learning

Indicate your current ability level in each of the following areas and how important each of these abilities is to your career and personal goals. <sup>a,b</sup>

	Ability <sup>a</sup>	Importance <sup>b</sup>
Reading and understanding books, articles, and instruction manuals	4.56	4.60
Finding useful information on the Internet for work-related projects	4.46	4.10
Thinking critically and analytically	4.43	4.58
Working effectively with people of different races, ethnicities, and religions	4.42	4.46
Working as part of a team to solve problems	4.42	4.52
Learning independently	4.37	4.41
Recognizing the consequences of my actions when facing a conflict	4.33	4.48
Using the computer applications that are most common to my field of work or study	4.28	4.42
Making choices about my conduct based on thoughtful reasoning about what is appropriate	4.28	4.37
Managing many different tasks and obligations at the same time	4.26	4.55
Writing clearly and effectively	4.25	4.56
Speaking clearly and effectively	4.19	4.67
Doing research on an issue or topic before I plan a course of action	4.18	4.14
Evaluating other people's ideas and proposed solutions	4.16	4.36
Finding new ways to use my skills and knowledge as I encounter new situations/problems	4.16	4.47
Writing a final report on a project or other work assignment	4.13	4.06
Learning new approaches to my work or to advanced studies	4.11	4.29
Discussing complex problems with co-workers to develop a better solution	4.10	4.54
Gathering information from a variety of sources when deciding what action to take	4.10	4.26
Keeping my composure in difficult situations	4.07	4.55
Making informed judgments when faced with ethical dilemmas	4.07	4.24
Preparing a presentation that I will deliver to a group	4.06	4.02
Having a general understanding of subjects other than the one in which I majored	4.04	4.07
Trying different approaches to solving a problem	4.04	4.45
Having an in-depth understanding of my major field of study	4.01	4.17
Systematically reviewing & improving own ideas about how to approach an issue/problem	4.00	4.52
Applying what I learned in college to issues and problems I face every day	3.97	3.95
Communicating effectively with people who see things differently than I do	3.97	4.39
Putting ideas together in new ways	3.96	4.25
Creatively thinking about new ideas or ways to improve existing things	3.94	4.50
Solving mathematical problems	3.93	3.41
Dealing with conflict among co-workers and friends	3.84	4.03
Understanding a statistical report	3.75	3.81
Exercising responsibilities as a citizen (voting, staying current w/comm. & political issues)	3.70	3.66



<sup>a</sup> Responses provided on a 5-point scale, where 1=Low Ability Level and 5=High Ability Level.

<sup>b</sup> Responses provided on a 5-point scale, where 1=Low Importance to your Goals and 5=High Importance to your Goals.

<sup>a,b</sup> Reported values are averages.

See next page for frequencies and percentages for these items.

**Assessed Ability Level**

<i>Indicate your current ability level in each of the following skills and knowledge areas:</i>	Number of Respondents					Percentage				
	Low Ability	Medium Ability	High Ability	Low Ability	Medium Ability	High Ability	Low Ability	Medium Ability	High Ability	
Reading and understanding books, articles, and instruction manuals	0	0	5	26	50	0%	0%	6%	32%	62%
Solving mathematical problems	1	3	25	24	28	1%	4%	31%	30%	35%
Using the computer applications that are most common to my field of work or study	0	1	11	33	36	0%	1%	14%	41%	44%
Finding useful information on the Internet for work-related projects	0	0	8	28	45	0%	0%	10%	35%	56%
Writing clearly and effectively	0	2	9	37	33	0%	2%	11%	46%	41%
Speaking clearly and effectively	1	1	12	35	32	1%	1%	15%	43%	40%
Working as part of a team to solve problems	0	2	5	31	43	0%	2%	6%	38%	53%
Preparing a presentation that I will deliver to a group	2	2	13	36	28	2%	2%	16%	44%	35%
Writing a final report on a project or other work assignment	0	3	16	29	32	0%	4%	20%	36%	40%
Understanding a statistical report	1	8	23	27	22	1%	10%	28%	33%	27%
Thinking critically and analytically	0	0	8	30	43	0%	0%	10%	37%	53%
Evaluating other people's ideas and proposed solutions	0	0	16	36	29	0%	0%	20%	44%	36%
Systematically reviewing & improving my own ideas about how to approach an issue...	0	1	14	46	16	0%	1%	18%	60%	21%
Creatively thinking about new ideas or ways to improve existing things	0	2	22	32	21	0%	3%	29%	42%	27%
Discussing complex problems with co-workers to develop a better solution	0	0	14	41	22	0%	0%	18%	53%	29%
Applying what I learned in college to issues and problems I face every day	0	0	19	41	17	0%	0%	25%	53%	22%
Gathering information from a variety of sources when deciding what action to take	0	0	15	39	23	0%	0%	19%	51%	30%
Finding new ways to use my skills & knowledge as I encounter new situations/problems	0	1	12	38	26	0%	1%	16%	49%	34%
Doing research on an issue or topic before I plan a course of action	1	2	12	29	33	1%	3%	16%	38%	43%
Putting ideas together in new ways	0	5	18	29	25	0%	6%	23%	38%	32%
Having a general understanding of subjects other than the one in which I majored	0	3	15	34	24	0%	4%	20%	45%	32%
Learning independently	0	0	8	32	36	0%	0%	11%	42%	47%
Learning new approaches to my work or to advanced studies	0	0	17	34	25	0%	0%	22%	45%	33%
Trying different approaches to solving a problem	0	0	17	39	20	0%	0%	22%	51%	26%
Managing many different tasks and obligations at the same time	0	0	18	20	38	0%	0%	24%	26%	50%
Having an in-depth understanding of my major field of study	1	2	18	29	26	1%	3%	24%	38%	34%
Dealing with conflict among co-workers and friends	1	7	14	35	19	1%	9%	18%	46%	25%
Working effectively with people of different races, ethnicities, and religions	1	3	4	23	45	1%	4%	5%	30%	59%
Communicating effectively with people who see things differently than I do	0	0	19	40	17	0%	0%	25%	53%	22%
Keeping my composure in difficult situations	0	1	14	40	21	0%	1%	18%	53%	28%
Exercising responsibilities as a citizen (voting, staying current w/community, & political...)	4	5	19	30	18	5%	7%	25%	39%	24%
Making informed judgments when faced with ethical dilemmas	0	2	13	39	22	0%	3%	17%	51%	29%
Recognizing the consequences of my actions when facing a conflict	0	1	5	38	32	0%	1%	7%	50%	42%
Making choices about my conduct based on thoughtful reasoning about what is appropriate	1	2	7	31	35	1%	3%	9%	41%	46%

**Importance to Goals**

<i>Indicate how important your ability level is to your goals in each of the following skills and knowledge areas:</i>	Number of Respondents					Percentage				
	Low Importance	Medium Importance	High Importance	Low Importance	Medium Importance	High Importance	Low Importance	Medium Importance	High Importance	
Reading and understanding books, articles, and instruction manuals	0	0	7	18	56	0%	0%	9%	22%	69%
Solving mathematical problems	4	15	26	16	20	5%	19%	32%	20%	25%
Using the computer applications that are most common to my field of work or study	0	2	8	25	46	0%	2%	10%	31%	57%
Finding useful information on the Internet for work-related projects	1	6	16	19	39	1%	7%	20%	23%	48%
Writing clearly and effectively	0	2	4	22	53	0%	2%	5%	27%	65%
Speaking clearly and effectively	0	0	4	19	58	0%	0%	5%	23%	72%
Working as part of a team to solve problems	0	2	8	17	54	0%	2%	10%	21%	67%
Preparing a presentation that I will deliver to a group	0	10	11	27	33	0%	12%	14%	33%	41%
Writing a final report on a project or other work assignment	1	8	14	20	38	1%	10%	17%	25%	47%
Understanding a statistical report	7	5	15	23	31	9%	6%	19%	28%	38%
Thinking critically and analytically	0	1	9	13	58	0%	1%	11%	16%	72%
Evaluating other people's ideas and proposed solutions	2	2	11	15	50	3%	3%	14%	19%	63%
Systematically reviewing & improving my own ideas about how to approach an issue...	0	0	2	33	42	0%	0%	3%	43%	55%
Creatively thinking about new ideas or ways to improve existing things	0	1	6	23	46	0%	1%	8%	30%	61%
Discussing complex problems with co-workers to develop a better solution	0	0	7	21	48	0%	0%	9%	28%	63%
Applying what I learned in college to issues and problems I face every day	0	2	25	24	25	0%	3%	33%	32%	33%
Gathering information from a variety of sources when deciding what action to take	0	4	11	22	39	0%	5%	14%	29%	51%
Finding new ways to use my skills & knowledge as I encounter new situations/problems	0	2	4	26	44	0%	3%	5%	34%	58%
Doing research on an issue or topic before I plan a course of action	1	4	12	25	34	1%	5%	16%	33%	45%
Putting ideas together in new ways	0	3	12	23	37	0%	4%	16%	31%	49%
Having a general understanding of subjects other than the one in which I majored	0	6	18	16	35	0%	8%	24%	21%	47%
Learning independently	0	1	10	22	43	0%	1%	13%	29%	57%
Learning new approaches to my work or to advanced studies	0	3	10	25	38	0%	4%	13%	33%	50%
Trying different approaches to solving a problem	0	0	8	26	42	0%	0%	11%	34%	55%
Managing many different tasks and obligations at the same time	0	2	7	14	53	0%	3%	9%	18%	70%
Having an in-depth understanding of my major field of study	1	4	16	15	40	1%	5%	21%	20%	53%
Dealing with conflict among co-workers and friends	3	6	9	26	32	4%	8%	12%	34%	42%
Working effectively with people of different races, ethnicities, and religions	2	1	6	18	49	3%	1%	8%	24%	64%
Communicating effectively with people who see things differently than I do	1	3	7	19	46	1%	4%	9%	25%	61%
Keeping my composure in difficult situations	1	1	7	13	54	1%	1%	9%	17%	71%
Exercising responsibilities as a citizen (voting, staying current w/community, & political...)	6	7	17	23	23	8%	9%	22%	30%	30%
Making informed judgments when faced with ethical dilemmas	2	5	7	21	41	3%	7%	9%	28%	54%
Recognizing the consequences of my actions when facing a conflict	0	2	7	19	47	0%	3%	9%	25%	63%
Making choices about my conduct based on thoughtful reasoning about what is appropriate	1	3	7	21	44	1%	4%	9%	28%	58%

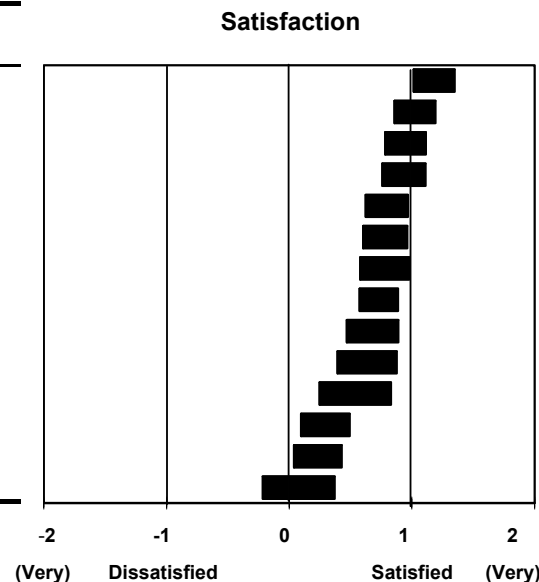


### Alumni Ratings of Satisfaction with IUPUI Experience<sup>c</sup>

(In order of highest to lowest levels of average Satisfaction)

Indicate your level of satisfaction with IUPUI in the areas of...	Average
Quality of teaching by faculty in your major area	1.18
Overall quality of the education you received at IUPUI	1.03
Quality of teaching by other faculty at IUPUI	0.95
Courses in your major area	0.94
Opportunities to work with other students in groups or teams	0.79
Opportunities to integrate learning w/ personal experiences	0.78
The helpfulness of IUPUI staff in general	0.78
Required courses outside major area (gen ed req)	0.73
Opportunities to increase your self-understanding	0.68
Opportunities to participate in faculty members' research	0.64
Personal attention from those in your major department	0.54
Opportunities to engage in community services	0.29
Opportunities to engage in extra-curricular activities	0.23
Academic advising in your major department	0.08

<sup>c</sup> Responses for the satisfaction items provided on a 5-point scale, where -2=Very Dissatisfied, -1=Dissatisfied, 0=Neutral, 1=Satisfied, and 2=Very Satisfied.

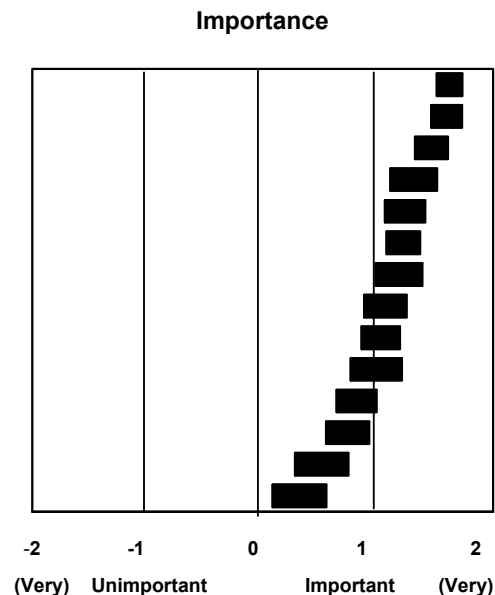


### Alumni Ratings of Importance with IUPUI Experience<sup>d</sup>

(In order of highest to lowest levels of average Importance)

Indicate the importance of the following:	Average
Overall quality of the education you received at IUPUI	1.62
Quality of teaching by faculty in your major area	1.60
Courses in your major area	1.47
Academic advising in your major department	1.31
The helpfulness of IUPUI staff in general	1.24
Quality of teaching by other faculty at IUPUI	1.22
Personal attention from those in your major department	1.18
Opportunities to increase your self-understanding	1.07
Opportunities to integrate learning w/ personal experiences	1.03
Opportunities to participate in faculty members' research	0.99
Opportunities to work with other students in groups or teams	0.82
Required courses outside major area (gen ed req)	0.74
Opportunities to engage in community services	0.51
Opportunities to engage in extra-curricular activities	0.32

<sup>d</sup> Responses for the importance items provided on a 5-point scale, where -2=Very Unimportant, -1=Unimportant, 0=Neutral, 1=Important, and 2=Very Important.

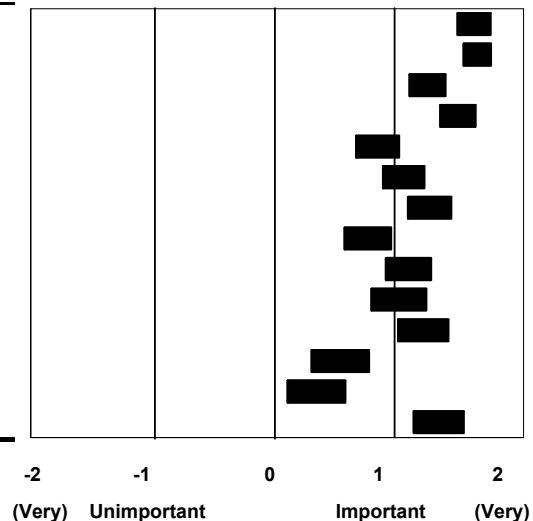


**Alumni Ratings of Satisfaction and Importance<sup>c,d</sup>**

*(In order of highest to lowest levels of average Satisfaction)*

Item	Satisfaction
Quality of teaching by faculty in your major area	1.18
Overall quality of the education you received at IUPUI	1.03
Quality of teaching by other faculty at IUPUI	0.95
Courses in your major area	0.94
Opportunities to work with other students in groups or teams	0.79
Opportunities to integrate learning w/ personal experiences	0.78
The helpfulness of IUPUI staff in general	0.78
Required courses outside major area (gen ed req)	0.73
Opportunities to increase your self-understanding	0.68
Opportunities to participate in faculty members' research	0.64
Personal attention from those in your major department	0.54
Opportunities to engage in community services	0.29
Opportunities to engage in extra-curricular activities	0.23
Academic advising in your major department	0.08

**Importance**



<sup>c</sup> Responses for the satisfaction items provided on a 5-point scale, where -2=Very Dissatisfied, -1=Dissatisfied, 0=Neutral, 1=Satisfied, and 2=Very Satisfied.

<sup>d</sup> Responses for the importance items provided on a 5-point scale, where -2=Very Unimportant, -1=Unimportant, 0=Neutral, 1=Important, and 2=Very Important.

See next page for frequencies and percentages for these items.

**Satisfaction with IUPUI Experience**

<i>Indicate your level of satisfaction with IUPUI in the areas of...</i>	Number of Respondents					Percentage				
	Very Dissatisfied		Neutral	Very Satisfied		Very Dissatisfied		Neutral	Very Satisfied	
	Dissatisfied	Dissatisfied	Neutral	Satisfied	Satisfied	Dissatisfied	Dissatisfied	Neutral	Satisfied	Satisfied
Overall quality of the education you received at IUPUI	1	2	8	50	17	1%	3%	10%	64%	22%
Quality of teaching by faculty in your major area	0	2	9	39	27	0%	3%	12%	51%	35%
Quality of teaching by other faculty at IUPUI	1	3	8	53	13	1%	4%	10%	68%	17%
Academic advising in your major department	12	13	23	17	13	15%	17%	29%	22%	17%
Courses in your major area	0	6	8	49	15	0%	8%	10%	63%	19%
Required courses outside major area (gen ed req)	0	5	17	50	6	0%	6%	22%	64%	8%
Personal attention from those in your major department	4	17	15	17	25	5%	22%	19%	22%	32%
Opportunities to increase your self-understanding	3	2	26	33	14	4%	3%	33%	42%	18%
Opportunities to work with other students in groups or teams	0	3	23	39	13	0%	4%	29%	50%	17%
Opportunities to integrate learning w/ personal experiences	0	5	20	40	13	0%	6%	26%	51%	17%
Opportunities to engage in community services	1	11	38	20	8	1%	14%	49%	26%	10%
Opportunities to engage in extra-curricular activities	2	9	41	19	6	3%	12%	53%	25%	8%
Opportunities to participate in faculty members' research	3	6	26	23	19	4%	8%	34%	30%	25%
The helpfulness of IUPUI staff in general	0	8	16	38	15	0%	10%	21%	49%	19%

**Importance of Aspects of IUPUI Experience**

<i>Indicate the importance of the following:</i>	Number of Respondents					Percentage				
	Very Unimportant		Neutral	Very Important		Very Unimportant		Neutral	Very Important	
	Unimportant	Unimportant	Neutral	Important	Important	Unimportant	Unimportant	Neutral	Important	Important
Overall quality of the education you received at IUPUI	0	0	0	29	48	0%	0%	0%	38%	62%
Quality of teaching by faculty in your major area	0	1	1	26	49	0%	1%	1%	34%	64%
Quality of teaching by other faculty at IUPUI	0	1	6	45	25	0%	1%	8%	58%	32%
Academic advising in your major department	1	2	10	23	41	1%	3%	13%	30%	53%
Courses in your major area	0	1	2	33	39	0%	1%	3%	44%	52%
Required courses outside major area (gen ed req)	1	4	20	40	11	1%	5%	26%	53%	14%
Personal attention from those in your major department	1	2	12	28	33	1%	3%	16%	37%	43%
Opportunities to increase your self-understanding	0	2	16	33	25	0%	3%	21%	43%	33%
Opportunities to work with other students in groups or teams	0	2	24	36	14	0%	3%	32%	47%	18%
Opportunities to integrate learning w/ personal experiences	0	0	19	36	21	0%	0%	25%	47%	28%
Opportunities to engage in community services	3	7	27	26	13	4%	9%	36%	34%	17%
Opportunities to engage in extra-curricular activities	5	6	33	22	9	7%	8%	44%	29%	12%
Opportunities to participate in faculty members' research	1	4	16	27	26	1%	5%	22%	36%	35%
The helpfulness of IUPUI staff in general	0	2	9	34	31	0%	3%	12%	45%	41%

## **Comparative Analysis**

**Comparisons between Science graduates and all other IUPUI bachelor degree graduates.****Impact of IUPUI on Alumni Learning - Current Ability**

<b>Rate your current ability level in the area of...<sup>a</sup></b>	<b>SCI Means</b>	<b>All other Bachelors</b>	<b>Difference in Means</b>	<b>Significance</b>
Reading and understanding books, articles, and instruction manuals	4.56	4.52	0.03	
Solving mathematical problems	3.93	3.76	0.17	
Using the computer applications that are most common to my field of work or study	4.28	4.21	0.08	
Finding useful information on the Internet for work-related projects	4.46	4.30	0.15	
Writing clearly and effectively	4.25	4.33	-0.08	
Speaking clearly and effectively	4.19	4.26	-0.07	
Working as part of a team to solve problems	4.42	4.40	0.02	
Preparing a presentation that I will deliver to a group	4.06	4.02	0.05	
Writing a final report on a project or other work assignment	4.13	4.09	0.04	
Understanding a statistical report	3.75	3.47	0.29	*
Thinking critically and analytically	4.43	4.28	0.15	
Evaluating other people's ideas and proposed solutions	4.16	4.14	0.02	
Systematically reviewing & improving own ideas about how to approach an issue/problem	4.00	4.02	-0.02	
Creatively thinking about new ideas or ways to improve existing things	3.94	4.09	-0.16	
Discussing complex problems with co-workers to develop a better solution	4.10	4.11	-0.01	
Applying what I learned in college to issues and problems I face every day	3.97	3.98	-0.01	
Gathering information from a variety of sources when deciding what action to take	4.10	4.18	-0.08	
Finding new ways to use my skills and knowledge as I encounter new situations/problems	4.16	4.10	0.06	
Doing research on an issue or topic before I plan a course of action	4.18	4.03	0.15	
Putting ideas together in new ways	3.96	3.96	0.00	
Having a general understanding of subjects other than the one in which I majored	4.04	4.00	0.04	
Learning independently	4.37	4.35	0.02	
Learning new approaches to my work or to advanced studies	4.11	4.00	0.11	
Trying different approaches to solving a problem	4.04	4.02	0.02	
Managing many different tasks and obligations at the same time	4.26	4.27	-0.01	
Having an in-depth understanding of my major field of study	4.01	3.95	0.07	
Dealing with conflict among co-workers and friends	3.84	3.87	-0.03	
Working effectively with people of different races, ethnicities, and religions	4.42	4.49	-0.07	
Communicating effectively with people who see things differently than I do	3.97	4.05	-0.08	
Keeping my composure in difficult situations	4.07	4.10	-0.04	
Exercising responsibilities as a citizen (voting, staying current w/comm. & political issues)	3.70	3.83	-0.14	
Making informed judgments when faced with ethical dilemmas	4.07	4.23	-0.17	
Recognizing the consequences of my actions when facing a conflict	4.33	4.28	0.05	
Making choices about my conduct based on thoughtful reasoning about what is appropriate	4.28	4.34	-0.06	

<sup>a</sup> Scale: 1=Low Ability Level, 3=Medium Ability Level, and 5=High Ability Level.

\* denotes a statistically significant difference between your school and all other schools at  $p < .05$ .

**Impact of IUPUI on Alumni Learning (Cont'd) - Importance to Goals**

<i>Indicate how important your ability level is to your goals in the following areas...</i> <sup>b</sup>	SCI Means	All other Bachelors	Difference in Means	Significance
Reading and understanding books, articles, and instruction manuals	4.60	4.43	0.17	
Solving mathematical problems	3.41	3.36	0.05	
Using the computer applications that are most common to my field of work or study	4.42	4.29	0.13	
Finding useful information on the Internet for work-related projects	4.10	4.05	0.05	
Writing clearly and effectively	4.56	4.51	0.04	
Speaking clearly and effectively	4.67	4.63	0.04	
Working as part of a team to solve problems	4.52	4.42	0.10	
Preparing a presentation that I will deliver to a group	4.02	4.00	0.02	
Writing a final report on a project or other work assignment	4.06	3.86	0.21	
Understanding a statistical report	3.81	3.44	0.37	*
Thinking critically and analytically	4.58	4.55	0.03	
Evaluating other people's ideas and proposed solutions	4.36	4.28	0.09	
Systematically reviewing & improving own ideas about how to approach an issue/problem	4.52	4.40	0.12	
Creatively thinking about new ideas or ways to improve existing things	4.50	4.46	0.04	
Discussing complex problems with co-workers to develop a better solution	4.54	4.34	0.20	*
Applying what I learned in college to issues and problems I face every day	3.95	3.99	-0.04	
Gathering information from a variety of sources when deciding what action to take	4.26	4.28	-0.02	
Finding new ways to use my skills and knowledge as I encounter new situations/problems	4.47	4.36	0.12	
Doing research on an issue or topic before I plan a course of action	4.14	4.11	0.03	
Putting ideas together in new ways	4.25	4.19	0.06	
Having a general understanding of subjects other than the one in which I majored	4.07	4.04	0.03	
Learning independently	4.41	4.46	-0.05	
Learning new approaches to my work or to advanced studies	4.29	4.29	0.00	
Trying different approaches to solving a problem	4.45	4.32	0.12	
Managing many different tasks and obligations at the same time	4.55	4.68	-0.12	
Having an in-depth understanding of my major field of study	4.17	4.25	-0.08	
Dealing with conflict among co-workers and friends	4.03	4.13	-0.10	
Working effectively with people of different races, ethnicities, and religions	4.46	4.40	0.06	
Communicating effectively with people who see things differently than I do	4.39	4.52	-0.13	
Keeping my composure in difficult situations	4.55	4.58	-0.03	
Exercising responsibilities as a citizen (voting, staying current w/comm. & political issues)	3.66	3.92	-0.26	
Making informed judgments when faced with ethical dilemmas	4.24	4.37	-0.14	
Recognizing the consequences of my actions when facing a conflict	4.48	4.44	0.04	
Making choices about my conduct based on thoughtful reasoning about what is appropriate	4.37	4.47	-0.10	

<sup>b</sup> Scale: 1=Low Importance to Goals, 3=Medium Importance to Goals, and 5=High Importance to Goals.

\* denotes a statistically significant difference between your school and all other schools at  $p < .05$ .

**Satisfaction with IUPUI Experience**

<b>Indicate your level of satisfaction with IUPUI in the areas of...<sup>c</sup></b>	SCI Means	All other Bachelors	Difference in Means	Significance
Overall quality of the education you received at IUPUI	1.03	1.09	-0.07	
Quality of teaching by faculty in your major area	1.18	1.07	0.12	
Quality of teaching by other faculty at IUPUI	0.95	0.81	0.14	
Academic advising in your major department	0.08	0.46	-0.38	*
Courses in your major area	0.94	0.98	-0.05	
Required courses outside your major area	0.73	0.69	0.04	
Personal attention from those in your major department	0.54	0.82	-0.28	*
Opportunities to increase your self-understanding	0.68	0.79	-0.11	
Opportunities to work with other students in groups or teams	0.79	0.98	-0.19	
Opportunities to integrate what you have learned with personal experiences	0.78	0.89	-0.11	
Opportunities to engage in community services	0.29	0.43	-0.13	
Opportunities to engage in extra-curricular activities	0.23	0.24	-0.01	
Opportunities to participate in faculty members' research	0.64	0.03	0.61	*
The helpfulness of IUPUI staff in general	0.78	0.77	0.00	

<sup>c</sup> Scale: -2=Very Dissatisfied, -1=Dissatisfied, 0=Neutral, 1=Satisfied, 2=Very Satisfied.

\* denotes a statistically significant difference between your school and all other schools at  $p < .05$ .

**Importance of Aspects of IUPUI Experience**

<b>Indicate the importance of the following:<sup>d</sup></b>	SCI Means	All other Bachelors	Difference in Means	Significance
Overall quality of the education you received at IUPUI	1.62	1.57	0.05	
Quality of teaching by faculty in your major area	1.60	1.67	-0.07	
Quality of teaching by other faculty at IUPUI	1.22	1.23	0.00	
Academic advising in your major department	1.31	1.31	0.00	
Courses in your major area	1.47	1.60	-0.13	
Required courses outside your major area	0.74	0.85	-0.11	
Personal attention from those in your major department	1.18	1.29	-0.10	
Opportunities to increase your self-understanding	1.07	1.13	-0.07	
Opportunities to work with other students in groups or teams	0.82	0.82	0.00	
Opportunities to integrate what you have learned with personal experiences	1.03	1.22	-0.19	*
Opportunities to engage in community services	0.51	0.54	-0.03	
Opportunities to engage in extra-curricular activities	0.32	0.35	-0.03	
Opportunities to participate in faculty members' research	0.99	0.27	0.71	*
The helpfulness of IUPUI staff in general	1.24	1.29	-0.06	

<sup>d</sup> Scale: -2=Very Unimportant, -1=Unimportant, 0=Neutral, 1=Important, 2=Very Important.

\* denotes a statistically significant difference between your school and all other schools at  $p < .05$ .

**Addendum - Employment**

**Occupation**

	N	%	
Life & Physical Scientist/Researcher	15	23%	██████████
Administrator/Manager	8	13%	██████
Administrative Support Occupations	5	8%	████
Teacher/Faculty	4	6%	████
Marketing & Sales Occupations	4	6%	████
Service Occupations	3	5%	████
Counselor	3	5%	████
Social Scientist/Researcher/Planner	3	5%	████
Health Practitioner/Technologist	2	3%	██
Engineer, Surveyor, Architect	2	3%	██
Other	15	23%	██████████

**Business/Industry**

	N	%	
Research & Testing Services	12	19%	██████████
Education	10	16%	██████
Health/Medical Services	9	14%	██████
Social Services	6	9%	████
Manufacturing	5	8%	████
Hotels/Lodging/Restaurant	5	8%	████
Wholesale Trade/Retail Trade	2	3%	██
Advertising & Public Relations Svcs	2	3%	██
Management/Business Consulting	2	3%	██
Financial Inst/Insurance/Real Estate	1	2%	█
Other	10	16%	██████

Note: Top ten are reported for Occupation and Business/Industry.

**Employer**

	N	%	
IUPUI	5	31%	██████████
Eli Lilly	5	31%	██████████
Indiana University	4	25%	██████
Valle Vista Health System	2	13%	████

Note: Top Employers with two or more IUPUI graduates reported.



### Addendum - Demographics

#### Sample Demographics

##### Sex

	N	%
Female	60	74%
Male	21	26%

##### Age\*

Mean
26.2

\* Reported as averages.

##### Degree Type

	N	%
BACH	81	100%
ASSOC	0	0%
CERT	0	0%

##### GPA\*

Mean
3.2

\* Reported as averages.

##### Ethnicity

	N	%
Asian or Pacific Islander	2	2%
African American	5	6%
Hispanic	2	2%
American Indian/Alaskan Native	0	0%
Non-resident Alien	0	0%
White, non-Hispanic	71	88%
Other American	1	1%

### Addendum - Educational Pursuits

#### Institution

	N	%	
IUPUI	9	69%	████████████████████
IU	4	31%	██████████

#### Field of Study

	N	%	
Social Work	4	50%	████████████████
Chemistry	2	25%	██████████
Psychology	2	25%	██████████

*Note: Institutions and Fields of Study are reported if there are two or more graduates.*