Results of the Alumni Survey for
2001-2002 Undergraduate Degree Recipients

for

School of Engineering and Technology

Alumni Profile
and
Comparative Analysis

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, undergraduate degree recipients graduating during the 2001-2002 academic year. 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 <u>not</u> 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.
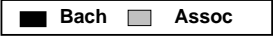
Technical Note

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 x 1.9623 x 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 145 Alumni.

Employment

Current Employment Status

	TOTAL		BACH		ASSOC	
	N	%	N	%	N	%
Working full- or part-time	121	90%	66	86%	55	95%
Not working but looking for work	13	10%	11	14%	2	3%
Not working and not looking	1	1%	0	0%	1	2%
In the military service	0	0%	0	0%	0	0%
Total	135	100%	77	100%	58	100%

■ **Bach** ▨ **Assoc**

Work in Indiana

	TOTAL		BACH		ASSOC	
	N	%	N	%	N	%
Yes	116	92%	62	89%	54	96%
No	10	8%	8	11%	2	4%

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

Hours Worked

	TOTAL		BACH		ASSOC	
	N	%	N	%	N	%
Working full-time (35+ hours)	115	89%	67	94%	48	83%
Working part-time	14	11%	4	6%	10	17%
Average hours/week worked	39.8		40.8		38.7	

Chi-square significant at p< .05

Worked with Current Employer Six Months Prior to Receiving Degree

	TOTAL		BACH		ASSOC	
	N	%	N	%	N	%
Yes	73	57%	35	49%	38	67%
No	56	43%	37	51%	19	33%

Chi-square significant at p< .05

If yes, a raise or promotion received?						
Yes	*24*	*33%*	*16*	*46%*	*8*	*22%*
No	*48*	*67%*	*19*	*54%*	*29*	*78%*

Chi-square significant at p< .05

Did Alumni's first job after graduating require a college degree?						
Yes	*42*	*60%*	*33*	*72%*	*9*	*38%*
No	*28*	*40%*	*13*	*28%*	*15*	*63%*

Chi-square significant at p< .05

How many weeks did it take to find the first new job after completing degree?						
0 - 4	*21*	*43%*	*13*	*37%*	*8*	*57%*
5 - 16	*15*	*31%*	*11*	*31%*	*4*	*29%*
17 - 24	*7*	*14%*	*6*	*17%*	*1*	*7%*
25 - 52	*6*	*12%*	*5*	*14%*	*1*	*7%*
Over 52	*0*	*0%*	*0*	*0%*	*0*	*0%*

How Closely Does Current Job Relate to Major

	TOTAL		BACH		ASSOC		Bach / Assoc
	N	%	N	%	N	%	
Directly Related	63	50%	42	59%	21	38%	
Somewhat Related	47	37%	23	32%	24	43%	
Not Related	17	13%	6	8%	11	20%	

Chi-square significant at p< .05

How Well IUPUI Education Prepared Alumni for Current Job

	TOTAL		BACH		ASSOC	
	N	%	N	%	N	%
Very Well	50	38%	33	45%	17	29%
Somewhat Well	71	54%	39	53%	32	55%
Not at all Well	11	8%	2	3%	9	16%

Chi-square significant at p< .05

How Well IUPUI Education Has Enhanced Future Prospects

	TOTAL		BACH		ASSOC	
	N	%	N	%	N	%
Very Well	77	58%	43	58%	34	59%
Somewhat Well	52	39%	29	39%	23	40%
Not at all Well	3	2%	2	3%	1	2%

Current Salary

	TOTAL		BACH		ASSOC	
	N	%	N	%	N	%
$50,000 or above	38	31%	26	37%	12	23%
$45,000 to $49,999	17	14%	11	15%	6	12%
$40,000 to $44,999	20	16%	10	14%	10	19%
$35,000 to $39,999	15	12%	7	10%	8	15%
$30,000 to $34,999	12	10%	7	10%	5	10%
$25,000 to $29,999	9	7%	2	3%	7	13%
$20,000 to $24,999	7	6%	5	7%	2	4%
Under $20,000	5	4%	3	4%	2	4%

Median salary range is bolded. Reported salaries are of respondents working full-time.

Educational Pursuits

Current Educational Status

	TOTAL		BACH		ASSOC	
	N	%	N	%	N	%
TOTAL ENROLLED	43	30%	12	15%	31	51%
Enrolled full-time in degree prog.	16	11%	3	4%	13	21%
Enrolled part-time in degree prog.	25	17%	8	10%	17	28%
Enrolled in courses only	2	1%	1	1%	1	2%
Not presently enrolled but plan to	60	42%	45	55%	15	25%
Not presently enrolled, no plans to	40	28%	25	30%	15	25%

Chi-square significant at p< .05

Completed or Enrolled in a Certification Program

	Bach	Assoc

	TOTAL		BACH		ASSOC	
	N	%	N	%	N	%
No	126	88%	77	93%	49	80%
Yes	18	13%	6	7%	12	20%
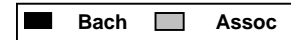
Chi-square significant at p< .05

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

	TOTAL		BACH		ASSOC	
	N	%	N	%	N	%
Certificate	0	0%	0	0%	0	0%
Associate	2	6%	0	0%	2	8%
Bachelor	20	59%	0	0%	20	80%
Master	11	32%	8	89%	3	12%
Doctorate	0	0%	0	0%	0	0%
Professional Degree	1	3%	1	11%	0	0%

Likelihood of Pursuing Education at IUPUI

	TOTAL		BACH		ASSOC	
	N	%	N	%	N	%
Currently doing so	28	20%	8	10%	20	33%
Very likely	22	15%	11	13%	11	18%
Somewhat likely	42	29%	28	34%	14	23%
Not very likely	51	36%	35	43%	16	26%

Chi-square significant at p< .05

IUPUI Image

Would Alumni Encourage Someone Who Wanted to Attend IUPUI

	TOTAL		BACH		ASSOC	
	N	%	N	%	N	%
Strongly encourage	52	37%	27	34%	25	42%
Encourage	71	51%	40	50%	31	52%
Neither encourage nor discourage	15	11%	12	15%	3	5%
Discourage	2	1%	1	1%	1	2%
Strongly discourage	0	0%	0	0%	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.

	TOTAL		BACH		ASSOC	
	Ability[a]	Importance[b]	Ability[a]	Importance[b]	Ability[a]	Importance[b]
	Average	Average	Average	Average	Average	Average
Reading and understanding books, articles, and instruction manuals	4.56	4.45	4.56	4.47	4.55	4.42
Working effectively with people of different races, ethnicities, and religions	4.45	4.29	4.44	4.28	4.46	4.30
Thinking critically and analytically	4.38	4.61	4.41	4.65	4.34	4.56
Finding useful information on the Internet for work-related projects	4.37	4.03	4.38	4.06	4.36	4.00
Making choices about my conduct based on thoughtful reasoning about what is appropriate	4.36	4.39	4.31	4.38	4.42	4.40
Using the computer applications that are most common to my field of work or study	4.31	4.57	4.26	4.60	4.39	4.53
Recognizing the consequences of my actions when facing a conflict	4.30	4.33	4.28	4.33	4.33	4.33
Learning independently	4.30	4.38	4.28	4.42	4.33	4.33
Working as part of a team to solve problems	4.28	4.39	4.32	4.46	4.23	4.30
Gathering information from a variety of sources when deciding what action to take	4.17	4.26	4.21	4.26	4.13	4.26
Managing many different tasks and obligations at the same time	4.16	4.66	4.16	4.67	4.16	4.66
Writing clearly and effectively	4.16	4.37	4.22	4.46	4.08	4.26
Making informed judgments when faced with ethical dilemmas	4.15	4.16	4.13	4.14	4.18	4.18
Solving mathematical problems	4.15	3.84	4.28	**4.05**	3.97	**3.56**
Evaluating other people's ideas and proposed solutions	4.13	4.35	4.10	4.37	4.18	4.32

[a] Responses provided on a 5-point scale, where 1=Low Ability Level, 3=Medium Ability and 5=High Ability. Reported values are averages.

[b] Responses provided on a 5-point scale, where 1=Low Importance to Goals, 3=Medium Importance and 5=High Importance.

Note: Differences in **bold** mean values are statistically significant at p< .05 as indicated by the non-overlap of bars in the adjacent chart.

See text box at the beginning of the report for further discussion of this significance criteria compared to the traditional t-test.

Bach   Assoc

Average Ability Level

Low   High

Average Importance

Low   High

Impact of IUPUI on Alumni Learning (Cont'd)

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.
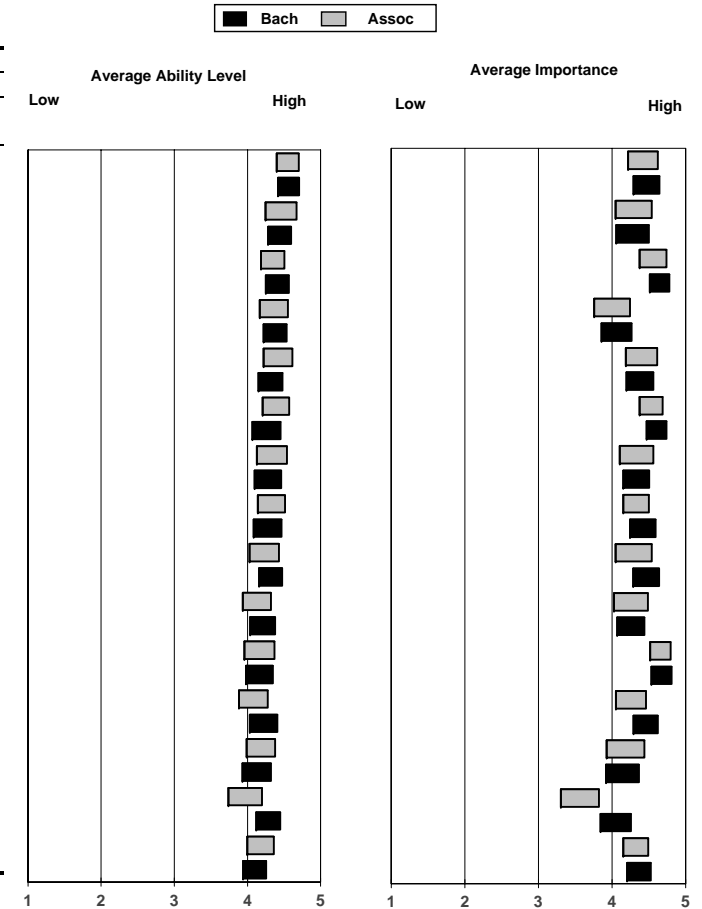
Legend: ■ Bach   ▨ Assoc

	TOTAL		BACH		ASSOC		Average Ability Level	Average Importance
	Ability[a]	Importance[b]	Ability[a]	Importance[b]	Ability[a]	Importance[b]	Low — High	Low — High
	Average	Average	Average	Average	Average	Average		
Finding new ways to use my skills and knowledge as I encounter new situations or problems	4.10	4.40	4.10	4.39	4.10	4.42		
Discussing complex problems with co-workers to develop a better solution	4.08	4.47	4.05	4.44	4.13	4.52		
Trying different approaches to solving a problem	4.08	4.34	4.16	4.34	3.97	4.34		
Speaking clearly and effectively	4.06	4.42	4.09	4.41	4.02	4.42		
Creatively thinking about new ideas or ways to improve existing things	4.03	4.49	4.05	4.49	4.00	4.50		
Applying what I learned in college to issues and problems I face every day	4.01	4.03	3.94	3.95	4.11	4.15		
Learning new approaches to my work or to advanced studies	4.01	4.27	4.06	4.30	3.93	4.22		
Doing research on an issue or topic before I plan a course of action	4.00	4.10	4.04	4.16	3.95	4.02		
Systematically reviewing & improving my own ideas about how to approach an issue/problem	3.99	4.42	4.04	4.39	3.92	4.47		
Keeping my composure in difficult situations	3.98	4.49	4.03	4.53	3.92	4.43		
Having an in-depth understanding of my major field of study	3.96	4.29	3.99	4.35	3.93	4.21		
Communicating effectively with people who see things differently than I do	3.93	4.40	3.95	4.43	3.90	4.36		
Exercising my responsibilities as a citizen (voting, staying current w/comm. & political issues)	3.91	3.71	3.81	3.78	4.03	3.60		
Writing a final report on a project or other work assignment	3.90	3.84	3.89	3.81	3.92	3.87		
Having a general understanding of subjects other than the one in which I majored	3.86	4.04	3.84	4.09	3.89	3.98		
Preparing a presentation that I will deliver to a group	3.81	3.92	3.80	3.93	3.82	3.92		
Putting ideas together in new ways	3.79	4.04	3.85	4.03	3.70	4.05		
Dealing with conflict among co-workers and friends	3.79	4.10	3.79	4.08	3.79	4.13		
Understanding a statistical report	3.62	3.50	3.73	3.59	3.47	3.39		

[a] *Responses provided on a 5-point scale, where 1=Low Ability Level, 3=Medium Ability and 5=High Ability. Reported values are averages.*

[b] *Responses provided on a 5-point scale, where 1=Low Importance to Goals, 3=Medium Importance and 5=High Importance.*

*Note: Differences in **bold** mean values are statistically significant at p< .05 as indicated by the non-overlap of bars in the adjacent chart.*

See text box at the beginning of the report for further discussion of this significance criteria compared to the traditional t-test.
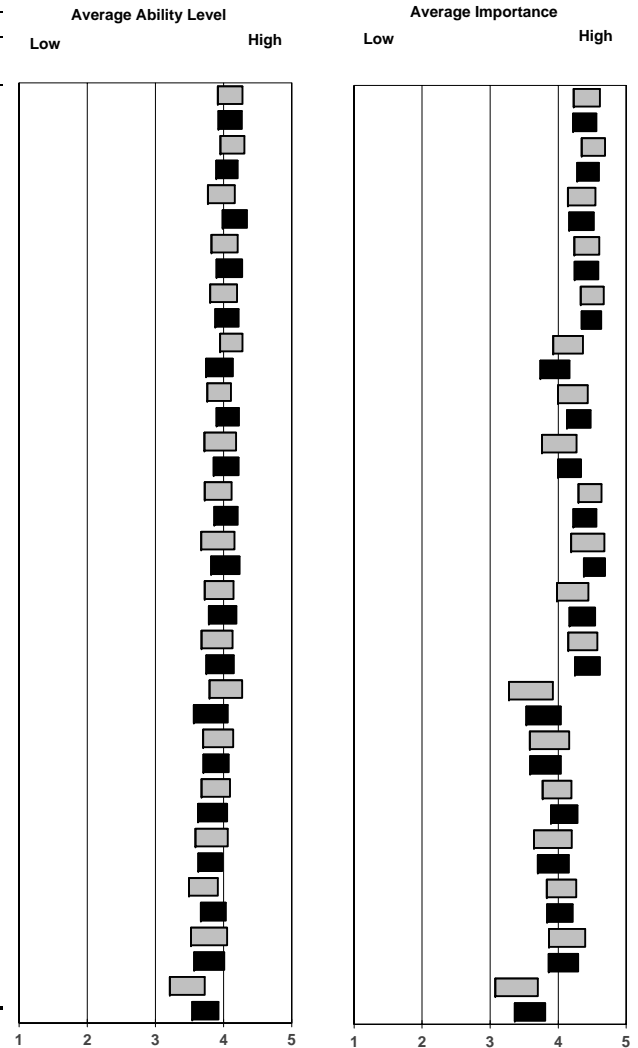
Assessed Ability Level (Bachelors)

Indicate your current ability level in each of the following skills and knowledge areas:	Number of Respondents				Percentage			
	Low Ability		Medium Ability	High Ability	Low Ability		Medium Ability	High Ability
Reading and understanding books, articles, and instruction manuals	0	1	4	25	52	0%	1%	5%	30%	63%
Solving mathematical problems	0	1	11	33	36	0%	1%	14%	41%	44%
Using the computer applications that are most common to my field of work or study	1	1	14	25	40	1%	1%	17%	31%	49%
Finding useful information on the Internet for work-related projects	0	1	8	32	41	0%	1%	10%	39%	50%
Writing clearly and effectively	1	2	11	32	36	1%	2%	13%	39%	44%
Speaking clearly and effectively	0	3	17	32	30	0%	4%	21%	39%	37%
Working as part of a team to solve problems	0	1	9	35	37	0%	1%	11%	43%	45%
Preparing a presentation that I will deliver to a group	0	4	24	38	16	0%	5%	29%	46%	20%
Writing a final report on a project or other work assignment	1	3	18	41	18	1%	4%	22%	51%	22%
Understanding a statistical report	1	4	27	34	16	1%	5%	33%	41%	20%
Thinking critically and analytically	0	0	10	28	43	0%	0%	12%	35%	53%
Evaluating other people's ideas and proposed solutions	0	1	14	43	24	0%	1%	17%	52%	29%
Systematically reviewing and improving my own ideas about how to approach an issue…	0	3	14	42	23	0%	4%	17%	51%	28%
Creatively thinking about new ideas or ways to improve existing things	0	1	20	35	26	0%	1%	24%	43%	32%
Discussing complex problems with co-workers to develop a better solution	0	1	16	43	22	0%	1%	20%	52%	27%
Applying what I learned in college to issues and problems I face every day	2	1	20	36	23	2%	1%	24%	44%	28%
Gathering information from a variety of sources when deciding what action to take	0	1	15	32	34	0%	1%	18%	39%	41%
Finding new ways to use my skills and knowledge as I encounter new situations or problems	0	2	15	38	27	0%	2%	18%	46%	33%
Doing research on an issue or topic before I plan a course of action	0	1	22	30	27	0%	1%	28%	38%	34%
Putting ideas together in new ways	0	2	27	32	19	0%	3%	34%	40%	24%
Having a general understanding of subjects other than the one in which I majored	2	3	23	30	22	3%	4%	29%	38%	28%
Learning independently	1	1	12	27	39	1%	1%	15%	34%	49%
Learning new approaches to my work or to advanced studies	0	0	19	37	24	0%	0%	24%	46%	30%
Trying different approaches to solving a problem	0	0	20	27	33	0%	0%	25%	34%	41%
Managing many different tasks and obligations at the same time	0	1	18	28	33	0%	1%	23%	35%	41%
Having an in-depth understanding of my major field of study	1	3	18	32	26	1%	4%	23%	40%	33%
Dealing with conflict among co-workers and friends	1	8	19	31	21	1%	10%	24%	39%	26%
Working effectively with people of different races, ethnicities, and religions	0	1	7	28	44	0%	1%	9%	35%	55%
Communicating effectively with people who see things differently than I do	0	5	19	30	25	0%	6%	24%	38%	32%
Keeping my composure in difficult situations	1	4	16	30	29	1%	5%	20%	38%	36%
Exercising responsibilities as a citizen (voting, staying current w/community, & political...)	3	7	19	24	27	4%	9%	24%	30%	34%
Making informed judgments when faced with ethical dilemmas	0	3	17	27	33	0%	4%	21%	34%	41%
Recognizing the consequences of my actions when facing a conflict	1	2	6	35	35	1%	3%	8%	44%	44%
Making choices about my conduct based on thoughtful reasoning about what is appropriate	0	1	10	32	37	0%	1%	13%	40%	46%

Assessed Ability Level (Associates)

Indicate your current ability level in each of the following skills and knowledge areas:	Number of Respondents				Percentage			
	Low Ability		Medium Ability	High Ability	Low Ability		Medium Ability	High Ability
Reading and understanding books, articles, and instruction manuals	0	0	3	22	37	0%	0%	5%	35%	60%
Solving mathematical problems	0	4	14	24	20	0%	6%	23%	39%	32%
Using the computer applications that are most common to my field of work or study	0	0	8	22	32	0%	0%	13%	35%	52%
Finding useful information on the Internet for work-related projects	0	1	7	22	31	0%	2%	11%	36%	51%
Writing clearly and effectively	0	1	13	28	20	0%	2%	21%	45%	32%
Speaking clearly and effectively	0	0	17	27	18	0%	0%	27%	44%	29%
Working as part of a team to solve problems	0	0	13	21	27	0%	0%	21%	34%	44%
Preparing a presentation that I will deliver to a group	0	6	15	25	16	0%	10%	24%	40%	26%
Writing a final report on a project or other work assignment	1	3	11	32	15	2%	5%	18%	52%	24%
Understanding a statistical report	2	7	23	20	10	3%	11%	37%	32%	16%
Thinking critically and analytically	0	0	5	30	26	0%	0%	8%	49%	43%
Evaluating other people's ideas and proposed solutions	0	0	11	29	22	0%	0%	18%	47%	35%
Systematically reviewing and improving my own ideas about how to approach an issue…	0	2	15	31	14	0%	3%	24%	50%	23%
Creatively thinking about new ideas or ways to improve existing things	0	2	12	32	16	0%	3%	19%	52%	26%
Discussing complex problems with co-workers to develop a better solution	0	0	11	32	19	0%	0%	18%	52%	31%
Applying what I learned in college to issues and problems I face every day	0	0	10	35	17	0%	0%	16%	56%	27%
Gathering information from a variety of sources when deciding what action to take	0	1	11	29	21	0%	2%	18%	47%	34%
Finding new ways to use my skills and knowledge as I encounter new situations or problems	0	0	13	30	19	0%	0%	21%	48%	31%
Doing research on an issue or topic before I plan a course of action	1	2	14	26	18	2%	3%	23%	43%	30%
Putting ideas together in new ways	0	3	23	24	11	0%	5%	38%	39%	18%
Having a general understanding of subjects other than the one in which I majored	0	3	15	29	14	0%	5%	25%	48%	23%
Learning independently	0	1	6	26	28	0%	2%	10%	43%	46%
Learning new approaches to my work or to advanced studies	0	0	16	33	12	0%	0%	26%	54%	20%
Trying different approaches to solving a problem	0	1	16	28	16	0%	2%	26%	46%	26%
Managing many different tasks and obligations at the same time	0	1	12	24	24	0%	2%	20%	39%	39%
Having an in-depth understanding of my major field of study	0	2	17	25	17	0%	3%	28%	41%	28%
Dealing with conflict among co-workers and friends	1	7	13	23	17	2%	11%	21%	38%	28%
Working effectively with people of different races, ethnicities, and religions	1	1	4	18	37	2%	2%	7%	30%	61%
Communicating effectively with people who see things differently than I do	0	6	9	31	15	0%	10%	15%	51%	25%
Keeping my composure in difficult situations	1	3	14	24	18	2%	5%	23%	40%	30%
Exercising responsibilities as a citizen (voting, staying current w/community, & political...)	0	4	12	22	22	0%	7%	20%	37%	37%
Making informed judgments when faced with ethical dilemmas	0	1	9	28	22	0%	2%	15%	47%	37%
Recognizing the consequences of my actions when facing a conflict	0	2	6	22	30	0%	3%	10%	37%	50%
Making choices about my conduct based on thoughtful reasoning about what is appropriate	0	1	7	18	34	0%	2%	12%	30%	57%

Importance to Goals (Bachelors)

Indicate how important your ability level is to your goals in each of the following skills and knowledge areas:	Number of Respondents				Percentage				
	Low Importance		Medium Importance		High Importance	Low Importance		Medium Importance		High Importance
Reading and understanding books, articles, and instruction manuals	1	0	9	21	50	1%	0%	11%	26%	62%
Solving mathematical problems	0	5	19	25	33	0%	6%	23%	30%	40%
Using the computer applications that are most common to my field of work or study	0	0	5	22	54	0%	0%	6%	27%	67%
Finding useful information on the Internet for work-related projects	0	4	21	23	34	0%	5%	26%	28%	41%
Writing clearly and effectively	0	2	6	26	47	0%	2%	7%	32%	58%
Speaking clearly and effectively	0	2	10	22	48	0%	2%	12%	27%	59%
Working as part of a team to solve problems	1	1	7	23	50	1%	1%	9%	28%	61%
Preparing a presentation that I will deliver to a group	0	11	14	27	30	0%	13%	17%	33%	37%
Writing a final report on a project or other work assignment	1	7	23	24	25	1%	9%	29%	30%	31%
Understanding a statistical report	2	9	27	27	17	2%	11%	33%	33%	21%
Thinking critically and analytically	0	0	5	19	58	0%	0%	6%	23%	71%
Evaluating other people's ideas and proposed solutions	0	1	9	31	41	0%	1%	11%	38%	50%
Systematically reviewing and improving my own ideas about how to approach an issue…	0	1	11	25	45	0%	1%	13%	30%	55%
Creatively thinking about new ideas or ways to improve existing things	0	0	7	28	47	0%	0%	9%	34%	57%
Discussing complex problems with co-workers to develop a better solution	0	1	8	27	46	0%	1%	10%	33%	56%
Applying what I learned in college to issues and problems I face every day	3	2	16	36	25	4%	2%	20%	44%	30%
Gathering information from a variety of sources when deciding what action to take	1	1	12	30	38	1%	1%	15%	37%	46%
Finding new ways to use my skills and knowledge as I encounter new situations or problems	0	0	15	20	47	0%	0%	18%	24%	57%
Doing research on an issue or topic before I plan a course of action	0	1	14	35	29	0%	1%	18%	44%	37%
Putting ideas together in new ways	0	4	15	35	25	0%	5%	19%	44%	32%
Having a general understanding of subjects other than the one in which I majored	1	1	17	31	29	1%	1%	22%	39%	37%
Learning independently	0	1	11	21	46	0%	1%	14%	27%	58%
Learning new approaches to my work or to advanced studies	0	2	9	31	37	0%	3%	11%	39%	47%
Trying different approaches to solving a problem	0	2	11	24	42	0%	3%	14%	30%	53%
Managing many different tasks and obligations at the same time	0	0	6	14	59	0%	0%	8%	18%	75%
Having an in-depth understanding of my major field of study	0	2	12	21	44	0%	3%	15%	27%	56%
Dealing with conflict among co-workers and friends	0	7	12	28	32	0%	9%	15%	35%	41%
Working effectively with people of different races, ethnicities, and religions	2	3	9	22	43	3%	4%	11%	28%	54%
Communicating effectively with people who see things differently than I do	0	3	6	23	45	0%	4%	8%	30%	58%
Keeping my composure in difficult situations	0	1	6	22	50	0%	1%	8%	28%	63%
Exercising responsibilities as a citizen (voting, staying current w/community, & political...)	3	7	22	19	28	4%	9%	28%	24%	35%
Making informed judgments when faced with ethical dilemmas	2	3	12	26	35	3%	4%	15%	33%	45%
Recognizing the consequences of my actions when facing a conflict	0	3	6	32	38	0%	4%	8%	41%	48%
Making choices about my conduct based on thoughtful reasoning about what is appropriate	1	0	11	23	44	1%	0%	14%	29%	56%

Importance to Goals (Associates)

| Indicate how important your ability level is to your goals in each of the following skills and knowledge areas:	Number of Respondents				Percentage			
	Low Importance	Medium Importance		High Importance	Low Importance	Medium Importance		High Importance
Reading and understanding books, articles, and instruction manuals	0	2	6	18	36	0%	3%	10%	29%	58%
Solving mathematical problems	1	9	18	22	12	2%	15%	29%	35%	19%
Using the computer applications that are most common to my field of work or study	0	0	4	21	37	0%	0%	6%	34%	60%
Finding useful information on the Internet for work-related projects	1	2	15	21	22	2%	3%	25%	34%	36%
Writing clearly and effectively	0	2	8	24	28	0%	3%	13%	39%	45%
Speaking clearly and effectively	0	2	2	26	32	0%	3%	3%	42%	52%
Working as part of a team to solve problems	1	3	6	18	33	2%	5%	10%	30%	54%
Preparing a presentation that I will deliver to a group	2	4	15	17	24	3%	6%	24%	27%	39%
Writing a final report on a project or other work assignment	2	8	8	22	22	3%	13%	13%	35%	35%
Understanding a statistical report	4	13	14	17	14	6%	21%	23%	27%	23%
Thinking critically and analytically	1	0	2	19	39	2%	0%	3%	31%	64%
Evaluating other people's ideas and proposed solutions	0	1	4	31	26	0%	2%	6%	50%	42%
Systematically reviewing and improving my own ideas about how to approach an issue…	0	0	6	21	35	0%	0%	10%	34%	56%
Creatively thinking about new ideas or ways to improve existing things	0	0	6	19	37	0%	0%	10%	31%	60%
Discussing complex problems with co-workers to develop a better solution	0	1	3	21	37	0%	2%	5%	34%	60%
Applying what I learned in college to issues and problems I face every day	0	2	13	21	26	0%	3%	21%	34%	42%
Gathering information from a variety of sources when deciding what action to take	1	2	7	22	30	2%	3%	11%	35%	48%
Finding new ways to use my skills and knowledge as I encounter new situations or problems	0	1	7	19	35	0%	2%	11%	31%	56%
Doing research on an issue or topic before I plan a course of action	2	2	11	24	22	3%	3%	18%	39%	36%
Putting ideas together in new ways	0	2	14	24	21	0%	3%	23%	39%	34%
Having a general understanding of subjects other than the one in which I majored	0	2	15	26	18	0%	3%	25%	43%	30%
Learning independently	0	0	7	27	27	0%	0%	11%	44%	44%
Learning new approaches to my work or to advanced studies	0	2	10	21	27	0%	3%	17%	35%	45%
Trying different approaches to solving a problem	0	1	9	19	32	0%	2%	15%	31%	52%
Managing many different tasks and obligations at the same time	0	0	2	17	42	0%	0%	3%	28%	69%
Having an in-depth understanding of my major field of study	0	2	13	16	30	0%	3%	21%	26%	49%
Dealing with conflict among co-workers and friends	2	2	11	17	29	3%	3%	18%	28%	48%
Working effectively with people of different races, ethnicities, and religions	2	1	6	20	32	3%	2%	10%	33%	52%
Communicating effectively with people who see things differently than I do	0	2	8	17	34	0%	3%	13%	28%	56%
Keeping my composure in difficult situations	1	1	10	7	41	2%	2%	17%	12%	68%
Exercising responsibilities as a citizen (voting, staying current w/community, & political...)	5	6	15	16	18	8%	10%	25%	27%	30%
Making informed judgments when faced with ethical dilemmas	1	3	10	16	30	2%	5%	17%	27%	50%
Recognizing the consequences of my actions when facing a conflict	1	0	10	16	33	2%	0%	17%	27%	55%
Making choices about my conduct based on thoughtful reasoning about what is appropriate	1	0	7	18	34	2%	0%	12%	30%	57%

Campus Climate for Diversity[c]

For the purposes of this survey, "diversity" and "backgrounds" refers to differences among people in at least gender, race/ethnicity, sexual orientation, religious beliefs, socio-economic class, age, learning style, and disabilities

Please indicate how often you have experienced each of the following while enrolled at IUPUI

	TOTAL	BACH	ASSOC
Participated in clsroom discussions that included contribs from students from diverse bkgrds	2.79	2.85	2.70
Socialized with students from backgrounds different than your own	2.78	2.94	2.58
Had classrm exp that enhanced understanding of people from diverse backgrounds	2.01	2.08	1.92
Took a class that increased your understanding of multiculturism and diversity	1.31	1.42	1.16
Attended campus events & activities that increased your understanding of diversity	0.74	0.81	0.64
Saw or read racist, antigay or sexist material on campus	0.67	0.62	0.74
Felt a sense of negative conflict between diverse groups on campus	0.58	0.65	0.49

[c] *Responses provided on a 5-point scale where 0=Never, 1=Rarely, 2=Sometimes, 3=Often, and 4=Very Often.*

Note: Differences in bold mean values are statistically significant at p< .05 as indicated by the non-overlap of bars in the adjacent chart.
See text box at the beginning of the report for further discussion of this significance criteria compared to the traditional t-test.
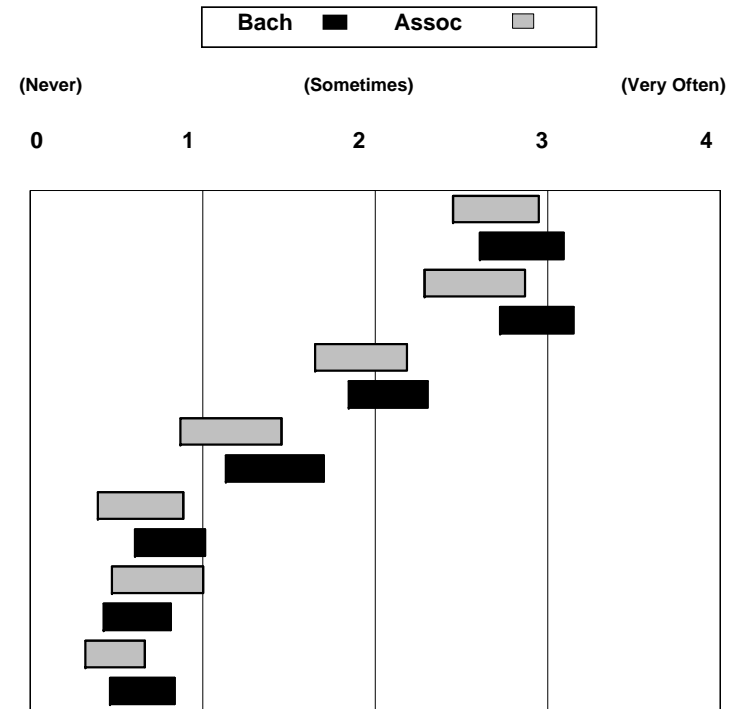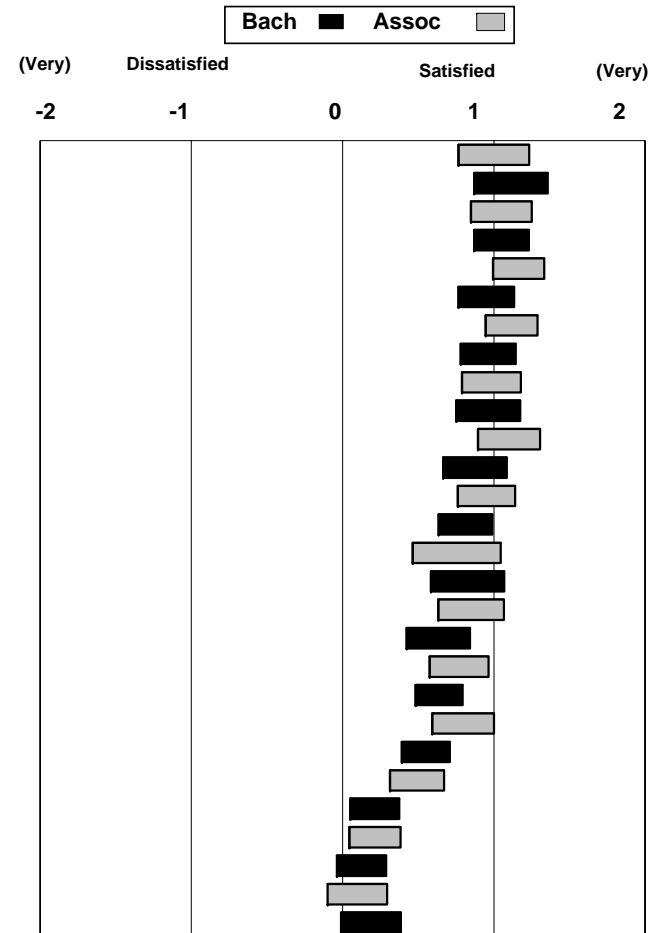
Climate for Diversity (Bachelors)

Indicate how often you have experienced each of the following while enrolled at IUPUI:	Number of Respondents					Percentage				
	Never	Rarely	Sometimes	Often	V. Often	Never	Rarely	Sometimes	Often	V. Often
Socialized with students from backgrounds different than your own	0	6	20	26	27	0%	8%	25%	33%	34%
Participated in clsroom discussions that included contribs from students from diverse bkgrds	1	10	18	22	29	1%	13%	23%	28%	36%
Had classrm exp that enhanced understanding of people from diverse backgrounds	3	22	29	18	8	4%	28%	36%	23%	10%
Took a class that increased your understanding of multiculturism and diversity	22	25	17	7	8	28%	32%	22%	9%	10%
Attended campus events & activities that increased your understanding of diversity	33	34	8	2	2	42%	43%	10%	3%	3%
Saw or read racist, antigay or sexist material on campus	47	18	11	3	0	59%	23%	14%	4%	0%
Felt a sense of negative conflict between diverse groups on campus	43	26	7	4	0	54%	33%	9%	5%	0%

Climate for Diversity (Associates)

Indicate how often you have experienced each of the following while enrolled at IUPUI:	Number of Respondents					Percentage				
	Never	Rarely	Sometimes	Often	V. Often	Never	Rarely	Sometimes	Often	V. Often
Socialized with students from backgrounds different than your own	3	5	21	15	15	5%	8%	36%	25%	25%
Participated in clsroom discussions that included contribs from students from diverse bkgrds	0	6	21	18	15	0%	10%	35%	30%	25%
Had classrm exp that enhanced understanding of people from diverse backgrounds	4	20	17	17	3	7%	33%	28%	28%	5%
Took a class that increased your understanding of multiculturism and diversity	22	18	12	7	2	36%	30%	20%	11%	3%
Attended campus events & activities that increased your understanding of diversity	37	14	6	3	1	61%	23%	10%	5%	2%
Saw or read racist, antigay or sexist material on campus	34	15	8	2	2	56%	25%	13%	3%	3%
Felt a sense of negative conflict between diverse groups on campus	36	21	3	1	0	59%	34%	5%	2%	0%

Alumni Ratings of Satisfaction with IUPUI Experience[d]

Indicate your level of satisfaction with IUPUI in the areas of...	Average Satisfaction Rating		
	TOTAL	BACH	ASSOC
Personal attention from those in major	1.06	1.11	1.00
Opp to work with other students in groups or teams	1.05	1.05	1.05
Courses in your major area	1.04	0.95	1.16
Quality of the education received at IUPUI	1.03	0.96	1.12
Quality of teaching by faculty in major area	0.97	0.96	0.98
Opp to integrate learning w/ own personal experiences	0.97	0.88	1.10
The helpfulness of IUPUI staff in general	0.87	0.81	0.95
Academic advising in your major department	0.79	0.83	0.75
Opp to increase your self-understanding	0.73	0.63	0.85
Quality of teaching by other faculty at IUPUI	0.70	0.64	0.77
Required courses outside your major	0.65	0.55	0.80
Opp to engage in extra-curricular activities	0.33	0.21	0.49
Opp to engage in community services	0.16	0.13	0.21
Opp to participate in faculty members' research	0.15	0.19	0.10

[d] Responses provided on a 5-point scale where -2=Very Dissatisfied, -1=Dissatisfied, 0=Neutral, 1=Satisfied, and 2=Very Satisfied. See next page for frequencies and percentages for these items.

Note: Differences in bold mean values are statistically significant at p< .05 as indicated by the non-overlap of bars in the adjacent chart.

See text box at the beginning of the report for further discussion of this significance criteria compared to the traditional t-test.

Satisfaction with IUPUI Experience (Bachelors)

Indicate your level of satisfaction with IUPUI in the areas of...	Number of Respondents					Percentage				
	Very Dissatisfied	Dissatisfied	Neutral	Satisfied	Very Satisfied	Very Dissatisfied	Dissatisfied	Neutral	Satisfied	Very Satisfied
Overall quality of education received at IUPUI	1	4	10	47	18	1%	5%	13%	59%	23%
Quality of teaching by faculty in your major area	2	6	7	43	22	3%	8%	9%	54%	28%
Quality of teaching by other faculty at IUPUI	0	7	18	52	3	0%	9%	23%	65%	4%
Academic advising in your major department	4	5	16	31	24	5%	6%	20%	39%	30%
Courses in your major area	1	6	5	52	16	1%	8%	6%	65%	20%
Required courses outside your major area	2	3	25	49	1	3%	4%	31%	61%	1%
Personal attention from those in your major department	5	2	7	31	35	6%	3%	9%	39%	44%
Opportunities to increase your self-understanding	2	7	21	37	12	3%	9%	27%	47%	15%
Opportunities to work with other students in groups or teams	1	2	12	42	23	1%	3%	15%	53%	29%
Opportunities to integrate learning with personal experience	4	2	11	46	17	5%	3%	14%	58%	21%
Opportunities to engage in community services	3	7	48	21	1	4%	9%	60%	26%	1%
Opportunities to engage in extra-curricular activities	2	6	47	23	2	3%	8%	59%	29%	3%
Opportunities to participate in faculty members' research	5	7	39	26	3	6%	9%	49%	33%	4%
The helpfulness of IUPUI staff in general	2	2	16	49	11	3%	3%	20%	61%	14%

Satisfaction with IUPUI Experience (Associates)

Indicate your level of satisfaction with IUPUI in the areas of...	Number of Respondents					Percentage				
	Very Dissatisfied	Dissatisfied	Neutral	Satisfied	Very Satisfied	Very Dissatisfied	Dissatisfied	Neutral	Satisfied	Very Satisfied
Overall quality of education received at IUPUI	0	3	1	42	14	0%	5%	2%	70%	23%
Quality of teaching by faculty in your major area	0	2	12	32	15	0%	3%	20%	52%	25%
Quality of teaching by other faculty at IUPUI	0	3	17	32	9	0%	5%	28%	52%	15%
Academic advising in your major department	3	7	9	25	17	5%	11%	15%	41%	28%
Courses in your major area	0	1	6	36	18	0%	2%	10%	59%	30%
Required courses outside your major area	0	3	16	30	10	0%	5%	27%	51%	17%
Personal attention from those in your major department	1	3	10	28	19	2%	5%	16%	46%	31%
Opportunities to increase your self-understanding	0	2	20	23	15	0%	3%	33%	38%	25%
Opportunities to work with other students in groups or teams	0	1	14	27	19	0%	2%	23%	44%	31%
Opportunities to integrate learning with personal experience	0	2	10	28	20	0%	3%	17%	47%	33%
Opportunities to engage in community services	1	2	44	11	3	2%	3%	72%	18%	5%
Opportunities to engage in extra-curricular activities	0	0	38	16	7	0%	0%	62%	26%	11%
Opportunities to participate in faculty members' research	1	8	40	8	4	2%	13%	66%	13%	7%
The helpfulness of IUPUI staff in general	1	2	6	42	10	2%	3%	10%	69%	16%

Importance of Aspects of IUPUI Experience (Bachelors)

Indicate the importance of the following:	Number of Respondents					Percentage				
	Very Unimportant	Unimportant	Neutral	Important	Very Important	Very Unimportant	Unimportant	Neutral	Important	Very Important
Overall quality of education received at IUPUI	2	1	1	24	49	3%	1%	1%	31%	64%
Quality of teaching by faculty in your major area	1	2	1	19	54	1%	3%	1%	25%	70%
Quality of teaching by other faculty at IUPUI	2	1	12	36	26	3%	1%	16%	47%	34%
Academic advising in your major department	2	0	4	26	45	3%	0%	5%	34%	58%
Courses in your major area	1	0	3	17	56	1%	0%	4%	22%	73%
Required courses outside your major area	2	1	30	31	13	3%	1%	39%	40%	17%
Personal attention from those in your major department	1	2	7	30	37	1%	3%	9%	39%	48%
Opportunities to increase your self-understanding	3	2	17	32	22	4%	3%	22%	42%	29%
Opportunities to work with other students in groups or teams	1	3	15	34	24	1%	4%	19%	44%	31%
Opportunities to integrate learning with personal experience	1	0	8	39	29	1%	0%	10%	51%	38%
Opportunities to engage in community services	5	7	42	16	7	6%	9%	55%	21%	9%
Opportunities to engage in extra-curricular activities	2	11	39	21	4	3%	14%	51%	27%	5%
Opportunities to participate in faculty members' research	2	7	43	19	6	3%	9%	56%	25%	8%
The helpfulness of IUPUI staff in general	1	2	11	33	30	1%	3%	14%	43%	39%

Importance of Aspects of IUPUI Experience (Associates)

Indicate the importance of the following:	Number of Respondents					Percentage				
	Very Unimportant	Unimportant	Neutral	Important	Very Important	Very Unimportant	Unimportant	Neutral	Important	Very Important
Overall quality of education received at IUPUI	0	0	0	20	40	0%	0%	0%	33%	67%
Quality of teaching by faculty in your major area	0	0	1	17	42	0%	0%	2%	28%	70%
Quality of teaching by other faculty at IUPUI	2	1	11	27	19	3%	2%	18%	45%	32%
Academic advising in your major department	0	2	7	23	28	0%	3%	12%	38%	47%
Courses in your major area	0	0	0	22	38	0%	0%	0%	37%	63%
Required courses outside your major area	3	2	13	29	12	5%	3%	22%	49%	20%
Personal attention from those in your major department	0	0	10	23	27	0%	0%	17%	38%	45%
Opportunities to increase your self-understanding	0	0	17	23	19	0%	0%	29%	39%	32%
Opportunities to work with other students in groups or teams	0	7	12	26	15	0%	12%	20%	43%	25%
Opportunities to integrate learning with personal experience	0	1	10	22	26	0%	2%	17%	37%	44%
Opportunities to engage in community services	1	7	29	18	5	2%	12%	48%	30%	8%
Opportunities to engage in extra-curricular activities	3	5	33	12	7	5%	8%	55%	20%	12%
Opportunities to participate in faculty members' research	0	9	34	12	5	0%	15%	57%	20%	8%
The helpfulness of IUPUI staff in general	0	0	3	33	24	0%	0%	5%	55%	40%

Alumni Ratings of Importance with IUPUI Experience[e]

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

	Bach	Assoc

Indicate how important the following areas are to you:	Average Importance Rating		
	TOTAL	BACH	ASSOC
Courses in your major area	1.64	1.65	1.63
Quality of teaching by faculty in major area	1.64	1.60	1.68
Quality of the education received at IUPUI	1.58	1.52	1.67
Academic advising in your major department	1.38	1.45	1.28
Personal attention from those in major	1.29	1.30	1.28
The helpfulness of IUPUI staff in general	1.24	1.16	1.35
Opp to integrate learning w/ own personal experiences	1.24	1.23	1.24
Quality of teaching by other faculty at IUPUI	1.04	1.08	1.00
Opp to increase your self-understanding	0.96	0.89	1.03
Opp to work with other students in groups or teams	0.92	1.00	0.82
Required courses outside your major	0.71	0.68	0.76
Opp to participate in faculty members' research	0.24	0.26	0.22
Opp to engage in community services	0.23	0.17	0.32
Opp to engage in extra-curricular activities	0.21	0.18	0.25

[e] 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.

Note: Differences in bold mean values are statistically significant at p< .05 as indicated by the non-overlap of bars in the adjacent chart.

See text box at the beginning of the report for further discussion of this significance criteria compared to the traditional t-test.
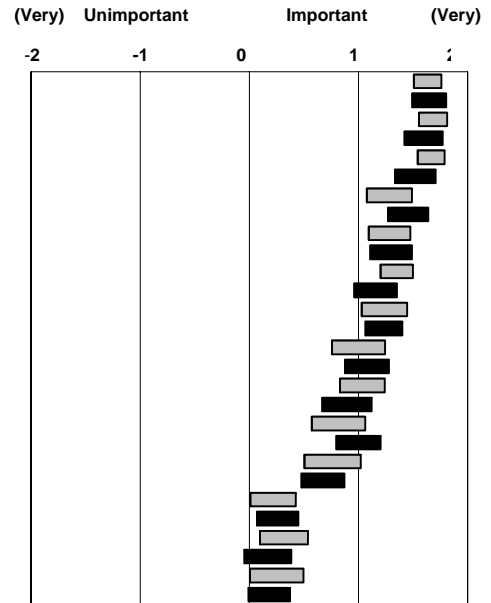
## Alumni Ratings of Satisfaction and Importance[c,d]

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

Importance

Item	Satisfaction		
	TOTAL	BACH	ASSOC
Personal attention from those in major	1.06	1.11	1.00
Opp to work with other students in groups or teams	1.05	1.05	1.05
Courses in your major area	1.04	0.95	1.16
Quality of the education received at IUPUI	1.03	0.96	1.12
Quality of teaching by faculty in major area	0.97	0.96	0.98
Opp to integrate learning w/ own personal experiences	0.97	0.88	1.10
The helpfulness of IUPUI staff in general	0.87	0.81	0.95
Academic advising in your major department	0.79	0.83	0.75
Opp to increase your self-understanding	0.73	0.63	0.85
Quality of teaching by other faculty at IUPUI	0.70	0.64	0.77
Required courses outside your major	0.65	0.55	0.80
Opp to engage in extra-curricular activities	0.33	0.21	0.49
Opp to engage in community services	0.16	0.13	0.21
Opp to participate in faculty members' research	0.15	0.19	0.10

[d] 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. Reported values are averages of valid responses.

eResponses for the importance items provided on a 5-point scale, where
-2=Very Unimportant, -1=Unimportant, 0=Neutral, 1=Important, and 2=Very Important.
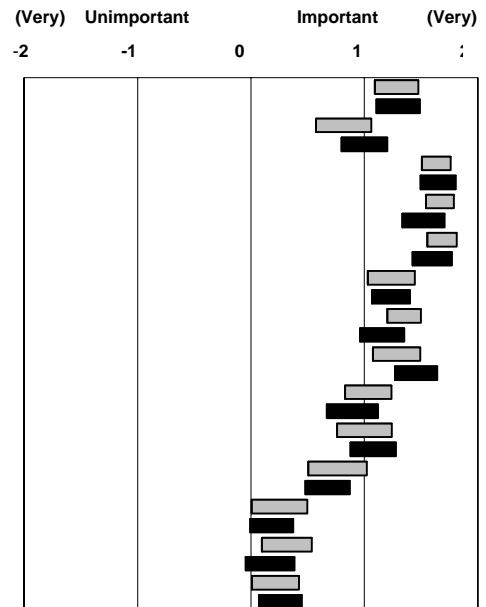
Comparative Analysis

Comparisons between Engineering & Technology associate degree graduates and all other IUPUI associate degree graduates.

Impact of IUPUI on Alumni Learning - Current Ability

Rate your current ability level in the area of…[a]	EGTC Means	All other Associates	Difference in Means	Significance
Reading and understanding books, articles, and instruction manuals	4.55	4.48	0.07	
Solving mathematical problems	3.97	3.74	0.22	
Using the computer applications that are most common to my field of work or study	4.39	4.11	0.27	*
Finding useful information on the Internet for work-related projects	4.36	4.14	0.22	
Writing clearly and effectively	4.08	4.26	-0.18	
Speaking clearly and effectively	4.02	4.30	-0.28	*
Working as part of a team to solve problems	4.23	4.33	-0.10	
Preparing a presentation that I will deliver to a group	3.82	3.78	0.04	
Writing a final report on a project or other work assignment	3.92	3.85	0.07	
Understanding a statistical report	3.47	3.37	0.10	
Thinking critically and analytically	4.34	4.18	0.17	
Evaluating other people's ideas and proposed solutions	4.18	4.10	0.08	
Systematically reviewing and improving my ideas about how to approach an issue/problem	3.92	4.11	-0.19	
Creatively thinking about new ideas or ways to improve existing things	4.00	4.13	-0.13	
Discussing complex problems with co-workers to develop a better solution	4.13	4.16	-0.03	
Applying what I learned in college to issues and problems I face every day	4.11	4.04	0.07	
Gathering information from a variety of sources when deciding what action to take	4.13	4.14	-0.01	
Finding new ways to use my skills & knowledge as I encounter new situations/problems	4.10	4.14	-0.05	
Doing research on an issue or topic before I plan a course of action	3.95	3.94	0.02	
Putting ideas together in new ways	3.70	3.96	-0.26	*
Having a general understanding of subjects other than the one in which I majored	3.89	3.99	-0.10	
Learning independently	4.33	4.36	-0.04	
Learning new approaches to my work or to advanced studies	3.93	4.11	-0.18	
Trying different approaches to solving a problem	3.97	4.05	-0.08	
Managing many different tasks and obligations at the same time	4.16	4.31	-0.15	
Having an in-depth understanding of my major field of study	3.93	4.08	-0.15	
Dealing with conflict among co-workers and friends	3.79	3.95	-0.17	
Working effectively with people of different races, ethnicities, and religions	4.46	4.50	-0.04	
Communicating effectively with people who see things differently than I do	3.90	4.16	-0.25	*
Keeping my composure in difficult situations	3.92	4.14	-0.23	
Exercising responsibilities as a citizen (voting, staying current w/comm. & political issues)	4.03	3.72	0.31	
Making informed judgments when faced with ethical dilemmas	4.18	4.10	0.08	
Recognizing the consequences of my actions when facing a conflict	4.33	4.29	0.04	
Making choices about my conduct based on thoughtful reasoning about what is appropriate	4.42	4.40	0.01	

[a] *Scale: 1=Low Ability Level, 3=Medium Ability Level, and 5=High Ability Level.*

denotes a statistically significant difference between your associate degree graduates and all other associate degree graduates at p<.05.

Impact of IUPUI on Alumni Learning - Importance to Goals

Indicate how important your ability level is to your goals in the following areas… [b]	EGTC Means	All other Associates	Difference in Means	Significance
Reading and understanding books, articles, and instruction manuals	4.42	4.42	0.00	
Solving mathematical problems	3.56	3.54	0.02	
Using the computer applications that are most common to my field of work or study	4.53	4.21	0.32	*
Finding useful information on the Internet for work-related projects	4.00	3.99	0.01	
Writing clearly and effectively	4.26	4.39	-0.13	
Speaking clearly and effectively	4.42	4.52	-0.10	
Working as part of a team to solve problems	4.30	4.38	-0.08	
Preparing a presentation that I will deliver to a group	3.92	3.60	0.32	
Writing a final report on a project or other work assignment	3.87	3.53	0.35	
Understanding a statistical report	3.39	3.52	-0.13	
Thinking critically and analytically	4.56	4.34	0.22	
Evaluating other people's ideas and proposed solutions	4.32	4.20	0.13	
Systematically reviewing and improving my ideas about how to approach an issue/problem	4.47	4.34	0.13	
Creatively thinking about new ideas or ways to improve existing things	4.50	4.32	0.18	
Discussing complex problems with co-workers to develop a better solution	4.52	4.34	0.18	
Applying what I learned in college to issues and problems I face every day	4.15	4.13	0.02	
Gathering information from a variety of sources when deciding what action to take	4.26	4.23	0.03	
Finding new ways to use my skills & knowledge as I encounter new situations/problems	4.42	4.38	0.04	
Doing research on an issue or topic before I plan a course of action	4.02	3.94	0.07	
Putting ideas together in new ways	4.05	4.12	-0.07	
Having a general understanding of subjects other than the one in which I majored	3.98	3.97	0.02	
Learning independently	4.33	4.37	-0.04	
Learning new approaches to my work or to advanced studies	4.22	4.27	-0.06	
Trying different approaches to solving a problem	4.34	4.30	0.05	
Managing many different tasks and obligations at the same time	4.66	4.56	0.09	
Having an in-depth understanding of my major field of study	4.21	4.33	-0.12	
Dealing with conflict among co-workers and friends	4.13	4.25	-0.12	
Working effectively with people of different races, ethnicities, and religions	4.30	4.52	-0.22	
Communicating effectively with people who see things differently than I do	4.36	4.55	-0.18	
Keeping my composure in difficult situations	4.43	4.54	-0.10	
Exercising responsibilities as a citizen (voting, staying current w/comm. & political issues)	3.60	3.80	-0.20	
Making informed judgments when faced with ethical dilemmas	4.18	4.32	-0.14	
Recognizing the consequences of my actions when facing a conflict	4.33	4.44	-0.11	
Making choices about my conduct based on thoughtful reasoning about what is appropriate	4.40	4.46	-0.06	

[b] Scale: 1=Low Importance to Goals, 3=Medium Importance to Goals, 5=High Importance to Goals.

*denotes a statistically significant difference between your associate degree graduates and all other associate degree graduates at $p<.05$.

Satisfaction with IUPUI Experience

Indicate your level of satisfaction with IUPUI in the areas of... [c]	EGTC Means	All other Associates	Difference in Means	Significance
Overall quality of the education you received at IUPUI	1.12	1.24	-0.13	
Quality of teaching by faculty in your major area	0.98	1.10	-0.12	
Quality of teaching by other faculty at IUPUI	0.77	0.81	-0.04	
Academic advising in your major department	0.75	0.77	-0.01	
Courses in your major area	1.16	1.13	0.03	
Required courses outside your major area	0.80	0.77	0.03	
Personal attention from those in your major department	1.00	0.91	0.09	
Opportunities to increase your self-understanding	0.85	0.90	-0.05	
Opportunities to work with other students in groups or teams	1.05	0.83	0.22	
Opportunities to integrate what you have learned with personal experiences	1.10	1.07	0.03	
Opportunities to engage in community services	0.21	0.46	-0.25	*
Opportunities to engage in extra-curricular activities	0.49	0.29	0.20	
Opportunities to participate in faculty members' research	0.10	0.10	0.00	
The helpfulness of IUPUI staff in general	0.95	0.95	0.00	

[c] *Scale: -2=Very Dissatisfied, -1=Dissatisfied, 0=Neutral, 1=Satisfied, 2=Very Satisfied.*

*denotes a statistically significant difference between your associate degree graduates and all other associate degree graduates at p<.05.

Importance of Aspects of IUPUI Experience

Indicate the importance of the following: [d]	EGTC Means	All other Associates	Difference in Means	Significance
Overall quality of the education you received at IUPUI	1.67	1.63	0.04	
Quality of teaching by faculty in your major area	1.68	1.66	0.02	
Quality of teaching by other faculty at IUPUI	1.00	1.32	-0.32	*
Academic advising in your major department	1.28	1.32	-0.04	
Courses in your major area	1.63	1.58	0.06	
Required courses outside your major area	0.76	1.06	-0.29	*
Personal attention from those in your major department	1.28	1.32	-0.04	
Opportunities to increase your self-understanding	1.03	1.16	-0.12	
Opportunities to work with other students in groups or teams	0.82	0.77	0.05	
Opportunities to integrate what you have learned with personal experiences	1.24	1.19	0.05	
Opportunities to engage in community services	0.32	0.52	-0.21	
Opportunities to engage in extra-curricular activities	0.25	0.32	-0.07	
Opportunities to participate in faculty members' research	0.22	0.24	-0.02	
The helpfulness of IUPUI staff in general	1.35	1.42	-0.07	

[d] *Scale: -2=Very Unimportant, -1=Unimportant, 0=Neutral, 1=Important, 2=Very Important.*

*denotes a statistically significant difference between your associate degree graduates and all other associate degree graduates at p<.05.

Campus Climate for Diversity

How often you have experienced each of the following at IUPUI … [e]	EGTC Means	All other Associates	Difference in Means	Significance
Socialized with students from backgrounds different than your own	2.58	2.54	0.04	
Participated in classsroom discussions that included contributions from students from diverse backgrounds	2.70	2.59	0.11	
Had classroom experiences that enhanced the understanding of people from diverse backgrounds	1.92	2.25	-0.34	*
Took a class that increased your understanding of multiculturism and diversity	1.16	1.69	-0.53	*
Attended campus events & activities that increased your understanding of diversity	0.64	0.81	-0.17	
Saw or read racist, antigay or sexist material on campus	0.74	0.53	0.21	
Felt a sense of negative conflict between diverse groups on campus	0.49	0.65	-0.16	

[e] Scale: 0=Never 1=Rarely 2=Sometimes 3=Often 4=Very Often

*denotes a statistically significant difference between your associate degree graduates and all other associate degree graduates at p<.05.

Comparisons between Engineering and Technology bachelor degree graduates and all other IUPUI bachelor degree graduates.

Impact of IUPUI on Alumni Learning - Current Ability

Rate your current ability level in the area of…[a]	EGTC Means	All other Bachelors	Difference in Means	Significance
Reading and understanding books, articles, and instruction manuals	4.56	4.54	0.02	
Solving mathematical problems	4.28	3.78	0.51	*
Using the computer applications that are most common to my field of work or study	4.26	4.19	0.07	
Finding useful information on the Internet for work-related projects	4.38	4.38	0.00	
Writing clearly and effectively	4.22	4.36	-0.14	
Speaking clearly and effectively	4.09	4.27	-0.19	
Working as part of a team to solve problems	4.32	4.41	-0.10	
Preparing a presentation that I will deliver to a group	3.80	3.99	-0.19	
Writing a final report on a project or other work assignment	3.89	4.12	-0.23	*
Understanding a statistical report	3.73	3.49	0.24	*
Thinking critically and analytically	4.41	4.25	0.15	
Evaluating other people's ideas and proposed solutions	4.10	4.17	-0.08	
Systematically reviewing and improving my ideas about how to approach an issue/problem	4.04	4.13	-0.09	
Creatively thinking about new ideas or ways to improve existing things	4.05	4.17	-0.12	
Discussing complex problems with co-workers to develop a better solution	4.05	4.16	-0.11	
Applying what I learned in college to issues and problems I face every day	3.94	4.08	-0.14	
Gathering information from a variety of sources when deciding what action to take	4.21	4.24	-0.03	
Finding new ways to use my skills & knowledge as I encounter new situations/problems	4.10	4.16	-0.06	
Doing research on an issue or topic before I plan a course of action	4.04	4.08	-0.05	
Putting ideas together in new ways	3.85	4.01	-0.16	
Having a general understanding of subjects other than the one in which I majored	3.84	4.08	-0.25	*
Learning independently	4.28	4.40	-0.13	
Learning new approaches to my work or to advanced studies	4.06	4.07	-0.01	
Trying different approaches to solving a problem	4.16	4.09	0.07	
Managing many different tasks and obligations at the same time	4.16	4.36	-0.20	*
Having an in-depth understanding of my major field of study	3.99	4.06	-0.08	
Dealing with conflict among co-workers and friends	3.79	4.02	-0.24	*
Working effectively with people of different races, ethnicities, and religions	4.44	4.57	-0.14	
Communicating effectively with people who see things differently than I do	3.95	4.17	-0.22	*
Keeping my composure in difficult situations	4.03	4.14	-0.11	
Exercising responsibilities as a citizen (voting, staying current w/comm. & political issues)	3.81	3.85	-0.04	
Making informed judgments when faced with ethical dilemmas	4.13	4.23	-0.11	
Recognizing the consequences of my actions when facing a conflict	4.28	4.37	-0.09	
Making choices about my conduct based on thoughtful reasoning about what is appropriate	4.31	4.42	-0.11	

[a] *Scale: 1=Low Ability Level, 3=Medium Ability Level, and 5=High Ability Level.*

* *denotes a statistically significant difference between your bachelor degree graduates and all other bachelor degree graduates at p<.05.*

Impact of IUPUI on Alumni Learning - Importance to Goals

Indicate how important your ability level is to your goals in the following areas… [b]	EGTC Means	All other Bachelors	Difference in Means	Significance
Reading and understanding books, articles, and instruction manuals	4.47	4.56	-0.09	
Solving mathematical problems	4.05	3.43	0.62	*
Using the computer applications that are most common to my field of work or study	4.60	4.35	0.26	*
Finding useful information on the Internet for work-related projects	4.06	4.14	-0.08	
Writing clearly and effectively	4.46	4.58	-0.12	
Speaking clearly and effectively	4.41	4.68	-0.27	*
Working as part of a team to solve problems	4.46	4.50	-0.04	
Preparing a presentation that I will deliver to a group	3.93	4.04	-0.11	
Writing a final report on a project or other work assignment	3.81	3.92	-0.11	
Understanding a statistical report	3.59	3.55	0.03	
Thinking critically and analytically	4.65	4.57	0.07	
Evaluating other people's ideas and proposed solutions	4.37	4.32	0.05	
Systematically reviewing and improving my ideas about how to approach an issue/problem	4.39	4.49	-0.09	
Creatively thinking about new ideas or ways to improve existing things	4.49	4.53	-0.05	
Discussing complex problems with co-workers to develop a better solution	4.44	4.44	0.00	
Applying what I learned in college to issues and problems I face every day	3.95	4.14	-0.19	
Gathering information from a variety of sources when deciding what action to take	4.26	4.37	-0.11	
Finding new ways to use my skills & knowledge as I encounter new situations/problems	4.39	4.48	-0.09	
Doing research on an issue or topic before I plan a course of action	4.16	4.16	0.01	
Putting ideas together in new ways	4.03	4.25	-0.22	*
Having a general understanding of subjects other than the one in which I majored	4.09	4.17	-0.08	
Learning independently	4.42	4.53	-0.11	
Learning new approaches to my work or to advanced studies	4.30	4.39	-0.08	
Trying different approaches to solving a problem	4.34	4.41	-0.07	
Managing many different tasks and obligations at the same time	4.67	4.70	-0.03	
Having an in-depth understanding of my major field of study	4.35	4.38	-0.02	
Dealing with conflict among co-workers and friends	4.08	4.25	-0.17	
Working effectively with people of different races, ethnicities, and religions	4.28	4.51	-0.23	*
Communicating effectively with people who see things differently than I do	4.43	4.55	-0.12	
Keeping my composure in difficult situations	4.53	4.60	-0.07	
Exercising responsibilities as a citizen (voting, staying current w/comm. & political issues)	3.78	3.91	-0.13	
Making informed judgments when faced with ethical dilemmas	4.14	4.41	-0.26	*
Recognizing the consequences of my actions when facing a conflict	4.33	4.53	-0.20	*
Making choices about my conduct based on thoughtful reasoning about what is appropriate	4.38	4.55	-0.17	

[b] Scale: 1=Low Importance to Goals, 3=Medium Importance to Goals, 5=High Importance to Goals.

*denotes a statistically significant difference between your bachelor degree graduates and all other bachelor degree graduates at p<.05.

Satisfaction with IUPUI Experience

Indicate your level of satisfaction with IUPUI in the areas of… [c]	EGTC Means	All other Bachelors	Difference in Means	Significance
Overall quality of the education you received at IUPUI	0.96	1.12	-0.16	
Quality of teaching by faculty in your major area	0.96	1.10	-0.14	
Quality of teaching by other faculty at IUPUI	0.64	0.83	-0.19	*
Academic advising in your major department	0.83	0.46	0.36	*
Courses in your major area	0.95	1.02	-0.07	
Required courses outside your major area	0.55	0.72	-0.17	
Personal attention from those in your major department	1.11	0.85	0.26	*
Opportunities to increase your self-understanding	0.63	0.80	-0.16	
Opportunities to work with other students in groups or teams	1.05	1.02	0.03	
Opportunities to integrate what you have learned with personal experiences	0.88	0.99	-0.11	
Opportunities to engage in community services	0.13	0.41	-0.28	*
Opportunities to engage in extra-curricular activities	0.21	0.31	-0.10	
Opportunities to participate in faculty members' research	0.19	0.07	0.12	
The helpfulness of IUPUI staff in general	0.81	0.79	0.02	

[c] *Scale: -2=Very Dissatisfied, -1=Dissatisfied, 0=Neutral, 1=Satisfied, 2=Very Satisfied.*

*denotes a statistically significant difference between your bachelor degree graduates and all other bachelor degree graduates at p<.05.

Importance of Aspects of IUPUI Experience

Indicate the importance of the following: [d]	EGTC Means	All other Bachelors	Difference in Means	Significance
Overall quality of the education you received at IUPUI	1.52	1.66	-0.14	
Quality of teaching by faculty in your major area	1.60	1.70	-0.10	
Quality of teaching by other faculty at IUPUI	1.08	1.29	-0.21	*
Academic advising in your major department	1.45	1.39	0.07	
Courses in your major area	1.65	1.62	0.03	
Required courses outside your major area	0.68	0.91	-0.23	*
Personal attention from those in your major department	1.30	1.34	-0.04	
Opportunities to increase your self-understanding	0.89	1.14	-0.25	*
Opportunities to work with other students in groups or teams	1.00	0.89	0.11	
Opportunities to integrate what you have learned with personal experiences	1.23	1.19	0.04	
Opportunities to engage in community services	0.17	0.56	-0.39	*
Opportunities to engage in extra-curricular activities	0.18	0.37	-0.19	
Opportunities to participate in faculty members' research	0.26	0.29	-0.03	
The helpfulness of IUPUI staff in general	1.16	1.29	-0.13	

[d] *Scale: -2=Very Unimportant, -1=Unimportant, 0=Neutral, 1=Important, 2=Very Important.*

*denotes a statistically significant difference between your bachelor degree graduates and all other bachelor degree graduates at p<.05.

Campus Climate for Diversity

How often you have experienced each of the following at IUPUI … [e]	EGTC Means	All other Bachelors	Difference in Means	Significance
Socialized with students from backgrounds different than your own	2.94	2.80	0.14	
Participated in classsroom discussions that included contributions from students from diverse backgrounds	2.85	2.93	-0.08	
Had classroom experiences that enhanced the understanding of people from diverse backgrounds	2.08	2.63	-0.56	*
Took a class that increased your understanding of multiculturism and diversity	1.42	2.28	-0.86	*
Attended campus events & activities that increased your understanding of diversity	0.81	1.01	-0.20	
Saw or read racist, antigay or sexist material on campus	0.62	0.76	-0.14	
Felt a sense of negative conflict between diverse groups on campus	0.65	0.74	-0.09	

[e] *Scale: 0=Never 1=Rarely 2=Sometimes 3=Often 4=Very Often*

[*] *denotes a statistically significant difference between your bachelor degree graduates and all other bachelor degree graduates at p<.05.*

Addendum - Employment

Occupation - Bachelors

	N	%	
Engineer, Surveyor, Architect	29	40%	
Computer Scientist, Programmer	18	25%	
Administrator/Manager	5	7%	
Operations & Sys Researcher	4	5%	
Administrative Support Occupations	3	4%	
Teacher/Faculty	2	3%	
General Mgr/Business Exec/Owner	2	3%	
Marketing & Sales Occupations	2	3%	
Personnel & Labor	2	3%	
Life & Physical Scientist/Researcher	2	3%	
Service Occupations	1	1%	
Other	3	4%	

Occupation - Associates

	N	%	
Engineer, Surveyor, Architect	10	18%	
Computer Scientist, Programmer	9	16%	
Administrator/Manager	5	9%	
Marketing & Sales Occupations	5	9%	
Operations & Sys Researcher	4	7%	
General Mgr/Business Exec/Owner	3	5%	
Financial Administration or Mgt	3	5%	
Health Practitioner/Technologist	2	4%	
Life & Physical Scientist/Researcher	2	4%	
Service Occupations	2	4%	
Accountant & Auditor	2	4%	
Other	10	18%	

Business/Industry - Bachelors

	N	%	
Manufacturing	19	26%	
Engineering/Architectural Services	12	17%	
Financial Inst/Insurance/Real Estate	8	11%	
Computer/Data Processing Svcs	6	8%	
Education	3	4%	
Legal Services	2	3%	
Construction	2	3%	
Transportation	2	3%	
Accounting, Auditing, Bookkeeping	2	3%	
Libraries, Museums, Galleries	2	3%	
Other	14	19%	

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

Addendum - Employment (cont'd)

Business/Industry - Associates

	N	%	
Manufacturing	13	23%	
Construction	6	11%	
Education	5	9%	
Transportation	5	9%	
Wholesale Trade/Retail Trade	4	7%	
Computer/Data Processing Svcs	3	5%	
Engineering/Architectural Services	3	5%	
Health/Medical Services	2	4%	
Accounting, Auditing, Bookkeeping	2	4%	
Hotels/Lodging/Restaurant	1	2%	
Other	12	21%	

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

Employer - Bachelors

	N	%	
Rolls-Royce	4	25%	
Cinergy Corp.	3	19%	
Integral Technologies	3	19%	
Sallie Mae	2	13%	
Eli Lilly & Co	2	13%	
Department of Defense	2	13%	

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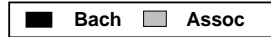
Employer - Associates

	N	%	
IUPUI	3	30%	
Roche Diagnostics Corporation	3	30%	
Rolls-Royce	2	20%	
Eli Lilly	2	20%	

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

Addendum - Demographics

Sample Demographics

Sex

| Bach | Assoc |

	TOTAL		BACH		ASSOC	
	N	%	N	%	N	%
Female	50	34%	30	36%	20	32%
Male	95	66%	53	64%	42	68%

Age*

	TOTAL	BACH	ASSOC
	31.9	30.8	33.0

* Reported as averages.

Degree Type

	N	%
BACH	83	57%
ASSOC	44	30%
CERT	18	12%

GPA*

	TOTAL	BACH	ASSOC
	3.2	3.2	3.2

* Reported as averages.

Ethnicity

	TOTAL		BACH		ASSOC	
	N	%	N	%	N	%
Asian or Pacific Islander	6	4%	5	6%	1	2%
African American	14	10%	7	9%	7	11%
Hispanic	4	3%	3	4%	1	2%
American Indian/Alaskan Native	1	1%	0	0%	1	2%
Non-resident Alien	1	1%	1	1%	0	0%
White, non-Hispanic	115	80%	64	79%	51	82%
Other American	2	1%	1	1%	1	2%
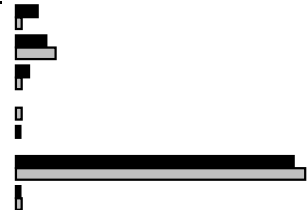
Addendum - Educational Pursuits

Institution - Bachelors

	N	%	
IUPUI	4	100%	████████████████

Institution - Associates

	N	%	
IUPUI	15	79%	████████████
Purdue University	2	11%	██
Indiana Wesleyan	2	11%	██

Field of Study - Bachelors

	N	%
None reported		

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

Addendum - Educational Pursuits (cont'd)

Field of Study - Associates

	N	%	
Computer Technology	7	64%	███████████
MET	2	18%	███
Engineering & Technology	2	18%	███

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