Results of the Alumni Survey for
2002-2003 Undergraduate Degree Recipients

for

School of Science

Alumni Profile
and
Comparative Analysis

12/10/2004

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, 2002-2003 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 <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 76 Alumni.

Employment

Current Employment Status

	N	%
Working full- or part-time	62	83%
Not working but looking for work	4	5%
Not working and not looking	9	12%
On active duty in the armed forces	0	0%
Total	75	100%

Working in Indiana

	N	%
Yes	53	85%
No	9	15%

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)	55	90%
Working part-time	6	10%
Average hours/week worked	39.8	

Worked with Current Employer Six Months Prior to Receiving Degree

	N	%
Yes	22	46%
No	26	54%
If yes, a raise or promotion received?		
Yes	*11*	*50%*
No	*11*	*50%*
Did Alumni's first job after graduating require a college degree?		
Yes	*31*	*67%*
No	*15*	*33%*
How many weeks to get the first new job after completing degree?		
0 - 4	*38*	*79%*
5 - 16	*10*	*21%*
17 - 24	*0*	*0%*
25 - 52	*0*	*0%*
Over 52	*0*	*0%*

How Closely Does Current Job Relate to Major

	N	%
Directly Related	26	43%
Somewhat Related	20	33%
Not Related	15	25%

How Well IUPUI Education Prepared Alumni for Current Job

	N	%	
Very Well	15	24%	
Somewhat Well	38	60%	
Not at all Well	10	16%	

How Well IUPUI Education Has Enhanced Future Prospects

	N	%	
Very Well	32	51%	
Somewhat Well	28	44%	
Not at all Well	3	5%	

Current Salary

	N	%	
$50,000 or above	3	5%	
$45,000 to $49,999	3	5%	
$40,000 to $44,999	5	8%	
$35,000 to $39,999	4	7%	
$30,000 to $34,999	11	19%	
$25,000 to $29,999	11	19%	
$20,000 to $24,999	17	29%	
Under $20,000	5	8%	

Median salary range is bolded.

Reported salaries are of respondents working full-time.

Educational Pursuits

Current Educational Status

	N	%	
TOTAL ENROLLED	31	41%	
Enrolled full-time in degree prog.	20	26%	
Enrolled part-time in degree prog.	10	13%	
Enrolled in courses only	1	1%	
Not presently enrolled but plan to	36	47%	
Not presently enrolled, no plans to	9	12%	

Degree Pursued

	N	%	
Certificate	0	0%	
Associate	0	0%	
Bachelor	2	20%	
Master	5	50%	
Doctorate	0	0%	
Professional Degree	3	30%	

Likelihood of Pursuing Education at IUPUI

	N	%	
Currently doing so	14	19%	
Very likely	18	24%	
Somewhat likely	19	25%	
Not very likely	24	32%	

IUPUI Image

Would Alumni Encourage Someone Who Wanted to Attend IUPUI

	N	%	
Strongly encourage	25	35%	
Encourage	32	45%	
Neither encourage nor discourage	13	18%	
Discourage	0	0%	
Strongly discourage	1	1%	

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.[a,b]

	Ability[a]	Importance[b]
Reading and understanding books, articles, and instruction manuals	4.55	4.36
Learning independently	4.53	4.46
Finding useful information on the Internet for work-related projects	4.49	4.13
Making choices about my conduct based on thoughtful reasoning about what is appropriate	4.49	4.58
Writing clearly and effectively	4.47	4.52
Working as part of a team to solve problems	4.47	4.47
Managing many different tasks and obligations at the same time	4.46	4.66
Working effectively with people of different races, ethnicities, and religions	4.45	4.53
Using the computer applications that are most common to my field of work or study	4.37	4.20
Making informed judgments when faced with ethical dilemmas	4.35	4.50
Recognizing the consequences of my actions when facing a conflict	4.35	4.54
Thinking critically and analytically	4.34	4.56
Gathering information from a variety of sources when deciding what action to take	4.32	4.31
Speaking clearly and effectively	4.24	4.57
Evaluating other people's ideas and proposed solutions	4.21	4.31
Keeping my composure in difficult situations	4.19	4.61
Trying different approaches to solving a problem	4.18	4.36
Communicating effectively with people who see things differently than I do	4.18	4.47
Writing a final report on a project or other work assignment	4.16	3.96
Systematically reviewing & improving own ideas about how to approach an issue/problem	4.13	4.47
Finding new ways to use my skills and knowledge as I encounter new situations/problems	4.13	4.32
Doing research on an issue or topic before I plan a course of action	4.12	4.08
Creatively thinking about new ideas or ways to improve existing things	4.09	4.36
Dealing with conflict among co-workers and friends	4.08	4.32
Having an in-depth understanding of my major field of study	4.07	3.99
Having a general understanding of subjects other than the one in which I majored	4.05	3.97
Discussing complex problems with co-workers to develop a better solution	4.05	4.39
Putting ideas together in new ways	4.00	4.23
Learning new approaches to my work or to advanced studies	3.99	4.23
Solving mathematical problems	3.97	3.44
Applying what I learned in college to issues and problems I face every day	3.93	4.00
Preparing a presentation that I will deliver to a group	3.91	4.01
Exercising responsibilities as a citizen (voting, staying current w/comm. & political issues)	3.86	4.18
Understanding a statistical report	3.57	3.42

[a] *Responses provided on a 5-point scale, where 1=Low Ability Level and 5=High Ability Level.*

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

[a,b] *Reported values are averages.*

See next page for frequencies and percentages for these items.

Ability Level (scale 1 Low – 2 – 3 Medium – 4 – 5 High)

Importance to Goals (scale 1 Low – 2 – 3 Medium – 4 – 5 High)

Assessed Ability Level

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	4	26	45	0%	0%	5%	35%	60%
Solving mathematical problems	1	1	19	32	22	1%	1%	25%	43%	29%
Using the computer applications that are most common to my field of work or study	0	1	8	28	38	0%	1%	11%	37%	51%
Finding useful information on the Internet for work-related projects	0	1	7	21	46	0%	1%	9%	28%	61%
Writing clearly and effectively	0	0	6	28	41	0%	0%	8%	37%	55%
Speaking clearly and effectively	0	2	12	27	34	0%	3%	16%	36%	45%
Working as part of a team to solve problems	0	0	2	36	37	0%	0%	3%	48%	49%
Preparing a presentation that I will deliver to a group	0	3	21	31	20	0%	4%	28%	41%	27%
Writing a final report on a project or other work assignment	0	2	11	35	27	0%	3%	15%	47%	36%
Understanding a statistical report	3	5	26	27	13	4%	7%	35%	36%	18%
Thinking critically and analytically	0	1	7	31	34	0%	1%	10%	42%	47%
Evaluating other people's ideas and proposed solutions	0	0	10	39	26	0%	0%	13%	52%	35%
Systematically reviewing & improving my own ideas about how to approach an issue or problem	0	1	16	30	28	0%	1%	21%	40%	37%
Creatively thinking about new ideas or ways to improve existing things	0	1	10	45	19	0%	1%	13%	60%	25%
Discussing complex problems with co-workers to develop a better solution	0	0	17	37	21	0%	0%	23%	49%	28%
Applying what I learned in college to issues and problems I face every day	0	4	18	32	21	0%	5%	24%	43%	28%
Gathering information from a variety of sources when deciding what action to take	0	1	6	36	32	0%	1%	8%	48%	43%
Finding new ways to use my skills & knowledge as I encounter new situations or problems	0	2	8	43	22	0%	3%	11%	57%	29%
Doing research on an issue or topic before I plan a course of action	0	2	12	35	25	0%	3%	16%	47%	34%
Putting ideas together in new ways	0	3	14	37	20	0%	4%	19%	50%	27%
Having a general understanding of subjects other than the one in which I majored	0	1	19	29	25	0%	1%	26%	39%	34%
Learning independently	0	0	3	29	42	0%	0%	4%	39%	57%
Learning new approaches to my work or to advanced studies	0	1	15	41	16	0%	1%	21%	56%	22%
Trying different approaches to solving a problem	0	2	9	37	26	0%	3%	12%	50%	35%
Managing many different tasks and obligations at the same time	0	1	5	27	41	0%	1%	7%	36%	55%
Having an in-depth understanding of my major field of study	0	2	11	41	20	0%	3%	15%	55%	27%
Dealing with conflict among co-workers and friends	0	1	17	31	25	0%	1%	23%	42%	34%
Working effectively with people of different races, ethnicities, and religions	0	0	6	29	39	0%	0%	8%	39%	53%
Communicating effectively with people who see things differently than I do	0	1	10	38	25	0%	1%	14%	51%	34%
Keeping my composure in difficult situations	0	2	13	28	31	0%	3%	18%	38%	42%
Exercising responsibilities as a citizen (voting, staying current w/community, & political issues)	1	9	16	21	27	1%	12%	22%	28%	36%
Making informed judgments when faced with ethical dilemmas	0	1	7	31	35	0%	1%	9%	42%	47%
Recognizing the consequences of my actions when facing a conflict	0	1	7	31	35	0%	1%	9%	42%	47%
Making choices about my conduct based on thoughtful reasoning about what is appropriate	0	1	6	23	44	0%	1%	8%	31%	59%

Importance to Goals

| 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	1	11	19	43	1%	1%	15%	25%	57%
Solving mathematical problems	6	9	20	26	14	8%	12%	27%	35%	19%
Using the computer applications that are most common to my field of work or study	0	3	13	25	34	0%	4%	17%	33%	45%
Finding useful information on the Internet for work-related projects	2	4	13	19	37	3%	5%	17%	25%	49%
Writing clearly and effectively	0	1	3	27	44	0%	1%	4%	36%	59%
Speaking clearly and effectively	0	1	3	23	48	0%	1%	4%	31%	64%
Working as part of a team to solve problems	0	0	9	22	44	0%	0%	12%	29%	59%
Preparing a presentation that I will deliver to a group	0	5	19	21	30	0%	7%	25%	28%	40%
Writing a final report on a project or other work assignment	2	5	14	27	27	3%	7%	19%	36%	36%
Understanding a statistical report	3	13	25	16	17	4%	18%	34%	22%	23%
Thinking critically and analytically	0	0	4	24	45	0%	0%	5%	33%	62%
Evaluating other people's ideas and proposed solutions	0	2	9	28	36	0%	3%	12%	37%	48%
Systematically reviewing & improving my own ideas about how to approach an issue or problem	0	0	6	28	41	0%	0%	8%	37%	55%
Creatively thinking about new ideas or ways to improve existing things	0	1	8	29	37	0%	1%	11%	39%	49%
Discussing complex problems with co-workers to develop a better solution	1	0	9	24	41	1%	0%	12%	32%	55%
Applying what I learned in college to issues and problems I face every day	1	5	17	22	30	1%	7%	23%	29%	40%
Gathering information from a variety of sources when deciding what action to take	0	1	10	29	35	0%	1%	13%	39%	47%
Finding new ways to use my skills & knowledge as I encounter new situations or problems	0	1	8	32	34	0%	1%	11%	43%	45%
Doing research on an issue or topic before I plan a course of action	0	5	12	29	28	0%	7%	16%	39%	38%
Putting ideas together in new ways	0	4	7	31	32	0%	5%	9%	42%	43%
Having a general understanding of subjects other than the one in which I majored	0	6	13	32	23	0%	8%	18%	43%	31%
Learning independently	0	2	4	26	42	0%	3%	5%	35%	57%
Learning new approaches to my work or to advanced studies	0	1	9	35	28	0%	1%	12%	48%	38%
Trying different approaches to solving a problem	0	1	6	32	35	0%	1%	8%	43%	47%
Managing many different tasks and obligations at the same time	0	1	6	10	57	0%	1%	8%	14%	77%
Having an in-depth understanding of my major field of study	2	6	13	23	30	3%	8%	18%	31%	41%
Dealing with conflict among co-workers and friends	2	1	7	25	39	3%	1%	9%	34%	53%
Working effectively with people of different races, ethnicities, and religions	0	1	11	10	52	0%	1%	15%	14%	70%
Communicating effectively with people who see things differently than I do	0	1	8	20	45	0%	1%	11%	27%	61%
Keeping my composure in difficult situations	0	0	6	17	51	0%	0%	8%	23%	69%
Exercising responsibilities as a citizen (voting, staying current w/community, & political issues)	1	5	7	28	33	1%	7%	9%	38%	45%
Making informed judgments when faced with ethical dilemmas	0	2	3	25	44	0%	3%	4%	34%	59%
Recognizing the consequences of my actions when facing a conflict	0	1	6	19	48	0%	1%	8%	26%	65%
Making choices about my conduct based on thoughtful reasoning about what is appropriate	0	1	5	18	50	0%	1%	7%	24%	68%

Alumni Ratings of Satisfaction with IUPUI Experience[c]

(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	1.21
Opportunities to work with other students in groups or teams	1.12
Overall quality of the education you received at IUPUI	1.11
The helpfulness of IUPUI staff in general	1.11
Courses in your major area	1.07
Quality of teaching by other faculty at IUPUI	0.95
Opportunities to integrate learning w/ personal experiences	0.95
Opportunities to increase your self-understanding	0.90
Personal attention from those in your major department	0.84
Required courses outside major area (gen ed reqs)	0.81
Opportunities to engage in community services	0.62
Opportunities to participate in faculty members' research	0.47
Opportunities to engage in extra-curricular activities	0.45
Academic advising in your major department	0.44

[c] *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.*

Satisfaction

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       -2        -1         0         1         2
     (Very)  Dissatisfied      Satisfied   (Very)
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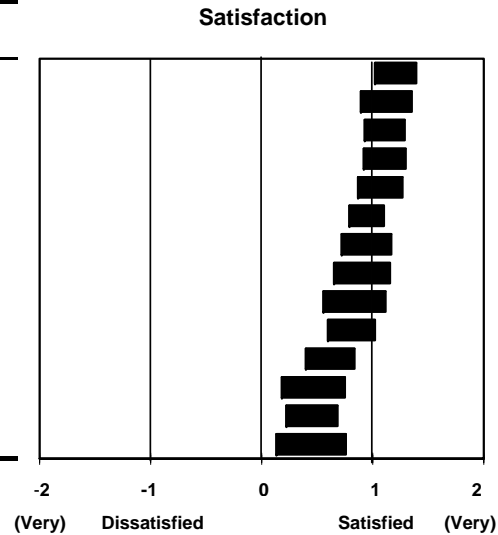
Alumni Ratings of Importance with IUPUI Experience[d]

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

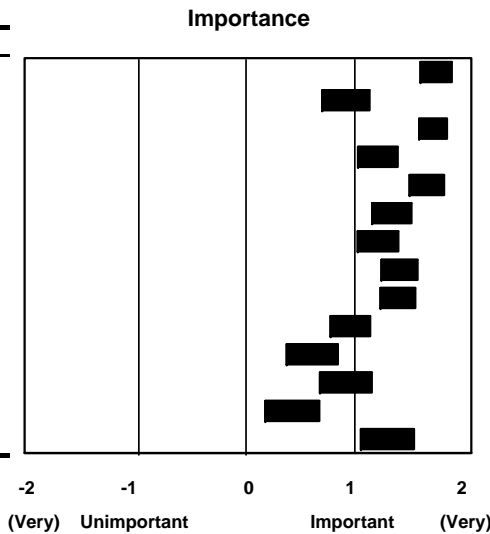| Indicate the importance of the following:	Average
Quality of teaching by faculty in your major area	1.68
Overall quality of the education you received at IUPUI	1.66
Courses in your major area	1.60
Opportunities to increase your self-understanding	1.36
Personal attention from those in your major department	1.34
Quality of teaching by other faculty at IUPUI	1.29
Academic advising in your major department	1.25
Opportunities to integrate learning w/ personal experiences	1.16
The helpfulness of IUPUI staff in general	1.16
Required courses outside major area (gen ed reqs)	0.92
Opportunities to work with other students in groups or teams	0.88
Opportunities to participate in faculty members' research	0.88
Opportunities to engage in community services	0.58
Opportunities to engage in extra-curricular activities	0.40

[d] *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.*

Importance

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       -2        -1         0         1         2
     (Very)  Unimportant       Important   (Very)
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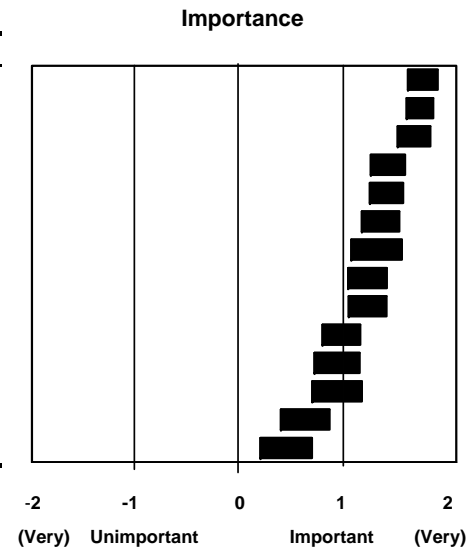
Alumni Ratings of Satisfaction and Importance[c,d]

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

Item	Satisfaction
Quality of teaching by faculty in your major area	1.21
Opportunities to work with other students in groups or teams	1.12
Overall quality of the education you received at IUPUI	1.11
The helpfulness of IUPUI staff in general	1.11
Courses in your major area	1.07
Quality of teaching by other faculty at IUPUI	0.95
Opportunities to integrate learning w/ personal experiences	0.95
Opportunities to increase your self-understanding	0.90
Personal attention from those in your major department	0.84
Required courses outside major area (gen ed reqs)	0.81
Opportunities to engage in community services	0.62
Opportunities to participate in faculty members' research	0.47
Opportunities to engage in extra-curricular activities	0.45
Academic advising in your major department	0.44

Importance

-2   -1   0   1   2

(Very)   Unimportant   Important   (Very)

[c] 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.

[d] 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.

Campus Climate for Diversity[e]

(In order of most frequent to least frequent)

Indicate how often you…..	Average
Socialized with students from backgrounds different than your own	2.89
Participated in classroom discussions that included contributions from students from diverse backgrounds	2.86
Had experiences in class that enhanced your understanding of the history, culture, or social concerns of people from diverse backgrounds	2.58
Took a class that increased your understanding of multiculturism and diversity	2.32
Attended campus events or activities that increased your understanding of multiculturalism and diversity	1.29
Saw or read racist, antigay/lesbian, or sexist material (including graffiti) on campus	0.88
Felt a sense of negative conflict between diverse groups on campus	0.79

Campus Climate

0   1   2   3   4

Never   Sometimes   Very Often
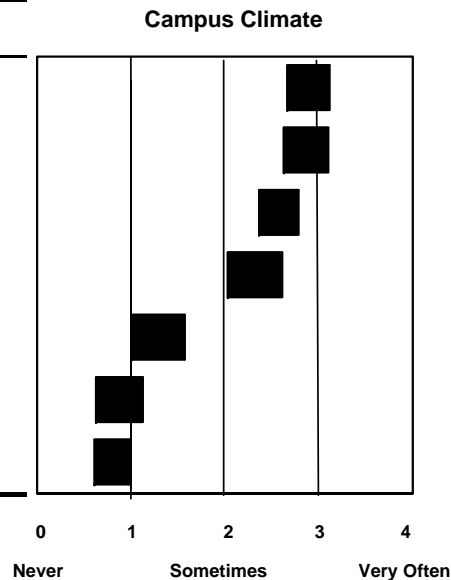
[e] Responses for the campus experiences items provided on a 5-point scale, where
0=Never, 1=Rarely, 2=Sometimes, 3=Often, and 4=Very Often.

Satisfaction with IUPUI Experience

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 the education you received at IUPUI	0	4	6	41	22	0%	5%	8%	56%	30%
Quality of teaching by faculty in your major area	0	2	11	30	30	0%	3%	15%	41%	41%
Quality of teaching by other faculty at IUPUI	0	3	9	50	11	0%	4%	12%	68%	15%
Academic advising in your major department	8	10	16	18	20	11%	14%	22%	25%	28%
Courses in your major area	1	3	9	37	23	1%	4%	12%	51%	32%
Required courses outside major area (gen ed reqs)	1	3	23	28	18	1%	4%	32%	38%	25%
Personal attention from those in your major department	4	9	8	26	26	5%	12%	11%	36%	36%
Opportunities to increase your self-understanding	3	5	13	27	25	4%	7%	18%	37%	34%
Opportunities to work with other students in groups or teams	2	3	10	27	31	3%	4%	14%	37%	42%
Opportunities to integrate learning w/ personal experiences	1	3	20	24	25	1%	4%	27%	33%	34%
Opportunities to engage in community services	0	8	27	23	15	0%	11%	37%	32%	21%
Opportunities to engage in extra-curricular activities	3	6	30	23	11	4%	8%	41%	32%	15%
Opportunities to participate in faculty members' research	7	4	29	14	19	10%	5%	40%	19%	26%
The helpfulness of IUPUI staff in general	0	1	17	28	27	0%	1%	23%	38%	37%

Importance of Aspects of IUPUI Experience

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 the education you received at IUPUI	0	0	2	21	50	0%	0%	3%	29%	68%
Quality of teaching by faculty in your major area	0	1	2	16	54	0%	1%	3%	22%	74%
Quality of teaching by other faculty at IUPUI	0	1	10	29	33	0%	1%	14%	40%	45%
Academic advising in your major department	3	2	6	24	37	4%	3%	8%	33%	51%
Courses in your major area	0	1	4	18	50	0%	1%	5%	25%	68%
Required courses outside major area (gen ed reqs)	0	2	18	37	16	0%	3%	25%	51%	22%
Personal attention from those in your major department	0	0	8	32	33	0%	0%	11%	44%	45%
Opportunities to increase your self-understanding	0	0	9	29	35	0%	0%	12%	40%	48%
Opportunities to work with other students in groups or teams	1	3	20	29	20	1%	4%	27%	40%	27%
Opportunities to integrate learning w/ personal experiences	0	2	11	33	27	0%	3%	15%	45%	37%
Opportunities to engage in community services	3	4	27	26	13	4%	5%	37%	36%	18%
Opportunities to engage in extra-curricular activities	4	6	32	19	12	5%	8%	44%	26%	16%
Opportunities to participate in faculty members' research	3	1	20	27	22	4%	1%	27%	37%	30%
The helpfulness of IUPUI staff in general	0	1	13	32	27	0%	1%	18%	44%	37%

Campus Climate for Diversity

Indicate how frequently you experienced the following:	Number of Respondents					Percentage				
	Never	Rarely	Some-times	Often	Very Often	Never	Rarely	Some-times	Often	Very Often
Socialized with students from backgrounds different than your own	1	4	19	26	22	1%	6%	26%	36%	31%
Participated in classroom discussions and activities that included contributions from students with diverse backgrounds and perspectives	3	3	16	30	21	4%	4%	22%	41%	29%
Had experiences in class that enhanced your understanding of the history, culture, or social concerns of people from diverse backgrounds	1	5	30	25	12	1%	7%	41%	34%	16%
Took a class that increased your understanding of multiculturalism and diversity	6	12	23	15	16	8%	17%	32%	21%	22%
Attended campus events or activities that increased your understanding of multiculturalism and diversity	25	18	19	6	5	34%	25%	26%	8%	7%
Saw or read racist, antigay/lesbian, or sexist material (including graffiti) on campus	35	22	7	8	1	48%	30%	10%	11%	1%
Felt a sense of negative conflict between diverse groups on campus	29	33	8	3	0	40%	45%	11%	4%	0%

Comparative Analysis

Comparisons between School of Science 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]	SCI Means	All other Bachelors	Difference in Means	Significance
Reading and understanding books, articles, and instruction manuals	4.55	4.54	0.01	
Solving mathematical problems	3.97	3.82	0.15	
Using the computer applications that are most common to my field of work or study	4.37	4.25	0.13	
Finding useful information on the Internet for work-related projects	4.49	4.43	0.07	
Writing clearly and effectively	4.47	4.33	0.14	
Speaking clearly and effectively	4.24	4.18	0.06	
Working as part of a team to solve problems	4.47	4.39	0.08	
Preparing a presentation that I will deliver to a group	3.91	3.93	-0.02	
Writing a final report on a project or other work assignment	4.16	4.03	0.13	
Understanding a statistical report	3.57	3.49	0.08	
Thinking critically and analytically	4.34	4.30	0.04	
Evaluating other people's ideas and proposed solutions	4.21	4.15	0.07	
Systematically reviewing & improving own ideas about how to approach an issue/problem	4.13	4.11	0.03	
Creatively thinking about new ideas or ways to improve existing things	4.09	4.16	-0.06	
Discussing complex problems with co-workers to develop a better solution	4.05	4.12	-0.06	
Applying what I learned in college to issues and problems I face every day	3.93	4.08	-0.15	
Gathering information from a variety of sources when deciding what action to take	4.32	4.22	0.10	
Finding new ways to use my skills and knowledge as I encounter new situations/problems	4.13	4.11	0.02	
Doing research on an issue or topic before I plan a course of action	4.12	4.14	-0.02	
Putting ideas together in new ways	4.00	3.97	0.03	
Having a general understanding of subjects other than the one in which I majored	4.05	3.98	0.07	
Learning independently	4.53	4.40	0.13	
Learning new approaches to my work or to advanced studies	3.99	4.05	-0.06	
Trying different approaches to solving a problem	4.18	4.11	0.07	
Managing many different tasks and obligations at the same time	4.46	4.33	0.13	
Having an in-depth understanding of my major field of study	4.07	4.00	0.07	
Dealing with conflict among co-workers and friends	4.08	3.91	0.17	
Working effectively with people of different races, ethnicities, and religions	4.45	4.45	0.00	
Communicating effectively with people who see things differently than I do	4.18	4.08	0.09	
Keeping my composure in difficult situations	4.19	4.01	0.18	
Exercising responsibilities as a citizen (voting, staying current w/comm. & political issues)	3.86	3.81	0.06	
Making informed judgments when faced with ethical dilemmas	4.35	4.24	0.12	
Recognizing the consequences of my actions when facing a conflict	4.35	4.36	-0.01	
Making choices about my conduct based on thoughtful reasoning about what is appropriate	4.49	4.35	0.14	

[a] *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

Indicate how important your ability level is to your goals in the following areas… [b]	SCI Means	All other Bachelors	Difference in Means	Significance
Reading and understanding books, articles, and instruction manuals	4.36	4.46	-0.10	
Solving mathematical problems	3.44	3.54	-0.10	
Using the computer applications that are most common to my field of work or study	4.20	4.41	-0.21	*
Finding useful information on the Internet for work-related projects	4.13	4.17	-0.04	
Writing clearly and effectively	4.52	4.51	0.01	
Speaking clearly and effectively	4.57	4.59	-0.02	
Working as part of a team to solve problems	4.47	4.44	0.03	
Preparing a presentation that I will deliver to a group	4.01	4.04	-0.03	
Writing a final report on a project or other work assignment	3.96	3.89	0.08	
Understanding a statistical report	3.42	3.55	-0.13	
Thinking critically and analytically	4.56	4.51	0.05	
Evaluating other people's ideas and proposed solutions	4.31	4.27	0.03	
Systematically reviewing & improving own ideas about how to approach an issue/problem	4.47	4.41	0.06	
Creatively thinking about new ideas or ways to improve existing things	4.36	4.48	-0.12	
Discussing complex problems with co-workers to develop a better solution	4.39	4.43	-0.04	
Applying what I learned in college to issues and problems I face every day	4.00	4.12	-0.12	
Gathering information from a variety of sources when deciding what action to take	4.31	4.27	0.03	
Finding new ways to use my skills and knowledge as I encounter new situations/problems	4.32	4.41	-0.09	
Doing research on an issue or topic before I plan a course of action	4.08	4.20	-0.12	
Putting ideas together in new ways	4.23	4.20	0.03	
Having a general understanding of subjects other than the one in which I majored	3.97	4.10	-0.13	
Learning independently	4.46	4.45	0.01	
Learning new approaches to my work or to advanced studies	4.23	4.25	-0.02	
Trying different approaches to solving a problem	4.36	4.37	0.00	
Managing many different tasks and obligations at the same time	4.66	4.67	-0.01	
Having an in-depth understanding of my major field of study	3.99	4.27	-0.29	*
Dealing with conflict among co-workers and friends	4.32	4.27	0.05	
Working effectively with people of different races, ethnicities, and religions	4.53	4.48	0.05	
Communicating effectively with people who see things differently than I do	4.47	4.54	-0.07	
Keeping my composure in difficult situations	4.61	4.60	0.01	
Exercising responsibilities as a citizen (voting, staying current w/comm. & political issues)	4.18	4.15	0.02	
Making informed judgments when faced with ethical dilemmas	4.50	4.41	0.09	
Recognizing the consequences of my actions when facing a conflict	4.54	4.53	0.01	
Making choices about my conduct based on thoughtful reasoning about what is appropriate	4.58	4.47	0.11	

[b] *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

Indicate your level of satisfaction with IUPUI in the areas of… [c]	SCI Means	All other Bachelors	Difference in Means	Significance
Overall quality of the education you received at IUPUI	1.11	1.10	0.01	
Quality of teaching by faculty in your major area	1.21	1.08	0.12	
Quality of teaching by other faculty at IUPUI	0.95	0.83	0.11	
Academic advising in your major department	0.44	0.50	-0.05	
Courses in your major area	1.07	0.96	0.10	
Required courses outside your major area	0.81	0.82	-0.01	
Personal attention from those in your major department	0.84	0.79	0.05	
Opportunities to increase your self-understanding	0.90	0.95	-0.05	
Opportunities to work with other students in groups or teams	1.12	1.13	-0.01	
Opportunities to integrate what you have learned with personal experiences	0.95	1.08	-0.13	
Opportunities to engage in community services	0.62	0.47	0.15	
Opportunities to engage in extra-curricular activities	0.45	0.36	0.09	
Opportunities to participate in faculty members' research	0.47	0.04	0.43	*
The helpfulness of IUPUI staff in general	1.11	0.86	0.25	*

[c] 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

Indicate the importance of the following: [d]	SCI Means	All other Bachelors	Difference in Means	Significance
Overall quality of the education you received at IUPUI	1.66	1.65	0.00	
Quality of teaching by faculty in your major area	1.68	1.66	0.02	
Quality of teaching by other faculty at IUPUI	1.29	1.31	-0.02	
Academic advising in your major department	1.25	1.32	-0.07	
Courses in your major area	1.60	1.55	0.05	
Required courses outside your major area	0.92	0.82	0.09	
Personal attention from those in your major department	1.34	1.31	0.03	
Opportunities to increase your self-understanding	1.36	1.26	0.09	
Opportunities to work with other students in groups or teams	0.88	0.82	0.06	
Opportunities to integrate what you have learned with personal experiences	1.16	1.15	0.01	
Opportunities to engage in community services	0.58	0.50	0.08	
Opportunities to engage in extra-curricular activities	0.40	0.30	0.09	
Opportunities to participate in faculty members' research	0.88	0.27	0.60	*
The helpfulness of IUPUI staff in general	1.16	1.16	0.00	

[d] 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.

Campus Climate for Diversity

Indicate how often you…. [e]	SCI Means	All other Bachelors	Difference in Means	Significance
Socialized with students from backgrounds different than your own	2.89	2.85	0.04	
Participated in classroom discussions and activities that included contributions from students with diverse backgrounds and perspectives	2.86	2.94	-0.08	
Had experiences in class that enhanced your understanding of the history, culture, or social concerns of people from diverse backgrounds	2.58	2.61	-0.03	
Took a class that increased your understanding of multiculturalism and diversity	2.32	2.26	0.06	
Attended campus events or activities that increased your understanding of multiculturalism and diversity	1.29	1.03	0.25	
Saw or read racist, antigay/lesbian, or sexist material (including graffiti) on campus	0.88	0.70	0.18	
Felt a sense of negative conflict between diverse groups on campus	0.79	0.69	0.10	

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

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

Addendum - Employment

Occupation

	N	%	
Life & Physical Scientist/Researcher	9	14%	
Social Worker	8	13%	
Counselor	5	8%	
Health Practitioner/Technologist	4	6%	
Computer Scientist, Programmer	4	6%	
Personnel & Labor	3	5%	
Other	30	48%	

Business/Industry

	N	%	
Health/Medical Services	13	21%	
Social Services	10	16%	
Education	6	10%	
Financial Inst/Insurance/Real Estate	6	10%	
Manufacturing	5	8%	
Legal Services	3	5%	
Wholesale Trade/Retail Trade	2	3%	
Hotels/Lodging/Restaurant	2	3%	
Research & Testing Services	2	3%	
Agriculture, Forestry, Fishing	2	3%	
Other	10	16%	

Note: If provided top ten are reported for Occupation and Business/Industry.

Employer

	N	%	
Indiana University	4	7%	
Clarian Health Partners, Inc.	3	5%	
Kelly Services	2	3%	
Other	52	85%	

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

Addendum - Demographics

Sample Demographics

Sex

	N	%	
Female	55	72%	
Male	21	28%	

Age*

	Mean
	27.8

* Reported as averages.

Degree Type

	N	%
BACH	76	100%
ASSOC	0	0%
CERT	0	0%

GPA*

	Mean
	3.1

* Reported as averages.

Ethnicity

	N	%	
Asian or Pacific Islander	1	1%	
African American	12	16%	
Hispanic	4	5%	
American Indian/Alaskan Native	0	0%	
Non-resident Alien	1	1%	
White, non-Hispanic	58	76%	
Other American	0	0%	

Addendum - Educational Pursuits

Institution

	N	%	
IUPUI	9	30%	
Indiana University Bloomington	4	13%	
Indiana Wesleyan	3	10%	
Other	14	47%	

Field of Study

	N	%	
Business	4	14%	
Social Work	2	7%	
Other	23	79%	

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