

IMIR

# Research Brief

Volume 2 Number 4, December 1994

## Recent Alumni - IUPUI 1992-93 Undergraduate Degree Recipients

### Table of Contents

<a href="#">Highlights</a>	<a href="#">Introduction</a>	<a href="#">How the Survey was Conducted</a>	<a href="#">Current Employment</a>
<a href="#">Further Education</a>	<a href="#">Impact of IUPUI on Alumni Learning</a>	<a href="#">Satisfaction with the IUPUI Experience</a>	<a href="#">Conclusions and Implications</a>

**Displays**

- [Figure 1A. Current Employment Status](#)
  - [Figure 1B. Hours Worked](#)
  - [Figure 1C. Occupation](#)
  - [Figure 1D. Business/Industry](#)
- [Figure 1E. Working with Current Employer Prior to Receiving Degree](#)
  - [Figure 1F. How Closely Does Current Job Relate to Major](#)
- [Figure 1G. How Well IUPUI Education Prepared Alumni for Current Job](#)
- [Figure 1H. How Well IUPUI Education Has Enhanced Future Prospects](#)
  - [Figure 1I. Current Salary](#)
- [Figure 2A. Current Educational Status](#)
  - [Figure 2B. Institution](#)
  - [Figure 2C. Field](#)
  - [Figure 2D. Degree Sought](#)
- [Figure 2E. Likelihood of Pursuing Education at IUPUI](#)
  - [Figure 3. Impact of IUPUI on Alumni Learning](#)
  - [Figure 4. Satisfaction with IUPUI Experience](#)
    - [Figure 5. IUPUI Image](#)
    - [Appendix](#)

### Highlights

**Current Employment:** The vast majority of IUPUI recent alumni are employed (91%). Four percent are not seeking work and 1% are in the military. Only 4% are unemployed. Half continue to work for the employer they worked for prior to graduating. Over eighty percent said their job was related to their major. Ninety-five percent said their IUPUI education had enhanced their future prospects. The median salary for the 92-93 undergraduate degree recipients was \$25,000 to \$30,000.

**Further Education:** Nearly nine of ten recent alumni intend to further their education: one-quarter (27%) are currently enrolled and three-fifths (57%) are planning to enroll at some institution of higher education in the future. Seventy percent of those currently enrolled are enrolled at IUPUI. Considering all alumni who received their degree during the 92-93 academic year, one-fifth are enrolled at IUPUI and another 50% say they will

likely pursue their further education here. This means that seven of ten recent alumni either are attending, or plan to attend IUPUI to further their education.

[Impact of IUPUI on Alumni Learning](#): IUPUI had its greatest impact on alumni's intellectual skill development, writing effectiveness, understanding scientific principles/methods, viewing things from different perspectives, and speaking effectiveness, in that order. The least impact was in the areas of understanding the arts, caring for one's physical and mental health, understanding mathematics, understanding diversity, and developing values and ethics. Impact varied by school. For example, engineering and science alumni were highest on "understanding scientific principles while Liberal Arts alumni ranked highest in "writing effectiveness" and "understanding different people and cultures".

[Satisfaction with the IUPUI Experience](#): Alumni expressed the greatest degree of satisfaction with the academic aspects of their college experience. They were most satisfied with the quality of teaching by faculty in their major area, followed by the overall quality of their IUPUI education, and courses in their major area. They were least satisfied with their opportunities to work on faculty research projects, engage in extra-curricular activities, and engage in community service. Three-quarters of recent alumni would encourage someone planning college to attend IUPUI.

(Back to [Table of Contents](#), [List of Displays](#) )

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## Introduction

This issue of *Research Brief* summarizes the results of the first campus-wide survey of IUPUI's recent undergraduate alumni conducted by the Office of Information Management and Institutional Research. (The [next alumni survey](#), *Research Brief*, Vol. 3 No.1, October 1995, will be administered to all 1993-94 undergraduate degree recipients in early February 1995.) The alumni survey was conducted in two phases. The first phase involved surveying all associate degree recipients as well as bachelor's degree recipients in the School of Engineering and Technology and the School of Nursing. The second phase began in April 1994 and included all other bachelor's degree recipients as well as all certificate recipients. Over the two phases of the project, alumni surveys were sent to all 2,635 undergraduates who received a bachelor's or associate's degree, or a certificate during the 1992-93 academic year.

Planning for the undergraduate alumni survey began in Spring 1992 when, at the request of the Vice-Chancellor for Planning and Institutional Improvement, a series of meetings was held with representatives from IUPUI's schools. The purpose of these meetings was to solicit ideas from the IUPUI academic community about how alumni surveys should be conducted on campus and what specific kinds of information should be collected. Because information about alumni was needed for both central administration and academic units, a strategy was devised that involved developing a commonly agreed upon core survey which would be administered to all alumni, while at the same time, creating a process to allow academic units to supplement the core survey with items specific to their own programs. (The Schools of Engineering and Technology and Nursing, and the Department of English developed their own local questionnaires to supplement the university-wide questionnaire.) The questionnaire items summarized in this brief were the result of the work of the alumni survey committee.

The items on the core *Alumni Survey* are divided into four parts. The sections that follow present the responses for each of these parts which include [Current Employment](#), [Further Education](#), [Impact of IUPUI on Alumni Learning](#) and [Satisfaction with the IUPUI Experience](#). Throughout this discussion of the results, any statistically significant differences between associate and bachelor's degree recipients are noted.

(Back to [Table of Contents](#), [List of Displays](#) )

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## How the Survey was Conducted: A Methodological Note

The survey of 1992-93 alumni was administered to all undergraduate degree recipients by mail in two phases over the course of the 1993-94 academic year. The first phase of the survey project began in November, 1993 and was followed by a second phase in April, 1994. Over the two phases of the survey project all 2,635

1992-93 undergraduate degree recipients were sent mailed questionnaires. Questionnaires were sent to 1,057 alumni during the first phase of the project and received from 483 for a response rate of 46%. The response rate for the second phase of the project was 51% with 792 out of 1,552 alumni responding. The overall response rate for the two phases was 48%. A total of 1,275 recent alumni responded.

In order to determine whether or not the sample could be considered representative of the population, the demographic and institutional characteristics of survey respondents were compared to non-respondents with regard to gender, ethnic status, age, degree conferred, and school. The results of this analysis suggest that respondents are generally similar to non-respondents. However, respondents were somewhat more likely to be older (mean age=30 years vs. 27 years), white (92% vs. 86%), and female (65% vs. 61%) compared to non-respondents.

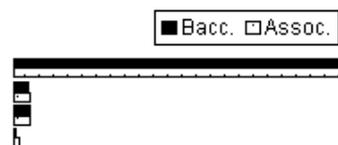
(Back to [Table of Contents](#), [List of Displays](#) )

## Survey Results: Current Employment

Figures 1A through 1I present the employment experiences of recent undergraduate alumni. The tables depict [current employment status](#), [hours worked](#), [occupation](#), [industry](#), [whether alumni worked with their current employer prior to graduating](#), [length of time required to get first job](#), [how closely academic major relates to current job](#), how well IUPUI (1) [prepared alumni for their current job](#) and (2) [enhanced their future prospects](#). Data on the current salaries of recent alumni are summarized in [Figure 1I](#).

Nine of ten 1992-93 graduates are currently working full-time or part-time. Only 4% are not working and looking for work. Another four percent are not working and not looking, and one percent are in the military. Figure 1A shows these results.

1A. Current Employment Status	Total		Baccalaureate		Assoc./Cert.	
	N	%	N	%	N	%
Working full- or part-time	1152	91%	843	91%	309	90%
Not working but looking for work	52	4%	37	4%	15	4%
Not working and not looking	55	4%	40	4%	15	4%
In the military service	9	1%	5	1%	4	1%
<b>Total</b>	<b>1268</b>	<b>100%</b>	<b>925</b>	<b>100%</b>	<b>343</b>	<b>100%</b>



(Back to [Table of Contents](#), [List of Displays](#) )

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

Figures 1B and 1C show the hours worked and the occupations of recent IUPUI graduates. Of those currently employed, ninety percent are working full-time (35+ hours). Recent IUPUI alumni are working forty-one hours per week on average.

1B. Hours Worked	Total		Baccalaureate		Assoc./Cert.	
	N	%	N	%	N	%
Working full-time	1002	88%	748	89%	254	84%
Working part-time	142	12%	92	11%	50	16%
Average hours/week worked	40.8		41.4		39.9	

chi-square significant  $p \leq .05$



(Back to [Table of Contents](#), [List of Displays](#) )

Reflecting the proportion of graduates for the schools in the population, one-quarter of those working are employed in health care occupations, with one-seventh employed as nurses. One-tenth are engineers, surveyors or architects. Another one-tenth are in administrative support occupations. One-fifth (21%) of IUPUI's 1992-93 undergraduate degree recipients received their degrees in either nursing or allied health. Another one-sixth (16%) received a degree in engineering or technology.

1C. Occupation	Total		Baccalaureate		Assoc./Cert.	
	N	%	N	%	N	%
Nurse	154	12%	97	10%	57	17%
Health Practitioner/Technologist	134	11%	94	10%	40	12%
Administrative Support Occupations	100	8%	73	8%	27	8%
Engineer, Surveyor, Architect	96	8%	65	7%	31	9%
Teacher/Faculty	85	7%	82	9%	3	1%
Marketing and Sales Occupations	76	6%	61	7%	15	4%
Administrator/Manager	62	5%	44	5%	18	5%
Computer Scientist, Programmer	52	4%	39	4%	13	4%
Financial Administration or Mngt.	33	3%	27	3%	6	2%
Accountant/Auditor	32	3%	27	3%	5	1%
Other	301	24%	216	23%	85	25%

chi-square significant  $p \leq .05$

(Back to [Table of Contents](#), [List of Displays](#).)

Not only are IUPUI's recent graduates heavily represented in health care occupations, they are also heavily represented in the health care industry, as might be expected. Figure 1D shows that one in three recent IUPUI graduates is employed in the health and medical services industry. One tenth are employed in the manufacturing sector. Nearly one in ten are employed in education.

1D. Business/Industry	Total		Baccalaureate		Assoc./Cert.	
	N	%	N	%	N	%
Health/Medical Services	385	34%	255	31%	130	43%
Manufacturing	126	11%	87	11%	39	13%
Education	115	10%	101	12%	14	5%
Financial Inst/Insurance/Real Estate	95	8%	69	8%	26	9%
Wholesale Trade/Retail Trade	66	6%	53	6%	13	4%
Social Services	35	3%	33	4%	2	1%
Computer/Data Processing Svcs	30	3%	23	3%	7	2%
Engineering/Architectural Services	22	2%	15	2%	7	2%
Hotels/Lodging/Restaurant	21	2%	16	2%	5	2%
Construction	19	2%	14	2%	5	2%
Other	213	19%	157	19%	56	18%

chi-square significant  $p \leq .05$

(Back to [Table of Contents](#), [List of Displays](#).)

It is interesting to note that the distribution of alumni jobs tends to reflect the general employment trends in the Indianapolis metropolitan area. Health care for example, has experienced large increases in employment in the Central Indiana region. The U.S. Census Bureau reports that between 1980 and 1990 the number of jobs in health services doubled in Marion County (1990 U.S. Census, U.S. Census Bureau). In April 1993 more employees in Indiana were working in the health services industry than any other industry group. From April 1992 to April 1993, the number of jobs in the health services industry increased 3.1% across the State ( *Indiana Update*, July, 1993. Indiana Business Research Center, Indiana University, Bloomington). It appears that many recent IUPUI alumni have been able to take advantage of this trend.

More than half (52%) of IUPUI's employed recent alumni are working with the same employer they worked with prior to receiving their degree. Among these, four of ten received a raise or promotion after obtaining their degree. (See Figure 1E). For those not employed at the time they graduated, the length of time it took to find their first new job after graduation differed by degree type. Associate degree recipients took an average of eight weeks to find their first job, whereas bachelor's degree recipients took twelve weeks.

**1E. Working with Current Employer Prior to Receiving Degree**

	Total		Baccalaureate		Assoc./Cert.	
	N	%	N	%	N	%
No	537	48%	443	54%	94	31%
Yes	587	52%	376	46%	211	69%
chi square significant p <=.05						
If yes, a raise or promotion received						
Yes	257	43%	171	45%	86	41%
No	339	57%	213	55%	126	59%
If no, weeks to find first new job after completing degree						
0 - 4	245	46%	188	43%	57	61%
5 - 16	161	30%	141	32%	20	22%
17 - 24	46	9%	37	8%	9	10%
25 - 52	71	13%	64	15%	7	8%
Over 52	11	2%	11	2%	0	0%

■ Bacc. □ Assoc.

(Back to [Table of Contents](#), [List of Displays](#))

Six of ten recent graduates report their current job is directly related to their major, with another one-quarter indicating their major was somewhat related to their current employment. Only one of six graduates indicated that their major was not related to their current employment, as Figure 1F shows.

**1F. How Closely Does Current Job Relate to Major**

	Total		Baccalaureate		Assoc./Cert.	
	N	%	N	%	N	%
Directly Related	644	56%	461	55%	183	60%
Somewhat Related	302	26%	221	26%	81	27%
Not at all Related	200	17%	160	19%	40	13%

(Back to [Table of Contents](#), [List of Displays](#))

When asked about how well their IUPUI education prepared them for their current job, 90% of recent graduates said either very well (41%) or somewhat well (48%). However, one in ten responded "not at all well" as Figure 1G reveals.

**1G. How Well IUPUI Education Prepared Alumni for Current Job**

	Total		Baccalaureate		Assoc./Cert.	
	N	%	N	%	N	%
Very Well	467	41%	331	40%	136	45%
Somewhat Well	544	48%	402	48%	142	47%
Not at all Well	129	11%	104	12%	25	8%

(Back to [Table of Contents](#), [List of Displays](#))

Another item on the *Alumni Survey* reported in Figure 1I asked recent graduates about their current personal income. The median income range for IUPUI's recent alumni is between \$25,000 and \$30,000.

<b>1I. Current Salary</b>	Total		Baccalaureate		Assoc./Cert.	
	N	%	N	%	N	%
\$45,000 or above	73	7%	53	7%	20	8%
\$40,000 to \$44,999	56	6%	40	5%	16	6%
\$35,000 to \$39,999	116	12%	84	11%	32	12%
\$30,000 to \$34,999	185	19%	135	18%	50	19%
\$25,000 to \$29,999 **	197	20%	143	19%	54	21%
\$20,000 to \$24,999	201	20%	150	20%	51	19%
Under \$20,000	170	17%	131	18%	39	15%



\*\* median salary range

(Back to [Table of Contents](#), [List of Displays](#))

IUPUI graduates are optimistic about their futures. As Figure 1H shows, when asked about how well their IUPUI education had enhanced their future prospects, 95% said either very well (49%) or somewhat well (46%). Only 5% responded "not at all well" to this item.

#### 1H. How Well IUPUI Education Has Enhanced Future Prospects

	Total		Baccalaureate		Assoc./Cert.	
	N	%	N	%	N	%
Very Well	565	49%	421	50%	144	47%
Somewhat Well	528	46%	378	45%	150	49%
Not at all Well	55	5%	42	5%	13	4%



(Back to [Table of Contents](#), [List of Displays](#).)

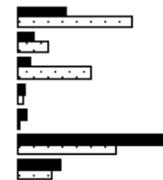
## Survey Results: Further Education

The second section of the *Alumni Survey* asked graduates about their current and planned involvement in higher education. The results for this section are presented in Figures 2A through 2E.

Most of IUPUI's recent graduates either are currently enrolled or are planning to further their education. As Figure 2A shows, one of four of all IUPUI's recent undergraduate degree recipients are enrolled either part-time (8%) or full-time (12%) in a degree program or are taking a few courses (3%). Another 3% are enrolled in a certificate program. Nearly half of associate/ certificate degree recipients and one-fifth of bachelors are furthering their education in some capacity. Three out of five of all recent alumni not presently enrolled plan to further their education in the future.

2A. Current Educational Status	Total		Baccalaureate		Assoc./Cert.	
	N	%	N	%	N	%
TOTAL ENROLLED	337	27%	181	20%	156	46%
Enrolled full-time in degree prog.	106	8%	63	7%	43	13%
Enrolled part-time in degree prog.	151	12%	50	5%	101	30%
Enrolled in a certificate prog	41	3%	32	3%	9	3%
Enrolled in courses only	39	3%	36	4%	3	1%
Not presently enrolled but plan to	712	57%	576	63%	136	40%
Not presently enrolled, no plans to	208	17%	160	17%	48	14%

■ Bacc. □ Assoc.



chi-square significant  $p \leq .05$

(Back to [Table of Contents](#), [List of Displays](#).)

Figure 2B shows the top ten schools where IUPUI graduates are either taking courses or pursuing a degree program. Seventy percent of currently enrolled alumni are pursuing their education at IUPUI, including 2% at the School of Medicine. Associate and certificate degree recipients are more likely to be enrolled at IUPUI than are bachelor's degree recipients. (Many Associates are continuing a baccalaureate program here. This is particularly true in the School of Engineering and Technology.) Figure 2B shows that over four of five associate/certificate degree recipients versus half of bachelor's degree recipients are currently enrolled at IUPUI. Another 7% of all 1992-93 undergraduate degree recipients are enrolled at other IU campuses. IUPUI's recent graduates are currently attending forty-four different colleges and universities within Indiana and across the country.

2B. Institution	Total		Baccalaureate		Assoc./Cert.	
	N	%	N	%	N	%
IUPUI	220	66%	87	51%	133	81%
IU - Unspecified	10	3%	5	3%	5	3%
IUPUI - Columbus	8	2%	1	1%	7	4%
IU - Bloomington	7	2%	7	4%	0	0%
IU - School of Medicine	6	2%	3	2%	3	2%
Indiana Wesleyan	6	2%	1	1%	5	3%
Ball State	5	1%	4	2%	1	1%
Purdue University	4	1%	4	2%	0	0%
Christian Theological Seminary	3	1%	3	2%	0	0%
IU - East	3	1%	0	0%	3	2%
Other	62	19%	54	32%	8	5%



chi-square significant  $p \leq .05$

(Back to [Table of Contents](#), [List of Displays](#) )

2C. Field	Total		Baccalaureate		Assoc./Cert.	
	N	%	N	%	N	%
Education	18	5%	15	9%	3	2%
General Studies	18	5%	0	0%	18	11%
Business	17	5%	6	3%	11	7%
Nursing	17	5%	13	7%	4	2%
Social Work	14	4%	14	8%	0	0%
Mechanical Engineering Technology	13	4%	1	1%	12	7%
Accounting	10	3%	3	2%	7	4%
Electrical Engineering	10	3%	4	2%	6	4%
Public & Environmental Affairs	10	3%	5	3%	5	3%
Computer Technology	9	3%	0	0%	9	5%
Other	204	60%	114	65%	90	55%

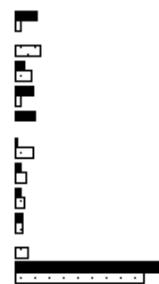
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Figure 2D shows that half of those currently enrolled are pursuing a bachelor's degree, including most associate degree recipients. One-third are working on a Masters' degree, mostly from among baccalaureate degree recipients. Ten percent are pursuing a doctorate or professional degree.

2D. Degree Sought	Total		Baccalaureate		Assoc./Cert.	
	N	%	N	%	N	%
Certificate	17	6%	12	4%	5	2%
Associate	6	2%	3	1%	3	1%
Bachelor	129	45%	9	3%	120	42%
Master	94	33%	89	31%	5	2%
Doctorate	19	7%	17	6%	2	1%
Law	7	2%	7	2%	0	0%
Medicine	3	1%	2	1%	1	0%
Other Professional	1	0%	0	0%	1	0%
Other	13	4%	4	1%	9	3%

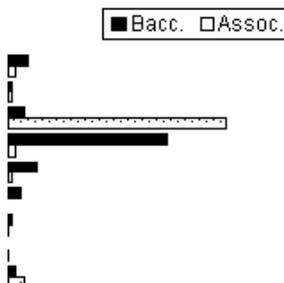
chi-square significant  $p \leq .05$ (Back to [Table of Contents](#), [List of Displays](#) )

Figure 2E reveals that many recent alumni who received their undergraduate degrees during the 1992-93 academic year plan to return to IUPUI to further their education. In addition to the one-fifth of all 92-93 alumni who are currently enrolled here, another one-quarter say it is very likely they will pursue their further education at IUPUI. When those recent alumni who say it is somewhat likely they will further their education here are combined with those currently enrolled and very likely to enroll, a total of 70% of 92-93 undergraduate degree recipients either are, or plan to continue their education at IUPUI.

**2E. Likelihood of Pursuing Education at IUPUI**

	Total		Baccalaureate		Assoc./Cert.	
	N	%	N	%	N	%
Currently doing so	218	18%	88	10%	130	39%
Very likely	320	26%	240	27%	80	24%
Somewhat likely	352	29%	292	33%	60	18%
Not very likely	328	27%	267	30%	61	18%

chi-square significant  $p \leq .05$ (Back to [Table of Contents](#), [List of Displays](#) )**Survey Results: Impact of IUPUI on Alumni Learning**

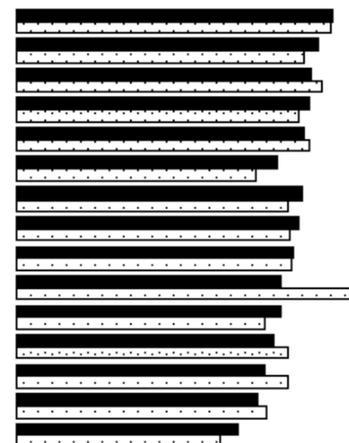
The alumni survey asked recent undergraduate degree recipients about the amount of impact IUPUI had on various aspects of their learning. Display 3 shows the average (mean) values of the responses to these items.

The scale for these items range from 1= no impact to 5= very much impact. As Display 3 shows, among the items asked, the education recent graduates received from IUPUI impacted their "intellectual skill development" most, followed by their "writing effectiveness", "understanding scientific principles and methods", and "viewing things from different perspectives" in that order. Learning and skill areas less impacted were: "understanding the arts", "caring for your physical and mental health", "understanding mathematics", and "developing values and ethics".

### Display 3. Impact of IUPUI on Alumni Learning

Item	Average Rating by Group			
	Total	Bacc.	Assoc./Cert.	
Intellectual skills	3.69	3.70	3.68	
Writing effectiveness	3.50	3.54	3.38	**
Understanding scientific principles/methods	3.48	3.45	3.57	
View things from different perspectives	3.40	3.43	3.31	
Speaking effectiveness	3.39	3.38	3.43	
Understanding diversity	3.30	3.06	2.80	**
Understanding different people	3.30	3.35	3.19	**
Leadership skills	3.27	3.30	3.20	
Organize time effectively	3.24	3.25	3.23	
Exploring careers	3.07	3.10	3.99	
Computer skills	3.05	3.10	2.91	**
Developing values and ethics	3.01	3.02	3.19	
Understanding mathematics	2.98	2.91	3.17	**
Care for physical/mental health	2.85	2.82	2.92	
Understanding the arts	2.54	2.59	2.39	**

■ Bacc. □ Assoc.



\*Responses provided on a 5-point scale where 1=No Impact and 5=Very Much

\*\* statistically significant difference between baccalaureates and associates at  $p \leq .05$

(Back to [Table of Contents](#), [List of Displays](#) )

In what areas and to what degree IUPUI impacted alumni learning varied, as might be expected, based on one's school. For example, Liberal Arts alumni ranked highest compared to alumni from other schools in terms of how much impact IUPUI had on their intellectual skills, their writing effectiveness, their understanding of different peoples and cultures, their ability to view events from several perspectives, and their understanding of different traditions and values. Engineering and Science alumni were highest in terms how much impact IUPUI had on their understanding of scientific principles. Engineering and Technology alumni ranked highest in terms of understanding mathematics. Herron alumni ranked highest in terms of "understanding and appreciating the arts". Physical Education majors ranked highest compared to alumni from other schools in terms of IUPUI's impact on their speaking effectiveness, guiding and leadership skills and their learning to care for their physical and mental health. Because of the extent and the importance of these school differences, the results of the *Alumni Survey* have been analyzed at the school level as well as the campus level and will be distributed to schools at the time of the release of this *Research Brief*.

(Back to [Table of Contents](#), [List of Displays](#) )

## Survey Results: Satisfaction with the IUPUI Experience

The final section of the survey asked recent alumni about their degree of satisfaction with various aspects of their IUPUI experience. Responses to these items, which are shown in Display 4, range from: 5= very satisfied, 4= satisfied, 3= neutral, 2= dissatisfied, and 1= very dissatisfied. Item frequencies appear in the appendix.

Overall, recent graduates are most satisfied with the quality of faculty, the overall quality of their IUPUI education, the course work they took in their major area and least satisfied with their opportunities to participate in faculty research, their opportunities to engage in extra-curricular activities, and the academic advising they received in their major department. These results corroborate the findings presented recently from the *Continuing Student Satisfaction and Priorities Survey* which showed that IUPUI students are most satisfied with their academic experiences in the classroom but not so satisfied with their academic advising,

their opportunities to participate in faculty research, and their social experiences on campus. (For a discussion of these result see [IUPUI Student Satisfaction and Priorities Survey--1994](#), *Research Brief*, Vol. 2 No. 3, September, 1994.)

Display 4 shows that recent graduates were most satisfied with the quality of teaching by faculty in their major area. Expressed in percentage terms three-quarters of recent alumni reported being satisfied (47%) or very satisfied (26%) with the quality of faculty in their major department. Whether an alumnus received a bachelor's degree or an associate or certificate degree did not effect their level of satisfaction with the quality of faculty in their major.

#### Display 4. Satisfaction with IUPUI Experience

Item	Average Rating by Group			
	Total	Bacc.	Assoc./Cert.	
Qual. of teaching by faculty in your major	3.88	3.92	3.79	**
Overall quality of IUPUI education	3.88	3.89	3.86	
Courses in your major area	3.82	3.84	3.76	
Opp. to work with others in groups	3.68	3.72	3.56	**
Opp. to integrate learning and personal exp.	3.65	3.66	3.62	
Qual of teaching by other IUPUI faculty	3.57	3.49	3.79	
Personal attention from those in major	3.48	3.48	3.48	
Opp to increase self-understanding	3.43	3.42	3.45	
Required courses outside your major	3.28	3.25	3.35	
Helpfulness of IUPUI staff in general	3.23	3.24	3.22	
Academic advising in major department	3.11	3.05	3.26	**
Opp. to engage in community service	2.91	2.92	2.90	
Opp to engage in extra-curricular activities	2.69	2.67	2.73	
Opp to work on faculty research projects	2.56	2.57	2.54	

\*Responses provided on a 5-point scale where 1=Very Dissatisfied, 2=Dissatisfied, 3=Neutral, 4=Satisfied and 5=Very Satisfied

\*\*statistically significant difference between baccalaureates and associates at  $p \leq .05$

(Back to [Table of Contents](#), [List of Displays](#) )

The overall quality of their IUPUI education ranked second in terms of level of satisfaction for recent graduates. Seventy-five percent were either satisfied (53%) or very satisfied (21%) with the overall quality of their IUPUI education.

Another academic dimension, courses in your major area ranked third in terms of level of satisfaction, followed by (4) opportunity to work with other students in groups, (5) the opportunity to integrate learning and personal experience, (6) the quality of teaching by other IUPUI faculty not in your major, (7) the personal attention from those in your major, (8) the opportunity to increase self-understanding. Alumni were least satisfied with (9) required courses outside their major, (10) the helpfulness of IUPUI staff in general, (11) advising in their major department, their opportunities to (12) engage in community services and (13) extra-curricular activities and (14) work with faculty on research projects. Baccalaureate and associate degree recipients differed little in terms of their level of satisfaction with their IUPUI experience except in three instances. Associates reported less satisfaction with their opportunities to work in groups than bachelors and less satisfaction with the quality of faculty in their major. On the other hand associates were more satisfied with their academic advising than bachelors.

A final question on the survey asked alumni if they would encourage or discourage someone from taking courses at IUPUI. Display 5 shows that three-quarters of alumni would either encourage (50%) or strongly encourage (24%) someone to take courses here. One-fifth were neutral and six percent would discourage or strongly discourage someone who wanted to take courses here.

**Display 5. IUPUI Image****Would you Encourage Someone Who Wanted to Attend IUPUI?**

	Total		Baccalaureate		Assoc./Cert.	
	N	%	N	%	N	%
Strongly encourage	297	24%	204	22%	93	28%
Encourage	624	50%	473	52%	151	45%
Neither encourage or discourage	259	21%	192	21%	67	20%
Discourage	48	4%	31	3%	17	5%
Strongly discourage	25	2%	16	2%	9	3%



(Back to [Table of Contents](#), [List of Displays](#) )

## Conclusions and Implications

The alumni survey was developed to provide a baseline evaluation of the status of IUPUI's undergraduate degree recipients. Alumni input into the planning and assessment process is important in efforts to continuously improve the educational processes that students experience. Since the results of this survey represent initial baseline data it is not possible to infer trends at this time. This baseline can be used to examine future changes in the experiences and perceptions of IUPUI's recent alumni.

It is also informative to compare the results of this survey with results from the recently reported *Continuing Student Satisfaction and Priorities Survey*. Both recent alumni and continuing students report being more satisfied with their academic experiences and less satisfied with their social experiences and extracurricular activities. Both recent alumni and continuing students expressed a concern with the quality of academic advising in their major area.

For a majority of IUPUI students, current and recently graduated, work and college studies are inextricably bound. Both make better sense when considered together. Work determines attendance patterns (See [A Survey of Non-Returning Students](#), *Research Brief*, Vol 2. No. 2, February, 1994.), class scheduling, expectations for faculty and staff, as well as where students will attend college if they attend at all. Work also enriches the educational experience and makes it more relevant. IUPUI students express this important relationship in many ways including the amount they work while attending school, the perceived relation between work and school, and the mobility school offers them to new jobs or to advance within a current job.

Higher education is a life-long experience for the vast majority of recent IUPUI graduates who participated in this survey. Even though these alumni are older on average than traditional college graduate, most have subsequently enrolled or plan to enroll in the future, mainly at IUPUI.

Many students enroll at IUPUI in preparation for the workforce but it appears that most view their college education in terms of continuing professional development and career mobility. As long as the university fills these needs and provides a positive experience, our graduates will continue to be an important source of our future continuing students.

(Back to [Table of Contents](#), [List of Displays](#) )

## Appendix: Overall Results

### Student Satisfaction Ratings

	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	16	58	257	671	267	1%	5%	20%	53%	21%

Quality of teaching by faculty in your major area	29	80	230	594	330	2%	6%	18%	47%	26%
Quality of teaching by other faculty at IUPUI	26	128	444	531	127	2%	10%	35%	42%	10%
Academic advising in your major department	216	207	306	299	238	17%	16%	24%	24%	19%
Courses in your major area	19	74	291	618	262	2%	6%	23%	49%	21%
Required courses outside your major area	51	160	512	448	79	4%	13%	41%	36%	6%
Personal attention from those in your major department	110	173	292	388	306	9%	14%	23%	31%	24%
Opportunities to increase your self-understanding	39	91	396	342	123	4%	9%	40%	35%	12%
Opportunities to work with other students in groups	38	96	342	537	245	3%	8%	27%	43%	19%
Opportunities to integrate learning with personal experience	34	89	376	560	209	3%	7%	30%	44%	16%
Opportunities to engage in community services	146	221	579	226	90	12%	18%	46%	18%	7%
Opportunities to engage in extra-curricular activities	191	296	559	151	65	15%	23%	44%	12%	5%
Opportunities to participate in faculty members' research	275	272	504	143	64	22%	22%	40%	11%	5%
The helpfulness of IUPUI staff in general	116	186	377	459	128	9%	15%	30%	36%	10%

(Back to [Table of Contents](#), [List of Displays](#).)

Research Brief is a periodic publication of the [Office of Information Management and Institutional Research](#) at [Indiana University Purdue University Indianapolis](#).

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