

IMIR

# *Enrollment Reports and Analysis*

Volume 6 Number 1, November 2000

## **1999-00 Degrees Conferred**

### **Table of Contents**

|   |   |
|---|---|
| <p><a href="#">Overview</a></p> <p><a href="#">Conclusions</a></p> <p><a href="#">For Further Details</a></p> | <p><a href="#">Degree Types</a></p> <ul style="list-style-type: none"> <li>• <a href="#">Certificates</a></li> <li>• <a href="#">Associate</a></li> <li>• <a href="#">Baccalaureate</a></li> <li>• <a href="#">Master's</a></li> <li>• <a href="#">Doctoral and Professional</a></li> </ul> |
|---|---|

[\*\*Link to Fall 1999 Enrollment Report\*\*](#)

[\*\*Link to Five Year Trend Reports\*\*](#)

## **Overview**

For the first time in recent years, the number of degrees and certificates conferred at IUPUI rose significantly this past year. Overall the campus conferred 4,267 degrees and certificates during 1999-2000, up 161 degrees or 3.9% from the previous year. Figures were up for all degree levels with notable net increases in bachelor's degrees, certificates and master's degrees, and significant percentage increases in certificates and doctoral degrees.

The number of bachelor's degrees conferred increased this past year for the first time in the five years under review (1995-96 to 1999-2000). The campus conferred a total of 2,155 bachelor's degrees during 1999-2000, a one-year increase of 58 degrees (2.8%). The number of certificates earned at IUPUI continued to grow reaching a five-year high of 238 for this past year – up 41 or 20.8% from the prior year. Officially, the number of master's degrees conferred is up by 37 (6.0%) from the prior year but this year's figure of 652 is still lower than the five-year high of 681 master's degrees conferred during 1995-96. IUPUI is currently not credited with MBA's earned by our students (we will receive credit beginning in May 2001). When MBA figures are included, the total number of master's degrees earned by IUPUI students is 757 for 1999-2000 – up by 65 or 9.4% from the prior year but still lower than the unofficial total for 1995-96 (828). The number of doctoral degrees conferred at IUPUI increased by 16.2% (6 degrees) over last year's figure, establishing a slight upward trend. However, when Ph.D.'s earned by

IUPUI students but conferred by Purdue University at West Lafayette are included, there was no change in the number of doctoral degrees conferred.

Smaller but positive changes occurred at the associate and first professional levels. Degrees conferred at the associate level increased by 16 (2.9%) from 1998-99 to 1999-2000 continuing an upward trend. The number of first professional degrees remained stable with a slight increase of three degrees (0.5%).

|              | Degree Year (July 1 through June 30) |             |             |             |             | % Change                   |             |
|--------------|--------------------------------------|-------------|-------------|-------------|-------------|----------------------------|-------------|
|              | 1995-96                              | 1996-97     | 1997-98     | 1998-99     | 1999-00     | Ave 5<br>Year <sup>1</sup> | One<br>Year |
| Certificate  | 107                                  | 155         | 163         | 197         | 238         | 22.1%                      | 20.8%       |
| Associate    | 524                                  | 540         | 551         | 559         | 575         | 2.3%                       | 2.9%        |
| Bachelor's   | 2129                                 | 2128        | 2101        | 2097        | 2155        | 0.3%                       | 2.8%        |
| Master's     | 681                                  | 659         | 612         | 615         | 652         | -1.1%                      | 6.0%        |
| Doctoral     | 32                                   | 32          | 36          | 37          | 43          | 7.7%                       | 16.2%       |
| Professional | 587                                  | 542         | 624         | 601         | 604         | 0.7%                       | 0.5%        |
| <b>Total</b> | <b>4060</b>                          | <b>4056</b> | <b>4087</b> | <b>4106</b> | <b>4267</b> | <b>1.3%</b>                | <b>3.9%</b> |

<sup>1</sup>Annualized five-year percentage change.

(Back to [Table of Contents](#))

## Degree Types

### Certificates

IUPUI conferred 238 certificates for 1999-2000, a five-year high. The School of Engineering and Technology and the School of Social Work contributed largely to the increase with conferrals in a variety of new certificate programs. The two schools conferred a total of 62 certificates (39 for Engineering and Technology, 23 for Social Work). Of the schools averaging 15 or more certificates per year, Allied Health Sciences and Public and Environmental Affairs were the only schools with one-year increases. The Kelley School of Business conferred 13 fewer (27.7%) certificates this past year following a significant increase for the prior year (1998-99). Certificates conferred by the School of Dentistry also declined for 1999-2000 but have fluctuated over the five years reviewed.

|                        | Certificates by Degree Year<br>(July 1 through June 30) |            |            |            |            | % Change                   |              |
|------------------------|---|------------|------------|------------|------------|----------------------------|--------------|
|                        | 1995-96   | 1996-97    | 1997-98    | 1998-99    | 1999-00    | Ave 5<br>Year <sup>1</sup> | One<br>Year  |
| Allied Health          | 8   | 0          | 37         | 30         | 34         | 43.6%                      | 13.3%        |
| Business               | 49  | 36         | 29         | 47         | 34         | -8.7%                      | -27.7%       |
| Dentistry              | 20  | 21         | 17         | 23         | 15         | -6.9%                      | -34.8%       |
| Engr And Tech          | 0   | 0          | 0          | 0          | 39         | *                          | *            |
| Public & Envir Affairs | 23  | 87         | 71         | 78         | 83         | 37.8%                      | 6.4%         |
| Social Work            | 0   | 0          | 0          | 0          | 23         | *                          | *            |
| All Others             | 7   | 11         | 9          | 19         | 10         | *                          | -47.4%       |
| <b>Total</b>           | <b>107</b>  | <b>155</b> | <b>163</b> | <b>197</b> | <b>238</b> | <b>22.1%</b>               | <b>20.8%</b> |

<sup>1</sup>Annualized five-year percentage change.

\*Unable to calculate (inv div by 0).

Note: Data are shown for schools conferring either an average of 15 or more certificates over the last five year or 15 or more certificates in the most recent year. Data for all other schools are summarized in the "All Others" line.

(Back to [Table of Contents](#))

## Associate Degrees

IUPUI conferred a total of 575 associate degrees during 1999-2000 continuing a small but steady upward trend. Of the schools reviewed, those conferring an average of 15 or more associate degrees per year, the School of Engineering and Technology had the highest one-year net and percentage increases, conferring a five-year high of 195 associate degrees (up by 31 or 18.9%). The only other schools with increases this year include Dentistry, Allied Health, and Liberal Arts.

|                        | <b>Associate Degrees by Year</b> |            |            |            |            | <b>% Change</b>            |             |
|------------------------|----------------------------------|------------|------------|------------|------------|----------------------------|-------------|
|                        | (July 1 through June 30)         |            |            |            |            | Ave 5<br>Year <sup>1</sup> | One<br>Year |
|                        | 1995-96                          | 1996-97    | 1997-98    | 1998-99    | 1999-00    |                            |             |
| Allied Health          | 53                               | 43         | 38         | 35         | 37         | -8.6%                      | 5.7%        |
| Continuing Studies     | 96                               | 113        | 122        | 142        | 137        | 9.3%                       | -3.5%       |
| Dentistry              | 49                               | 50         | 46         | 44         | 49         | 0.0%                       | 11.4%       |
| Engr And Tech          | 132                              | 177        | 162        | 164        | 195        | 10.2%                      | 18.9%       |
| Liberal Arts           | 7                                | 7          | 10         | 14         | 15         | 21.0%                      | 7.1%        |
| Nursing                | 140                              | 105        | 103        | 102        | 98         | -8.5%                      | -3.9%       |
| Physical Education     | 20                               | 20         | 30         | 20         | 17         | -4.0%                      | -15.0%      |
| Public & Envir Affairs | 18                               | 16         | 27         | 26         | 19         | 1.4%                       | -26.9%      |
| All Others             | 9                                | 9          | 13         | 12         | 8          | -2.9%                      | -33.3%      |
| <b>Total</b>           | <b>524</b>                       | <b>540</b> | <b>551</b> | <b>559</b> | <b>575</b> | <b>2.3%</b>                | <b>2.9%</b> |

<sup>1</sup>Annualized five-year percentage change.

Note: Data are shown for schools conferring either an average of 15 or more associate degrees over the last five years or 15 degrees in the most recent year. Data for all other schools are summarized in the "All Others" line.

The School of Public and Environmental Affairs had the largest one-year decline in associate degrees (7 or 26.9%). This decline follows two years of relatively high associate figures for that school. Other schools with current declines in associate degrees include Continuing Studies, Nursing, and Physical Education.

(Back to [Table of Contents](#))

## Baccalaureate Degrees

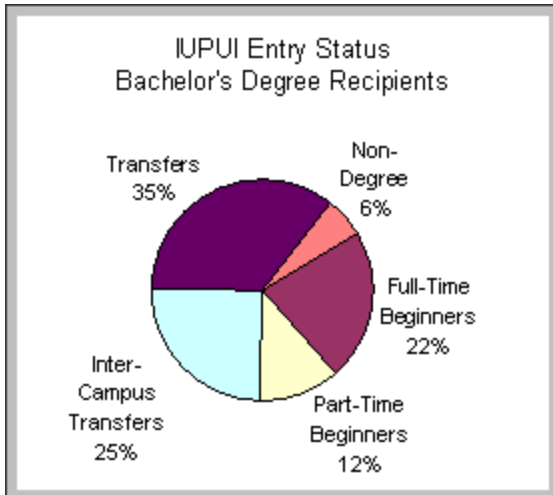
The number of bachelor's degrees awarded is up this past year for the first time in recent history. IUPUI conferred 2,155 bachelor's degrees during 1999-2000 – a one-year increase of 58 degrees (2.8%). The School of Continuing Studies experienced the highest one-year increase – up by 35 degrees (15.2%) from the previous year continuing a strong upward trend. The School of Liberal Arts had the second highest one-year net increase (26 degrees or 15.2%) and was up for the first time in the five-year period under review. The school with the largest one-year percentage increase was the School of Physical Education (14 degrees or 42.4%) conferring a five-year high of 47 bachelor's degrees. Other schools with current year increases include Science, Engineering and Technology, Social Work, Business, and Public and Environmental Affairs.

|                        | <b>Bachelor's Degrees by Year</b> |         |         |         |         | <b>% Change</b>            |             |
|------------------------|-----------------------------------|---------|---------|---------|---------|----------------------------|-------------|
|                        | (July 1 through June 30)          |         |         |         |         | Ave 5<br>Year <sup>1</sup> | One<br>Year |
|                        | 1995-96                           | 1996-97 | 1997-98 | 1998-99 | 1999-00 |                            |             |
| Allied Health          | 208                               | 217     | 212     | 199     | 194     | -1.7%                      | -2.5%       |
| Business               | 274                               | 261     | 279     | 317     | 324     | 4.3%                       | 2.2%        |
| Continuing Studies     | 162                               | 205     | 201     | 231     | 266     | 13.2%                      | 15.2%       |
| Education              | 207                               | 228     | 244     | 220     | 198     | -1.1%                      | -10.0%      |
| Engr And Tech          | 229                               | 206     | 216     | 256     | 269     | 4.1%                       | 5.1%        |
| Herron School Of Art   | 75                                | 69      | 69      | 89      | 61      | -5.0%                      | -31.5%      |
| Liberal Arts           | 233                               | 191     | 180     | 171     | 197     | -4.1%                      | 15.2%       |
| Nursing                | 287                               | 274     | 236     | 187     | 187     | -10.2%                     | 0.0%        |
| Physical Education     | 39                                | 40      | 34      | 33      | 47      | 4.8%                       | 42.4%       |
| Public & Envir Affairs | 149                               | 157     | 131     | 105     | 106     | -8.2%                      | 1.0%        |
| Science                | 179                               | 179     | 201     | 206     | 221     | 5.4%                       | 7.3%        |
| Social Work            | 71                                | 82      | 70      | 61      | 70      | -0.4%                      | 14.8%       |
| All Others             | 46                                | 48      | 38      | 32      | 45      | 4.8%                       | 21.0%       |

Note: Data are shown for schools conferring either an average of 25 or more bachelor's degrees over the last five years or 25 or more bachelor's degrees in the most recent year. Data for all other schools are summarized in the "All Others" line.

**Herron School of Art**

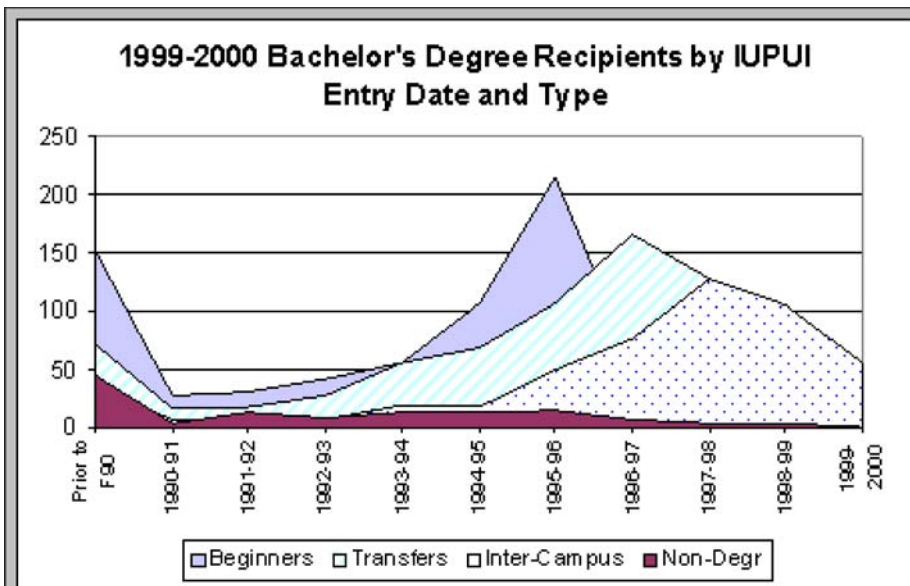
experienced both the highest net and percentage decrease in bachelor's degrees conferred – down 28 or 31.5% from 1998-99 to 1999-2000. While this decline follows a significant increase in the prior year, Herron's 1999-2000 degree figure is the lowest in the five years reviewed. The Schools of Education and Allied Health Sciences both experienced declines in bachelor's degrees this past year while the School of Nursing held steady following three years of decline. The number of bachelor's degrees for all other schools combined was down by seven degrees (from 22 to 15) from 1998-99 to 1999-2000.



Just over one-fifth (22%) of the bachelor's degree recipients [\[1\]](#) began as full-time beginners at IUPUI. This is

an important fact to consider since entering cohorts of full-time beginners are tracked to calculate our six-year graduation rate – the rate used nationally as a measure of institutional effectiveness. Although full-time beginners represent fairly small portions of our graduates and our entering cohorts, that is the measure for which we are held accountable.

Another 12% of the degree recipients were part-time beginners at IUPUI. Sixty percent of the bachelor's degree recipients transferred either from another IU campus (25%) or from another college or university (35%). The remaining six percent of the students began at IUPUI as non-degree-seeking students.



Fifteen percent of the bachelor's degree recipients first enrolled at IUPUI prior to the fall semester

1990 – more than 10 years ago. Almost 60% of the bachelor's degree recipients who entered IUPUI as beginning freshmen first enrolled during or after the 1994-95 academic year, graduating within six years. This figure is not our six-year graduation rate. The graduation rate is the percent of *entering* students who graduate within six years. While 60% of our *graduates* earned a degree within six years, only about 20%

of our entering full-time beginners for a given semester graduate within six years. Additional information about graduation rates will be published in an upcoming edition of *Enrollment Reports and Analysis*.

Two-thirds of the external transfers who earned a bachelor's degree during 1999-2000 entered IUPUI during or after 1995-96. Transfers from other IU campuses were likely to transfer later in their academic career with 82% entering IUPUI during or after 1995-96.

[1] Excludes students who previously earned a bachelor's degree from within the IU System and students who earned their degree through the School of Continuing Studies correspondence program.

(Back to [Table of Contents](#))

## Master's Degrees

Officially, IUPUI conferred 652 master's degrees during 1999-2000 – up by 37 degrees or 6% from 1998-99. However, IUPUI students earned an additional 105 MBA's conferred by IU Bloomington[1]. The School of Library and Information Science experienced an increase of 28 (280%) master's degrees from 1998-99 (the first year master's degrees were conferred at IUPUI) to 1999-2000. The number of MBA's conferred by the Kelley School of Business to IUPUI students increased this year (up 28 or 26.7% from 1998-99) following three years of significant declines. The school also conferred 11 degrees in their new program, Master of Professional Accountancy. The number of master's degrees conferred by the Schools of Dentistry, Engineering and Technology, Science, and Public and Environmental Affairs have fluctuated over the past five years but were all up for 1999-2000.

|                        | Master's Degrees by Year |            |            |            |            | % Change          |             |
|------------------------|--------------------------|------------|------------|------------|------------|-------------------|-------------|
|                        | (July 1 through June 30) |            |            |            |            | Ave 5             |             |
|                        | 1995-96                  | 1996-97    | 1997-98    | 1998-99    | 1999-00    | Year <sup>1</sup> | One Year    |
| Business               | 0                        | 0          | 0          | 1          | 11         | N/A               | 1000.0%     |
| Continuing Studies     | 15                       | 8          | 16         | 15         | 13         | -3.5%             | -13.3%      |
| Dentistry*             | 21                       | 23         | 33         | 20         | 27         | 6.5%              | 35.0%       |
| Education              | 72                       | 71         | 67         | 68         | 68         | -1.4%             | 0.0%        |
| Engr And Tech          | 28                       | 27         | 23         | 14         | 22         | -5.9%             | 57.1%       |
| Liberal Arts*          | 11                       | 11         | 13         | 25         | 26         | 24.0%             | 4.0%        |
| Library, Info Science  | 0                        | 0          | 0          | 10         | 38         | N/A               | 280.0%      |
| Medicine*              | 42                       | 46         | 29         | 39         | 33         | -5.9%             | -15.4%      |
| Nursing                | 112                      | 90         | 79         | 63         | 60         | -14.4%            | -4.8%       |
| Public & Envir Affairs | 102                      | 79         | 72         | 76         | 78         | -6.5%             | 2.6%        |
| Science*               | 98                       | 88         | 92         | 93         | 104        | 1.5%              | 11.8%       |
| Social Work            | 175                      | 203        | 177        | 174        | 151        | -3.6%             | -13.2%      |
| All Others             | 5                        | 13         | 11         | 17         | 21         | N/A               | 23.5%       |
| <b>Official Total</b>  | <b>681</b>               | <b>659</b> | <b>612</b> | <b>615</b> | <b>652</b> | <b>-1.1%</b>      | <b>6.0%</b> |
| MBA**                  | 147                      | 113        | 103        | 77         | 105        | -8.1%             | 36.4%       |
| Unofficial Total       | 828                      | 772        | 715        | 692        | 757        | -2.2%             | 9.4%        |

\*Includes degrees conferred through the Graduate School.

\*\*MBA's earned by IUPUI students are conferred at Bloomington.

<sup>1</sup>Annualized five year percentage change.

Note: Data are shown for schools conferring either an average of 15 or more master's degrees over the last five years or 15 or more master's degrees in the most recent year. Data for all other schools are summarized in the "All Others" line.

The School of Social Work conferred a five-year low of 151 master's degrees for

1999-2000 – down by 23 or 13.2% from the prior year. Of the other schools reviewed (those averaging 15 or more master's degrees) Medicine, Nursing, and Continuing Studies experienced decreases this year.

[1] Currently MBA's earned by IUPUI students are counted at IU Bloomington. Beginning in May 2001 IUPUI will receive credit for MBA's earned by our students.

(Back to [Table of Contents](#))

## Doctoral and Professional Degrees

|                             | Doctorate and 1st Prof. Degrees by Year |            |            |            |            | % Change                   |              |
|-----------------------------|---|------------|------------|------------|------------|----------------------------|--------------|
|                             | (July 1 through June 30)                |            |            |            |            | Ave 5<br>Year <sup>1</sup> | One<br>Year  |
|                             | 1995-96                                 | 1996-97    | 1997-98    | 1998-99    | 1999-00    |                            |              |
| <i>Doctoral Degrees</i>     |   |            |            |            |            |                            |              |
| Dentistry*                  | 1                                       | 4          | 2          | 1          | 1          | 0.0%                       | 0.0%         |
| Medicine*                   | 26                                      | 22         | 20         | 25         | 26         | 0.0%                       | 4.0%         |
| Nursing*                    | 4                                       | 6          | 14         | 7          | 12         | 31.6%                      | 71.4%        |
| Science                     | 1                                       | 0          | 0          | 3          | 3          | 31.6%                      | 0.0%         |
| Social Work*                | 0                                       | 0          | 0          | 1          | 1          | na                         | 0.0%         |
| <b>Official Total</b>       | <b>32</b>                               | <b>32</b>  | <b>36</b>  | <b>37</b>  | <b>43</b>  | <b>7.7%</b>                | <b>16.2%</b> |
| Science**                   | 4                                       | 6          | 10         | 10         | 4          | 0.0%                       | -60.0%       |
| Unofficial Total            | 36                                      | 38         | 46         | 47         | 47         | 6.9%                       | 0.0%         |
| <i>Professional Degrees</i> |   |            |            |            |            |                            |              |
| Dentistry                   | 74                                      | 78         | 97         | 98         | 91         | 5.3%                       | -7.1%        |
| Law                         | 262                                     | 206        | 247        | 243        | 249        | -1.3%                      | 2.5%         |
| Medicine                    | 251                                     | 258        | 280        | 260        | 264        | 1.3%                       | 1.5%         |
| <b>Total Professional</b>   | <b>587</b>                              | <b>542</b> | <b>624</b> | <b>601</b> | <b>604</b> | <b>0.7%</b>                | <b>0.5%</b>  |

<sup>1</sup> Includes degrees conferred through the Graduate School.

\*\* Ph.D.'s earned by IUPUI students in certain fields of study are conferred at West Lafayette.

<sup>1</sup> Annualized five-year percentage change.

IUPUI conferred 43 doctoral degrees during 1999-2000 – an increase of six degrees or 16.2% from the prior year. However, if Ph.D.'s awarded by Purdue West Lafayette [1] to IUPUI students are included, there was no one-year change in the total number of doctoral degrees earned. While the number of doctoral degrees awarded has fluctuated for all schools over the past five years, the campus has experienced a slight upward trend in total doctoral degrees conferred. One-year increases occurred in the Schools of Nursing (5) and Medicine (1). Science (PWL degrees) experienced the only one-year decrease (6).

The number of first professional graduate degrees conferred remained relatively stable this year (604 for 1999-2000 vs. 601 for 1998-99) following several years of slight fluctuations. Figures for the School of Dentistry are down by seven but have been relatively stable for the past three years following a significant increase for 1997-98. Professional degrees conferred by the Schools of Law and Medicine increased slightly this past year (6 and 4 respectively).

[1] Purdue West Lafayette awards Ph.D.'s to IUPUI students for most doctorate programs offered by the School of Science.

(Back to [Table of Contents](#))

## Conclusions

The number of master's degrees is expected to continue to climb, as there has been significant growth in student enrollments at that level in recent years and especially for fall 2000. Figures for doctoral degrees (43 for 1999-2000) are approaching the campus goal of 50 – the level now required for the new 'doctoral extensive' classification within the Carnegie system. However, recent downward trends in doctoral enrollments will make it difficult for the campus to reach that goal. Information about trends in student enrollment can be found in the accompanying enrollment report, *Fall 2000 Enrollment: Part 1 New and Continuing Student Profile* of the *Enrollment Reports and Analysis* series.

The growth in undergraduate degrees conferred this past year is encouraging, but the six-year graduation rate of new full-time beginners (the rate used as a measure of institutional effectiveness) continues to be a challenge for the campus. Changing trends in our student population, particularly trends related to the level of academic preparedness of our entering students, will impact the number of undergraduate degrees conferred and six-year graduation rates. Trends in retention and graduation rates, along with correlates of student success, will be examined in Part 2 of this report.

(Back to [Table of Contents](#))

---

## For Further Details

This report and analysis provides an overview of recent trends for the IUPUI campus. The Office of Information Management and Institutional Research (IMIR) provides this analysis as part of its *Enrollment Report and Analysis* series. This series also includes a set of tables that contain many different views of the degree figures over the past five years. IMIR also generates tables for each school. Copies of these reports are circulated to campus executive administrators, school deans, and faculty and staff who serve on campus committees concerned with academic and student affairs. In addition, IMIR posts the campus-wide reports on its web site. These reports can be accessed at our URL:

<http://www.imir.iupui.edu/imir>

under the “Enrollment Reports and Analysis” section. IMIR also encourages members of the campus community to request more specific views of these and other relevant institutional data by contacting our office by phone (278-2282), or by using the “Information Request” form on our web page.

---

### **Office of Information Management and Institutional Research**

**Campus Address: Union Building, Room G003**

**Mailing Address: 620 Union Drive, Room G003, Indianapolis, IN 46202-5167**

**Telephone: (317) 278-2282**

**Fax: (317) 274-3400**

---

Go to [Office of Information Management and Institutional Research](#) Home Page