

# CRIMSON CHRONICLE

Spring 2013

## SGSR IS NOW USING iThenticate SOFTWARE

The School of Graduate Studies and Research (SGSR) has begun utilizing software to check for plagiarism in theses and dissertations. Plagiarism is defined in the IUP Academic Integrity Policy in section II.A.3.

On February 26, 2013 the IUP Senate approved SGSR implementation of iThenticate plagiarism detection software and on March 14, 2013 the SGSR informed all IUP graduate students via e-mail of this implementation. iThenticate can accept large documents and it DOES NOT add the submitted work to its searchable databases.

### Q&A

#### **How will my thesis/dissertation be reviewed with iThenticate?**

When you send your thesis/dissertation to the SGSR for review, we will upload it to iThenticate. The program will compare your document to over 32 billion web pages and 125 million content items, including 34 million published works. iThenticate will automatically generate a report, flagging sections of the thesis/dissertation that bear some percentage of similarity to published content. Each student will be sent an electronic copy of the iThenticate report. The SGSR will carefully review the report produced by iThenticate and notify the student of the possible missed citations and trivial errors. If it appears that there is a significant amount of potentially plagiarized material, the student, committee chair, graduate coordinator, and Assistant Dean for Research will be notified for further investigation.

#### **Will each quote and/or citation in my thesis/dissertation be flagged?**

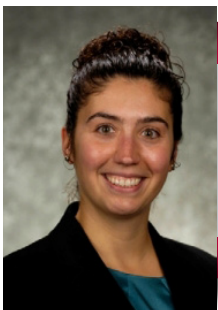
No. The iThenticate software allows the SGSR to set filters to exclude quotations and bibliographic information.

#### **Will my thesis/dissertation be added to an iThenticate database?**

No. Your thesis/dissertation will NOT be added to any iThenticate databases during the review process.

#### **Can I check my thesis/dissertation with iThenticate before the SGSR does so?**

Unfortunately, the SGSR's iThenticate license does not provide enough submissions for students to check their work.



*Dr. Hilliary Creely  
Assistant Dean for Research  
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THE NEWSLETTER OF  
THE SCHOOL OF GRADUATE  
STUDIES AND RESEARCH

[www.iup.edu/graduatestudies](http://www.iup.edu/graduatestudies)



### Also in the Issue:

- Improving IUP's Undergraduate and Graduate Websites.
- IUP Launches Mobile App for iPhone and Android.
- The Introduction of MyIUP Web Portal.
- Criminology Ph.D. Department Celebrates 25 Years of Excellence.
- Graduate Student Accomplishments

### Important Dates:

- May 1: Deadline of Application for May Graduation
- May 15: Research Topic Approval Forms Due for May 2013 Graduates
- May 18: Spring Commencement at the Kovalchick Convention and Athletic Complex
- July 1: Draft Copy of Thesis or Dissertation Due
- July 15: Signed Materials for Thesis Or Dissertation Due for August Graduates

# Graduate School Program Spotlight

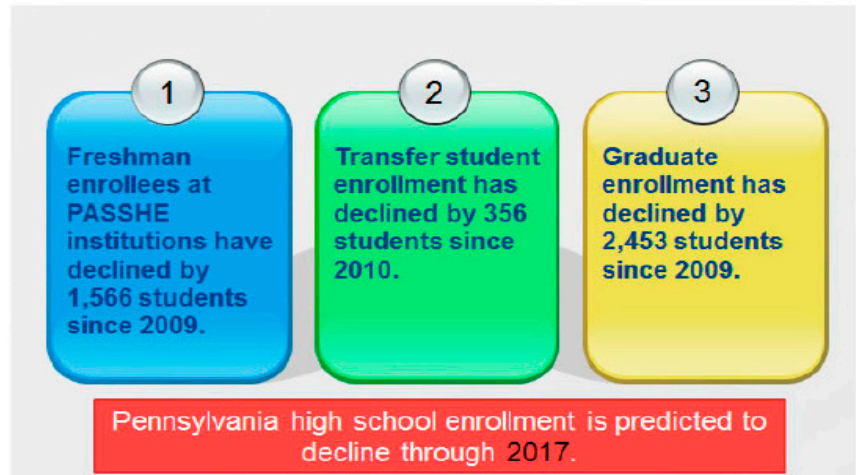
## Improving IUP's Undergraduate and Graduate Websites

By: Tim Mack

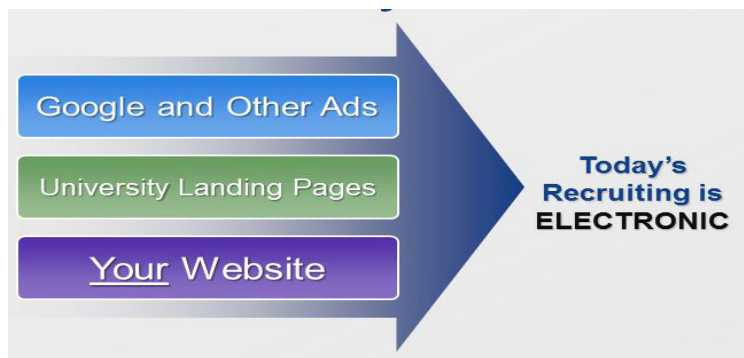
**High school enrollment is predicted to decline through 2017.** It is difficult to convince the legislature that PASSHE needs more funding when enrollment is declining system-wide.

This matters because tuition has been assuming an ever larger role in funding faculty and staff positions at IUP. As of Fall 2012, only 24% of IUP's funding is from the state of PA and 66% is from tuition revenues. **For Fall 2012, IUP was one of only three PASSHE institutions whose enrollment increased.** IUP must continue to be the 'enrollment anomaly' in PASSHE and maintain its enrollment if we are to remain financially stable

**All of our salaries and benefits now depend primarily on tuition, and thus enrollment.**



**IUP recently funded a Strategic Initiative proposal to improve every undergraduate and graduate website.** The proposal was to work with faculty to revise pages for all 60 of the departments within [www.iup.edu](http://www.iup.edu) and optimize the pages to be more attractive to prospective students- both undergraduate and graduate. We will also create several new Ektron templates that departments can use.



**WHY DO THIS?**  
The internet is now the primary source of information about education options for students.

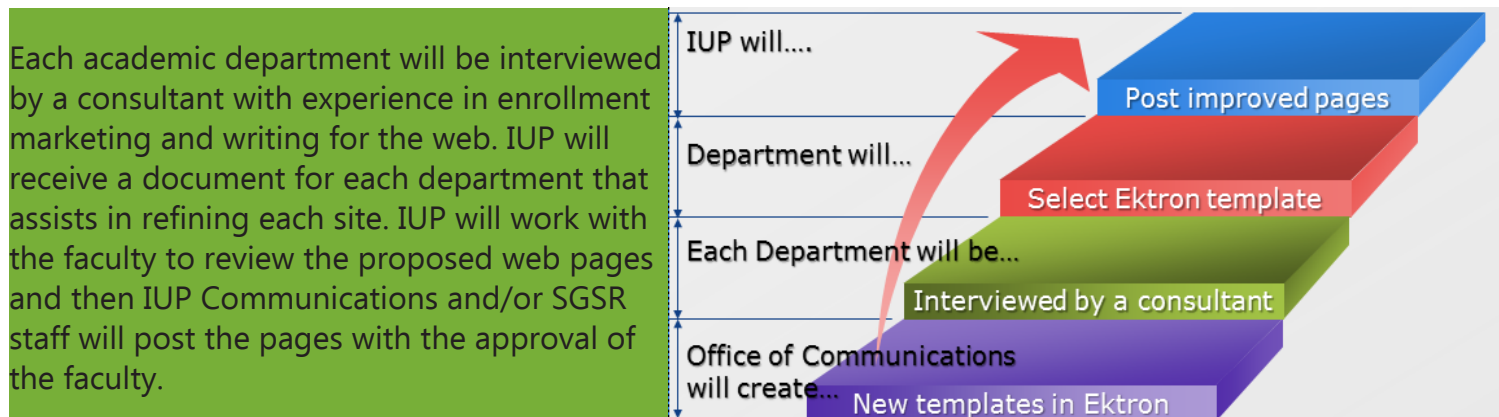
- **Facebook registered its 1 billionth** user in October 2012, with over 600,000 of those being mobile users.
- **More than 2 billion people watch YouTube** videos each day, and about 24 hours of video are uploaded to YouTube every minute.
- **Last year, about 55% of prospective graduate students viewed our websites using a mobile device** (March 4, 2013 data). This is a large percentage!

# Graduate School Program Spotlight

**Departmental websites are a crucial component of successfully recruiting prospective students. It is where the decision to attend IUP is often made**, especially for graduate students. These are the sites that prospective students are most likely to view as they learn what the program is about, what skills they will learn if they enroll, and whether or not graduates have been successful in gaining employment.

## HOW WILL THIS BE DONE?

1. **Two market research surveys will be launched.** The survey questions will probe what prospective students expect from the department pages, what they look for in regards to content, how they react to different layouts of content, and how design affects their use of the page.
2. **One internal research survey will be administered to IUP faculty** for the purpose of revealing their views about the web pages that describe their department in relation to optimization for recruitment.
3. **In-person focus groups** will be facilitated to gather qualitative information. The focus groups will help gain an understanding from the faculty's view of the intent of the web pages for each program. The focus groups will also serve as consensus building tool amongst faculty.
4. **The marketing firm will use the results to develop several new 'looks' for IUP's** academic departmental website pages. The IUP Office of Communications and Marketing will then create new visual designs (templates) around each of these as part of their work to upgrade our installation of Ektron to the latest version.



## WHAT WILL THIS INITIATIVE ACCOMPLISH?

The outcome will be that the undergraduate and graduate websites at IUP will be refreshed to be **more appealing** to prospective students. Based on past experience, this means that **'time on page'** will likely at least double for each prospective student, and that is what we want. **More time spent on a page usually equals more interest, and more inquiries.** With more inquiries, IUP receives **more applications** and more students are admitted. Having multiple templates for departmental websites will allow departments to customize their sites and do a much better job of communicating to constituent groups.



# School of Graduate Studies and Research Announcements

## Innovation and Excellence Abound in the School of Graduate Studies and Research!

Showcasing excellence in research and scholarship, the undergraduate and graduate scholars forums, which took place on April 2nd and 3rd, remain one of the premiere events of the academic year. **More than 250 of IUP's best and brightest students shared their scholarly work through musical performances, research posters, oral presentations, business cases, and art exhibits.**

Faculty support in the form of sponsorship of student research and judging of the entries (many wore BOTH hats) remains a critical piece of the on-going success of the forums. Our thanks to all members of IUP's community of scholars who contributed their time and talents to our annual celebration of innovation and excellence!

Not to be outdone by their students, a number of graduate programs have developed innovative curriculum to meet the needs of a changing academic landscape. Here are some examples of recently approved curriculum proposals.

**PHYSICS:** Professional Sciences Masters in Nano-science for Industrial Materials

**CHEMISTRY:** Professional Science Masters in Applied & Industrial Chemistry

**NURSING:** Developed a curricular pathway from DNP (clinical degree) to PhD in Nursing

**COUNSELING:** Major revision to MA in Clinical Mental Health Counseling to provide students with a developmental, lifespan approach to counseling and meet new accreditation and licensing standards.

**EMPLOYMENT AND LABOR RELATIONS:** A variability of delivery for the MA in Employment and Labor Relations to deliver courses via distance education to a cohort of students in the Dixon Center in Harrisburg.



*Dr. Shari Robertson  
Dean's Associate  
srobert@iup.edu*

Click [HERE](#) for Graduate Student Accomplishments!

**The Graduate Admissions office is proud to announce the newest member of our team--Ms. Carrie McCunn.** Carrie is one of our Application Specialists and is responsible for processing student applications for the College of Health and Human Services, College of Humanities and Social Sciences, and Eberly College.

Welcome to the SGSR family Carrie!



*Eric Litzinger  
Director of Graduate Admissions*



## IUP Launches Mobile App for iPhone and Android

IUP launched a mobile application for iPhone and Android phones on February 23. **As of March 26, the app had been downloaded by 3,655 users.** Known as "IUP Mobile," the app is available as a free download through the Apple App Store and the Google Play Store.

The mobile application was developed by a team of faculty members, students and administrators.

**It offers icons linking users to the IUP directory, a campus map, a calendar of events, campus news, athletics and the IUP Facebook page and Twitter feed.** It also has an icon for alumni, which leads to news, event listings, contact information, the alumni Facebook and LinkedIn pages, and other sites of special interest to alumni.

After logging in to the app using their personal identification information, students can access their grades and class schedules and contact their advisers. **Faculty members can access their class schedules and lists of their current students and advisees, as well as their contact information.** All data transferred by the app is secure.

The mobile application is receiving positive reviews by users, maintaining a **4.5-star rating on the Apple App Store.**

A task force will continue to track user comments and suggestions as part of plans to continue to update the mobile app to meet the needs of users.



Download Our  
New App!

## MyIUP Web Portal Coming Soon

MyIUP, a new web portal coming in 2013, will provide single sign-on to many web-based campus tools. Students, faculty, and staff can enjoy centralized access to tools currently found in URSA and other locations, as well as content tailored to them.

### With MyIUP—

- Students can **register for courses** and see their grades and more academic information.
- Students, faculty, and staff can **get announcements**, news, and other content tailored to them based on IUP campus, college, employee classification, etc.
- New students and those about to graduate will **get timely content** and reminders.
- Graduate students will **get targeted content** for academic resources, library services, and financial aid information
- IUP **social media sites** can be seen at a glance.

MyIUP will be rolling out to the campus community in September 2013.

# School of Graduate Studies and Research Announcements

## May 2013 Graduation and Commencement



Masters and Doctoral students who are planning to graduate in May 2013 are reminded to **apply for graduation via URSA no later than May 1.**

**Spring Commencement takes place Saturday, May 18** at Kovalchick Convention and Athletic Complex.

The morning ceremony is at 9:00 a.m. for the colleges of Fine Arts, Natural Sciences and Mathematics, and Health and Human Services.

The afternoon ceremony is at 1:30 p.m. for the Eberly College of Business and Information Technology, and the colleges of Humanities and Social Sciences, and Education and Educational Technology.

**Doctoral and Masters students who are graduating in May are invited to attend. August Masters graduates are also invited to walk in the May ceremony.** RSVP for Commencement by logging in to the secure area of URSA.

Visit [www.iup.edu/commencement](http://www.iup.edu/commencement) for additional details about Spring Commencement.

## Criminology Ph.D. Department Celebrates 25th Anniversary

On March 21st, the department of Criminology's doctoral program hosted its 25th anniversary dinner at the Academy of Criminal Justice Sciences meetings in Dallas, Texas. Over 55 faculty, alumni, and current students attended the event. **To date, the doctoral program has graduated almost 115 students making it one of the highest producing doctoral programs in the nation.**

At the event, IUP faculty members **Dr. Robert Mutchnick** and **Dr. Timothy Austin** were recognized for their contributions to the doctoral program. Each played an integral role in the creation of the program and has contributed significantly to student success over the years.

In addition, **four distinguished alumni** were recognized for their outstanding work since graduation. **Dr. George Higgins** received the Distinguished Scholar award, **Dr. Tina Freiburger** received the Distinguished Young Scholar Award, **Dr. Kathrine Johnson** received the Distinguished Teaching Award, and **Dr. Mahfuzul Khondaker** received the Distinguished Service Award.

When created, IUP's doctoral program in Criminology was only the 6th in the nation and today, is still only **one of about 45 such programs in the United States.** With its focus on preparing future faculty, the program retains a distinctive niche in the discipline.



## Celebrating Undergraduate Research at the State Capitol

IUP was represented by two student/faculty research pairs at the **10th Annual Research at the Capitol event**, which was held at the State Capitol Building in Harrisburg on **March 19, 2013**. The event's mission is to bring together students, faculty, and legislators to share the experiences of students engaged in research and scholarship at Pennsylvania colleges and universities.

**Bridgett Ryan**, a student in Early Childhood/Special Education, presented her project "The Language and Literacy Gap" with her faculty research mentor **Dr. Kelli Paquette**.

**John Kamu**, a biology student, presented his project "Persea Americana as a Source of Biofuel" with his faculty research mentor **Dr. Jeff Larkin**.

Joining IUP's researchers at the event were Pennsylvania **State Representative Dave Reed** and **Pennsylvania Senator Don White**.



John Kamu and Bridgett Ryan

## IUP's Institutional Animal Care and Use Committee (IACUC)

**The IACUC has just completed a comprehensive review of its operation and services**, and has begun implementing oversight of teaching uses of animals, in addition to its current administration of animals used in research. Many of the IACUC user forms have been updated to reflect these efforts, **both of which should enable IUP personnel to more-effectively conduct their research and teaching**, while ensuring that all animal uses within the University are both necessary and humane.

**Over the new few months, the IACUC plans to:**

- **Streamline and update its website** to make its content easier to find.
- Adopt and provide to the IUP community a series of online, animal-use training modules that will **enable IUP personnel to complete and/or update animal use training** and provide them with documentation of training completion.
- **Test an electronic document submission and review system**. If suitable, this system will be adopted in the near future, allowing IACUC users to submit electronic, rather than paper, copies of their animal use protocols.

IUP's IACUC can be found online at [www.iup.edu/iacuc](http://www.iup.edu/iacuc). Questions or concerns? Email us at [iacuc-info@iup.edu](mailto:iacuc-info@iup.edu).

IUP's Institutional Animal Care and Use Committee (IACUC) has been busy recently, working on several new initiatives that will improve its ability to serve the IUP research and teaching community.

## IUP's Institutional Review Board (IRB) for the Protection of Human Subjects

Greetings from the Institutional Review Board (IRB)! The IRB continues to review hundreds of protocols every year, provides consultation and education to assist researchers, remains current with evolving issues associated with the ethical conduct of research with human participants, and strives to foster a review and surveillance structure that serves the research mission of IUP. There are several areas of the work of the IRB that we'd like to highlight.

### The IRB Calendar

The IRB calendar remains much as it has been for many years. Barring unusual features of the overall calendar (e.g. holidays), the board is **scheduled to meet on the third Wednesday of every month** (including the summer). The "deadline" on our calendar has been a source of confusion for some. The deadline that appears is for research protocols that are to be reviewed at the next meeting of the Full Board. **This deadline is seven work-days ahead of the scheduled meeting**, allowing for the IRB secretary to catalogue and disseminate protocols for Board member review.



For the vast majority of protocols, the deadline is not significant because they are reviewed on an expedited basis. **For projects that do require review by the full board, the research team is notified of this fact and is invited to the meeting to discuss the review.** While the presence of the research team is not required at the meeting of the Board, we have consistently found that investigators are glad that they attended the meeting and that issues are resolved much more quickly and clearly.

### A New Form and Electronic Submissions

**The IRB chair and SGSR administration examined the leading electronic platforms that are commercially available for the submission, review, and surveillance of human research protocols.** Unfortunately, these platforms are prohibitively expensive, both to install as well as maintain. Since the cost was far from appropriate to our circumstances at IUP, we felt the need to make some other changes. So, we took our existing submission form, improved the format significantly and revised our instructions carefully. The form looks very much like it used to look, but it is much easier to complete.

**In addition to the improved format, we now accept submissions electronically.** Simply put, a researcher can send documents as an email attachment to **Julie Bassaro (jbassaro@iup.edu)**. If a "live" signature is difficult to secure (such as when a member of a research team is away from campus), one may simply have an email that indicates endorsement originating from a member of the research team to Ms Bassaro and these are added to the file. **As an aside, the board recommends that all correspondence from student researchers be copied to the project supervisor.** There has been many situations in which confusion has developed because the student did not consult adequately with her/his mentor before communicating with the IRB or other extra resources. When students communicate with us without apparent inclusion of her/his mentor, we will issue a suitable reminder.

**We strongly encourage you to use the new form** and we will begin to require the new form in the Summer. Since the attractions are so detailed and the appearance so similar to its prior version, we saw promise in this new approach. So far, newly submitted protocols look much better and we have received a number of comments that praise the new instructions. As always, your comments, questions, and suggestions are welcomed.





## Research Highlight

Congratulations to IUP's 2011-12 "Top 10" Primary Investigators/Project Directors!

A second "Congratulations" to the following for achieving recognition in the "Top 10" two years in a row:

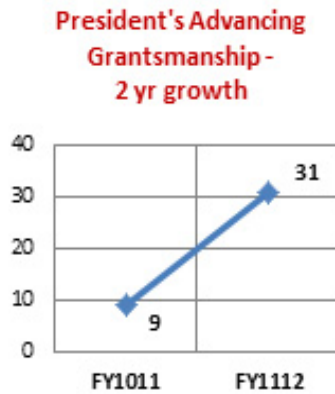
Sam Gualardo  
Donald Gamble  
Calvin Masilela

Combined, these top 10 awards account for 64% of all external dollars received by IUP during Fiscal Year 2011/2012.

|   |                    |
|---|--------------------|
| <b>1. Gualardo, Samuel; FY 11/12PA OSHA Consultation</b>  | <b>\$1,881,000</b> |
| Sponsor: U.S. Department of Labor   |                    |
| <b>2. Gamble, Donald; Career &amp; Technical Education Professional Development Centers</b>   | <b>\$1,267,928</b> |
| Sponsor: Carl Perkins Vocational and Applied Technology   |                    |
| <b>3. Knorr, Barnett; Career &amp; Technical Education Professional Development Centers</b>   | <b>\$1,267,928</b> |
| Sponsor: Carl Perkins Vocational and Applied Technology   |                    |
| <b>4. Gerber, Thomas; Kingdom Software License Agreement</b>  | <b>\$332,210</b>   |
| Sponsor: HIS Global, Inc.   |                    |
| <b>5. Wilson, Robert; The Underground Mine Map Initiative</b>   | <b>\$245,908</b>   |
| Sponsor: Pennsylvania Department of Environmental Protection  |                    |
| <b>6. Masilela, Calvin; Upward Bound Math &amp; Science</b>   | <b>\$242,250</b>   |
| Sponsor: U.S. Department of Education   |                    |
| <b>7. Masilela, Calvin; Ronald E McNair Postbaccalaureate Achievement Program</b>   | <b>\$223,839</b>   |
| Sponsor: U.S. Department of Education   |                    |
| <b>8. Nuttle, Timothy; Investigating Mechanisms of Trophic Ricochet in Canopy Food Chains</b>   | <b>\$197,354</b>   |
| Sponsor: National Science Foundation  |                    |
| <b>9. Larkin, Jeffery; Implementing NRCS Conservation Practices to Create Early Successional Habitat for Golden-Winged Warbler on Private Lands in PA</b> | <b>\$191,381</b>   |
| Sponsor: National Fish & Wildlife Federation  |                    |
| <b>10. Moreau, Ronald; Government Contracting Assistance Program (GCAP)</b>   | <b>\$189,364</b>   |
| Sponsor: Defense Logistics Agency   |                    |

# Research Highlight

## Recipients of the Grant:



Courtney McLaughlin  
 Bharathan Narayanaswamy  
 Lisa Newell  
 Gloria Park  
 Raymond Pavloski  
 Teresa Shellenbarger  
 Jana Villemain  
 Veronica Watson  
 Michael Williamson

John Ford  
 Melvin Jenkins  
 Megan Knoch  
 Charles Lake  
 Jeff Larkin  
 Carl LeBlond  
 James Lenze  
 Johnathan Lewis  
 Steve Loar  
 Laura Marshak  
 Calvin Masilela

Susan Boser  
 Michelle Bruno  
 Beverly Chiarulli  
 Kristy Chunta  
 Claire Dandeneau  
 Kim Desmond  
 Cuong Diep  
 William Donner  
 Joseph Duchamp  
 Soundararajan Ezekiel  
 Justin Fair

## IUP's Million Dollar Club for Fiscal Year 2011/2012

"IUP's Million Dollar Club" for Fiscal Year 2011-2012. Colleges, Departments, Divisions, and Centers & Institutes (if applicable) are recognized individually in the "Million Dollar Club" in order to fully recognize all researchers contributing to the overall success of IUP's research portfolio. Therefore, for the purpose of this particular chart, department and Centers & Institutes dollars are included in their respective college totals as well.

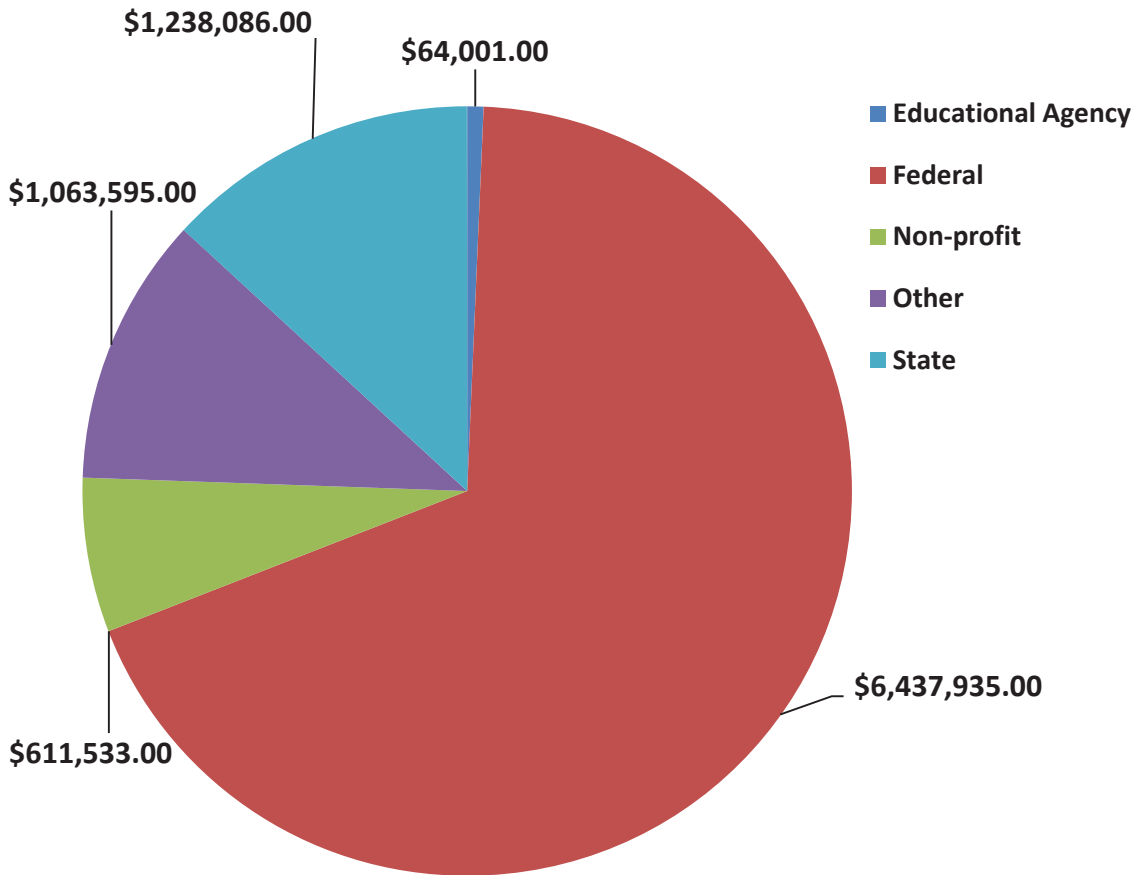
Congratulations to the six repeat honorees! These honorees were also recognized by the Million Dollar Club in the 2010/2011 Fiscal Year.

### IUP's Million Dollar Club for Fiscal Year 2011/2012:

|  |             |
|--|-------------|
| College of Education & Educational Technology                | \$3,471,529 |
| Career and Technical Education Professional Dev'l Center     | \$2,535,856 |
| College of Health & Human Services                           | \$2,495,783 |
| Department of Safety Sciences (PA/OSHA Consultation Program) | \$1,881,000 |
| College of Humanities & Social Sciences                      | \$1,334,195 |
| College of Natural Sciences & Mathematics                    | \$1,159,286 |

# Research Highlight

## Awards by Originating Funding Source Fiscal Year 2011 -- 2012



IUP received the most awards and the highest dollars from the federal government (\$6,437,935) with The Carl Perkins Vocational and Applied Technology the top federal funder at \$2,535,856. The State of Pennsylvania came in second at \$1,238,086. The federal and state agencies, combined, accounted for 82% of IUP's externally sponsored funding.

### **The overall top 3 agencies to fund IUP for Fiscal Year 2011-2012 are:**

|  |              |
|--|--------------|
| Carl Perkins Vocational & Applied Technology | \$ 2,535,856 |
| U.S. Department of Labor                     | \$ 1,911,120 |
| U.S. Department of Education                 | \$ 602,866   |