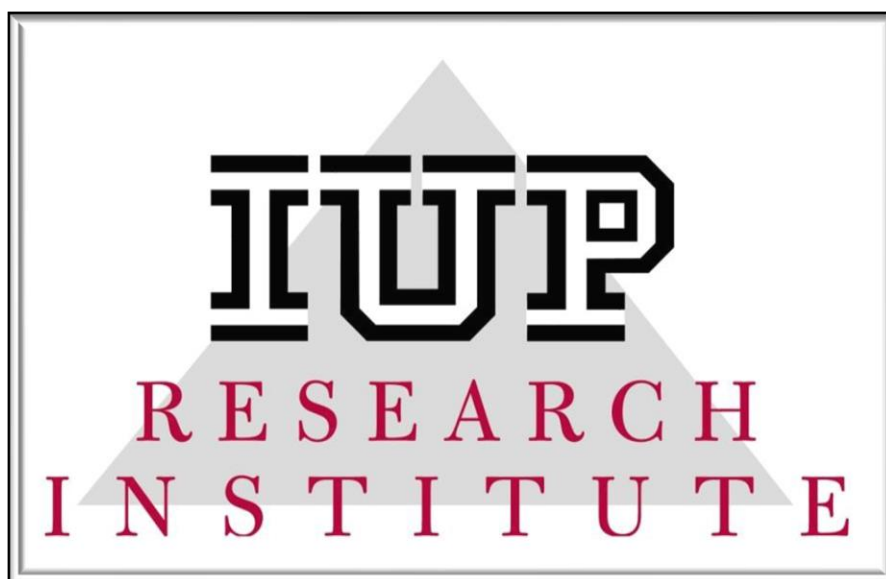


*Indiana University of Pennsylvania
Fiscal Year 2023-2024*

Annual Grantsmanship Report



*Externally Sponsored Awards
July 1, 2023 – June 30, 2024*

**IUP Research Institute
110 Stright Hall
Indiana, PA 15705
<http://www.iup.edu/researchinstitute>**

Indiana University of Pennsylvania FY2023-2024 Annual Grantsmanship Report

Who or what is the IUP Research Institute and what, exactly, is our role? We are YOUR “Office of Sponsored Research” and work collaboratively with key offices and IUP personnel. IUP administration created the Research Institute in 2004 to help facilitate and grow the sponsored research activity on campus. We were created BY you FOR you!

The Mission of the IUP Research Institute is to advance the research agenda and educational objectives of Indiana University of Pennsylvania and partner institutions in the PASSHE and to promote greater collaborations across the system. The Research Institute provides a full range of pre- and post-award services designed to provide support for University researchers. The Research Institute is governed by an independent Board of Directors which is responsible for upholding the Institute’s Articles of Incorporation, By-Laws, and the principles set forth in the Affiliation Agreement with the University. The Board is composed of appointed University representatives and local community business leaders.

Indiana University of Pennsylvania and the IUP Research Institute jointly administer external funds. The IUP Research Institute is a 501c (3) organization that operates independently for the benefit of Indiana University of Pennsylvania, under the terms of the Affiliation Agreement.

The team of 10 individuals at the Research Institute, collectively, hold a myriad of professional certifications and expertise and hold membership in professional organizations. We have individuals who focus primarily on the pre award (identifying funding opportunities, developing proposals and budgets, managing the review and approval processes, and navigating a variety of submission portals and processes), post award (contract review and negotiations, budget modifications, no cost extensions, purchasing and travel regulations, technical and fiscal reporting, and award closeout. Our team consists of Certified Research Administrators (with a focus on pre, post, and fiscal research administration) and we attend and actively participate in professional organizations like the Society for Research Administrators, the National Council of University Research Administrators, the National Organization for Research Development Professionals, and the University Connected Research Foundation.

In addition to serving as IUP’s Office of Sponsored Research, the IUP Research Institute provides these same services to sister PASSHE institutions, Commonwealth University and Pennsylvania Western University. Our primary goal of these partnerships is to connect researchers from across the State (or at least these 7 campuses) and facilitate collaborative grant proposals.

The RI works diligently to ensure proposals submitted are of the highest possible quality, while adhering to standard operating procedures. The RI helps to ensure the proposal meets agency guidelines, meets applicable federal, state, and university pre-requisites, requires reasonable university support, and that the budget and scope of work are consistent, and have been appropriately reviewed and authorized by IUP and IUPRI administrative entities.

When appropriate (and as time permits), the School of Graduate Studies and Research (SGSR) provides an in-depth review/edit of proposal narratives to help ensure the highest possible quality. For “significant projects,” professional external reviewers are utilized and paid for by the SGSR. These efforts have greatly improved the quality of our proposals and the grant-writing expertise of our researchers. It is fully expected that we will see a long-term return on investment as these researchers continue to grow and succeed in grantsmanship activities.

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To promote post-award success, upon award receipt, the RI facilitates a “kick-off” meeting with the Principal Investigator to discuss and review the mechanics of how to efficiently execute the scope of work. Compliance with federal, state, and university policies and regulations are emphasized. These meetings may include members from administration, grants accounting, purchasing, human resources, and any other areas pertinent to successful outcomes. These “kick-off” meetings assist the researcher in understanding basic requirements such as purchasing equipment, grant-funded graduate assistantships, and processing summer compensation or academic year releases.

Staying up to date with federal, state, and other agency compliance requirements for sponsored activities is one of the most important responsibilities of the RI. To assist IUP in this function, the RI requires staff to participate in at least one professional organization conference per year. Partnering with the SGSR, the RI assisted in establishing standard operating procedures in areas such as technology transfer, research misconduct, intellectual property, and other related areas.

The Research Institute team is committed to continuous improvements to ensure researchers receive the most efficient and compliant assistance with their research endeavors. Policies, procedures, and workflow are under continual review and are modified as needed to accommodate changes to the Uniform Guidance and best practice initiatives.

Events in support of research:

- ***PI Mentorship Academy (a researcher bootcamp!)***
- ***Various workshops, presentations, and trainings, including student presentations (F2F or virtual)***
 - ***None scheduled? Just ask us!!***
- ***Annual Deans’ breakfast***
- ***Annual Researchers’ Reception and the Crimson Cup competition***
- ***Co-host Research Appreciation Week with School of Graduate Studies & Research***
- ***Participation in New Faculty Orientation, Council of Chairs, Council of Deans, and departmental/faculty meetings***

“Research is the process of going up alleys to see if they are blind.” – Marston Bates

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External funding represents additional resources to IUP, our researchers (faculty and staff), our students, and to the larger community to include Indiana County, the State of Pennsylvania, and well beyond. Research done at or by its researchers impacts communities world-wide including Germany, Honduras, China, Guatemala, Mallorca, and Taiwan. IUP is one of only 93 public universities designated as a R2 by the Carnegie Foundation for the Advancement of Teaching and this past year reaffirms our place in this prestigious club. How did IUP make this success a reality? At the core of our research infrastructure and successes are the exceptional faculty, staff, and students who work diligently to write proposals and successfully manage the post award activities and deliverables. Research really is part of our DNA at IUP!

As you'll see in the data presented within this report, the biggest increase was in federal funding. This is significant as federal awards provide the largest amount of indirect funds back to IUP. These are the funds we use to provide match support for new proposals, fund research incentives like equipment maintenance, travel and internal grant support, research appreciation week, library resources, the Office of Undergraduate Research, Scholars Forum, U-SOAR, and many other much needed resources.

As with anything, growth requires a healthy, fertile environment and an investment in time and resources. This is where the research infrastructure at IUP excels. The unique and robust infrastructure allows researchers to flourish – the Research Institute, School of Graduate Studies and Research, IUP Grants Accounting, Undergraduate Research Office, the Libraries, and the academic leadership (deans, Provost, President) team together provides support and guidance to our researchers. At IUP, we believe the researchers should have the support needed to ensure their success – we work diligently, behind the scenes, to allow them to have time and resources needed to complete their deliverables knowing there are experts to help ensure overall compliance with purchases, invoicing, fiscal reporting, and financial accountability. That's our job!

A strong dedication to scholarly growth, academic excellence, and a renewed focus on student success have been key to this year's growth and success. These commitments have proven remarkable returns on our investments. THANK YOU to all the researchers, research team members, leadership, and students who have helped make this year so memorable.

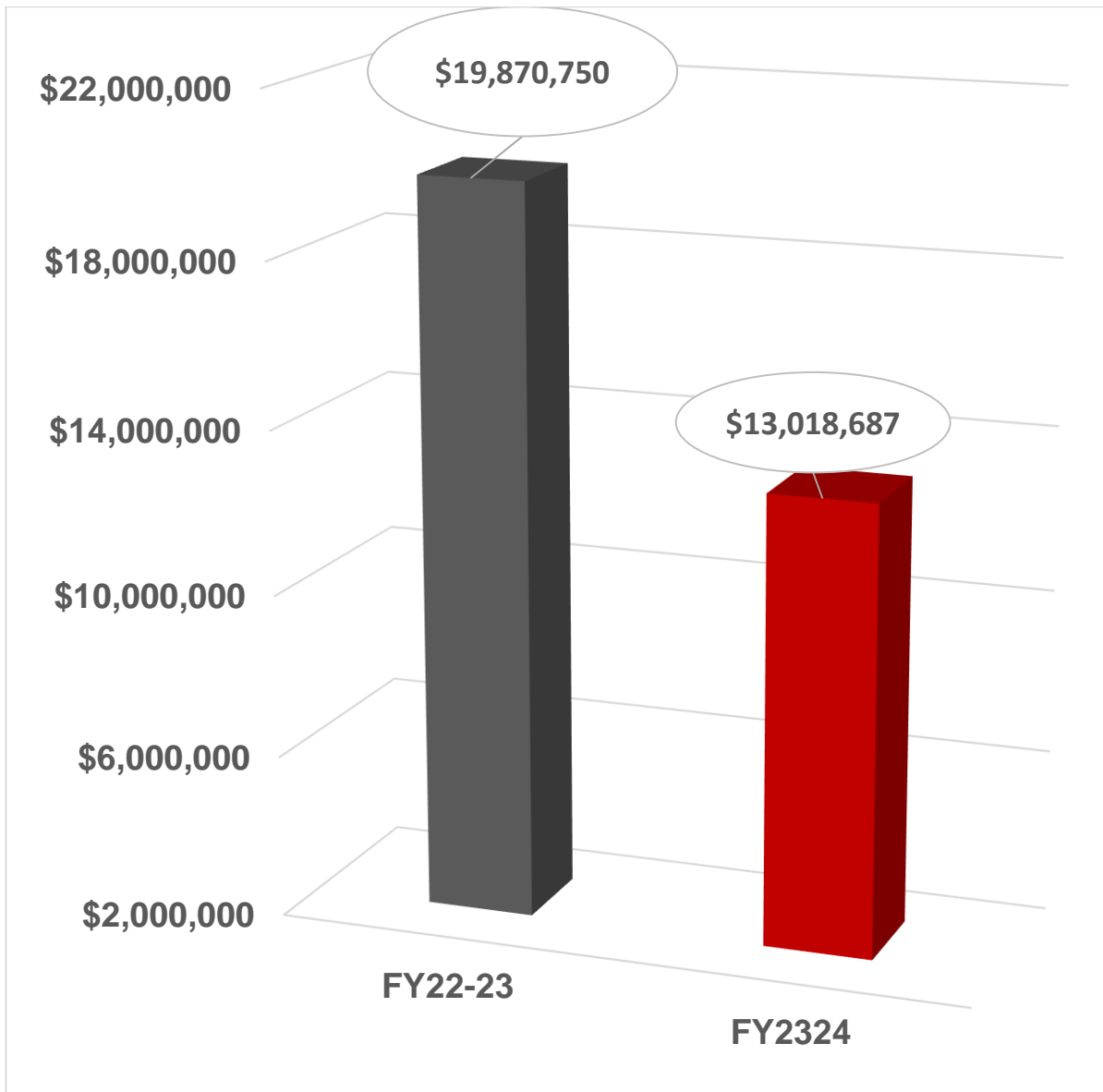
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This Annual Report of Externally Sponsored Activities summarizes externally funded grants, contracts, and cooperative agreements for the year of **July 1, 2023 – June 30, 2024 (Fiscal Year 2023-2024)**. This report is designed to recognize IUP faculty and staff members who dedicate their time, talents, and expertise to seek and receive external funds for their research, teaching, and creative activities. These accomplishments represent the outstanding commitment on the part of faculty and staff to advance the research, teaching, and public service missions of the University through external funding.

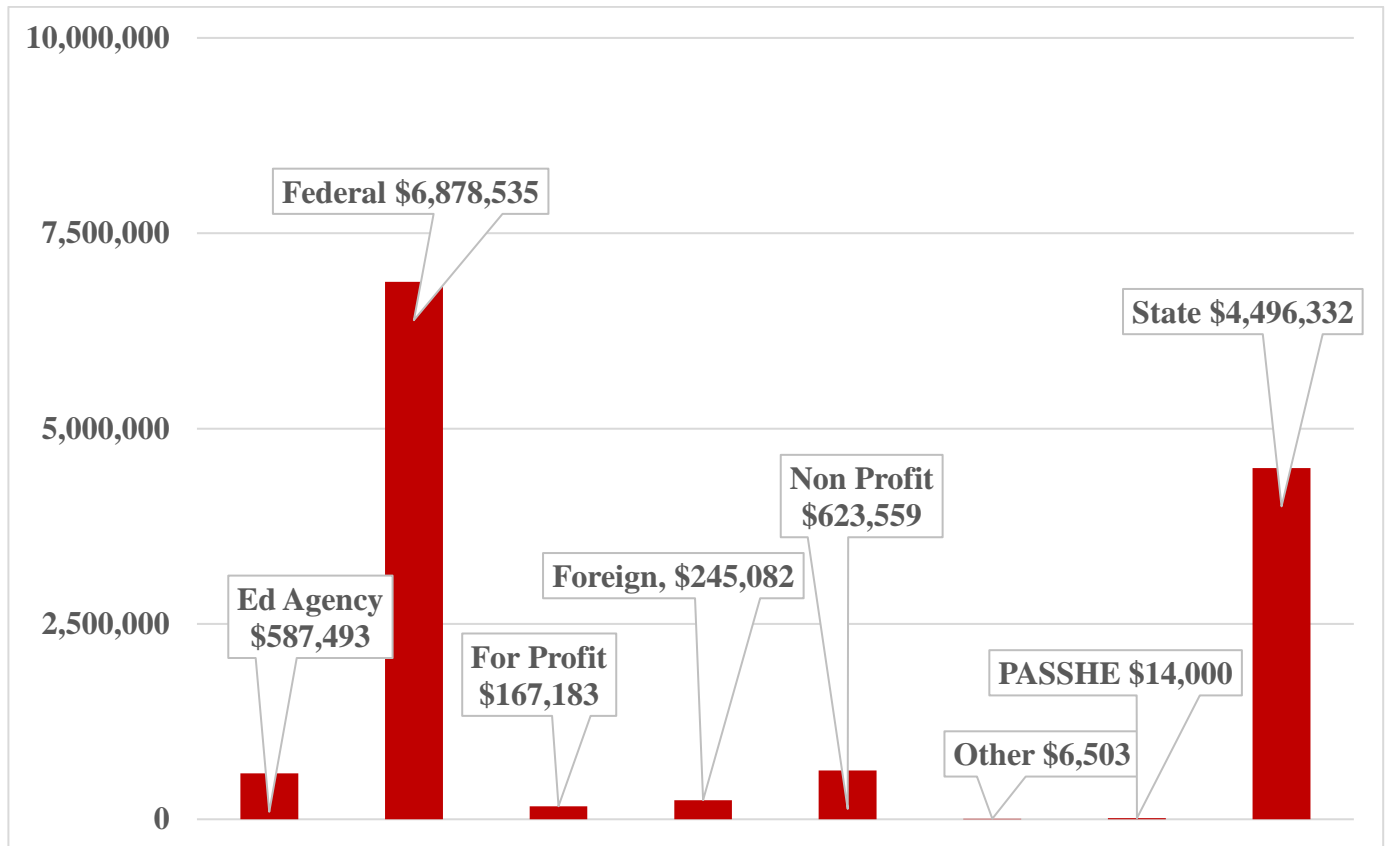
This report is sectioned by award data, expenditure data, and proposal data. Note that expense data transcends multiple fiscal years and is dependent upon the period of performance and spending plans of each individual grant project. Many times, even with effective post-award management, activities performed differ from activities planned at the proposal stage. Changes in activities often result in modifications to the budget and expenses incurred. When these changes occur, the dollar amounts actually expensed can differ from the award expectations. In the case of cost-reimbursable grants (large majority), the dollar amounts actually expensed and received by the institution could be less than what was awarded by the funding agency (at least in the time frame covered by this report). In addition, award dollars are not ‘split’ by or among co-investigator(s). Therefore, the department/unit of co-investigators are not recognized in this report. Alternate reports are available upon request.

A multitude of offices, divisions, people, and efforts contribute to the success of research endeavors at IUP. Any comments, questions, or requests regarding this report should be directed to Dr. Tracy Eisenhower, Executive Director at tracye@iup.edu or 724-357-2223.

**IUP Sponsored Activity Awards:
2-year comparison
FY2022-FY2023 to FY2023-FY2024**



Awards by Originating Funding Source

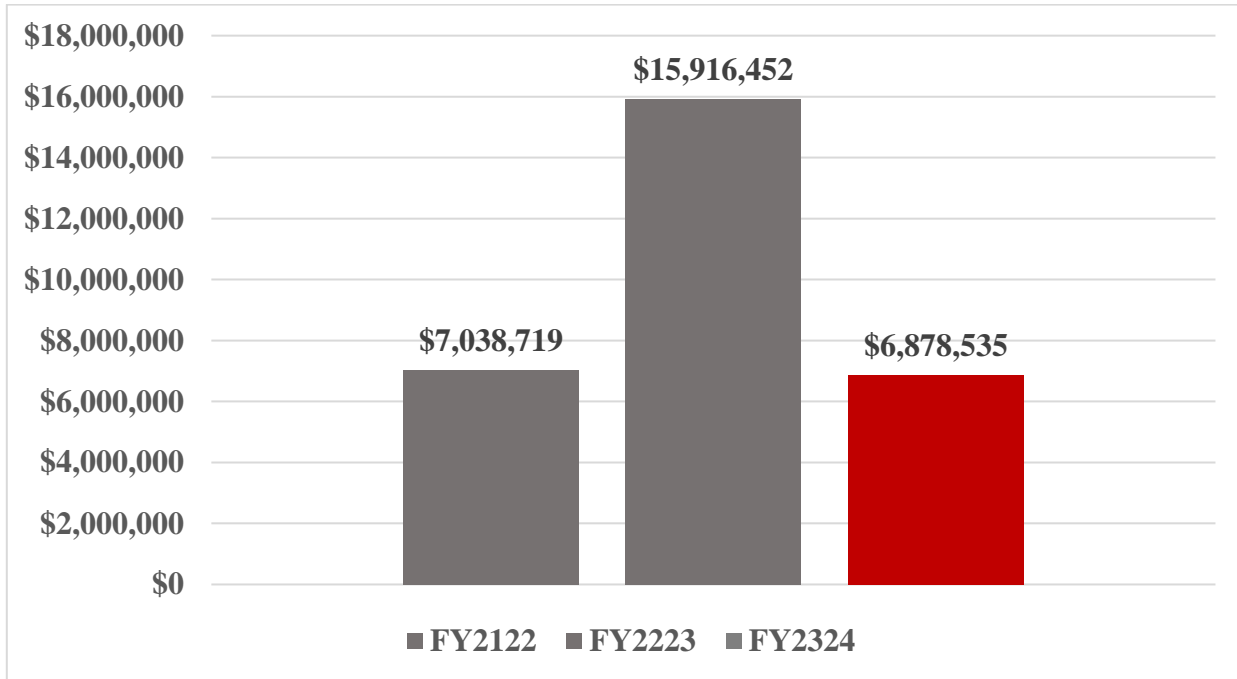


IUP received 53% of its award dollars from the federal government (\$6,878,535), with the U.S. Department of Education ranking as the top federal funder at \$1,705,678. The National Security Agency came in second at \$1,143,697. The federal and state agencies combined (\$11,374,867) account for 87% of IUP’s externally sponsored funding in FY2324.

The top five agencies to fund IUP for FY2324 are:

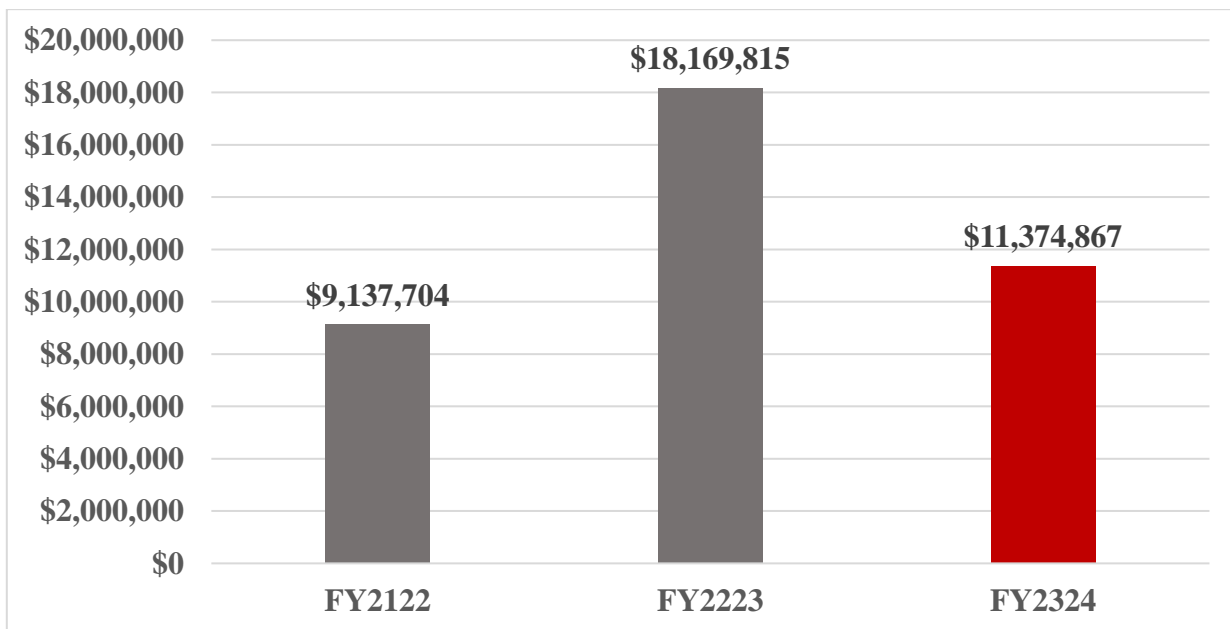
Agency	Award
U.S. Department of Education	\$1,705,678
National Security Agency	\$1,143,697
U.S. Department of Justice	\$ 991,964
U.S. Department of Labor	\$ 668,000
U.S. Department of Defense	\$ 592,051

FEDERAL AWARDS



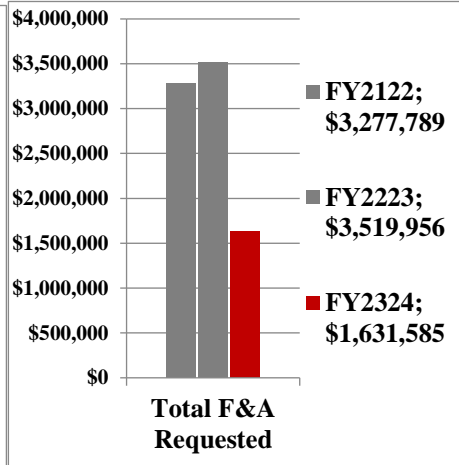
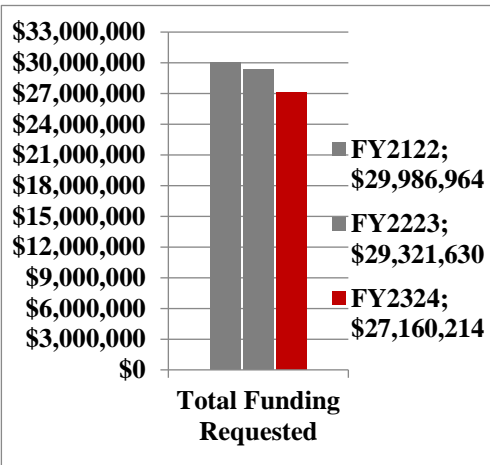
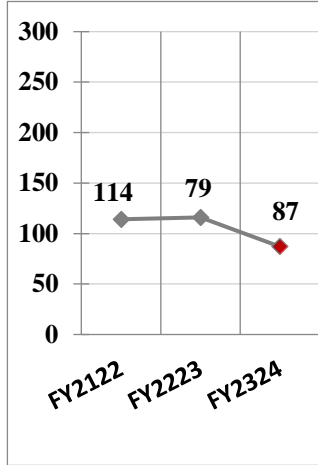
Fourteen (14) unique researchers received 20 federal awards from 15 different federal agencies for a total of \$6,878,535 in FY2324.

FEDERAL & STATE AWARDS (Combined) Comparison

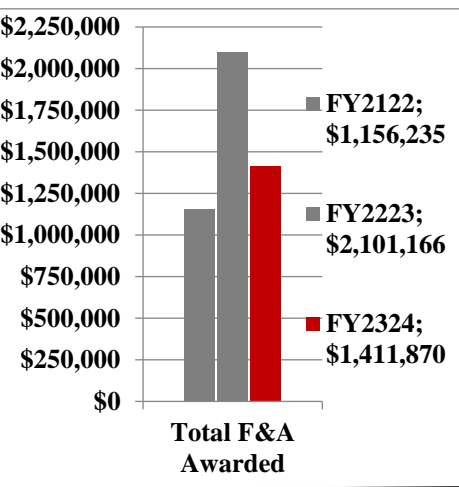
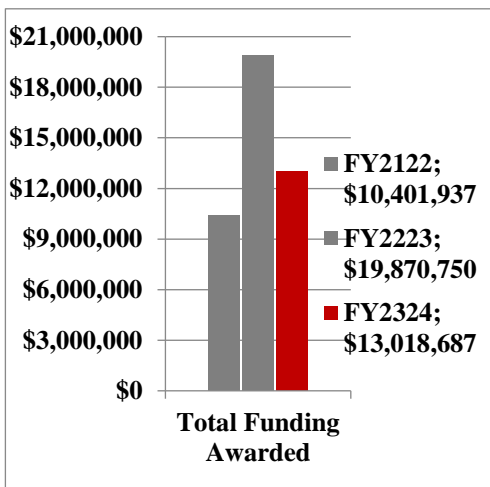
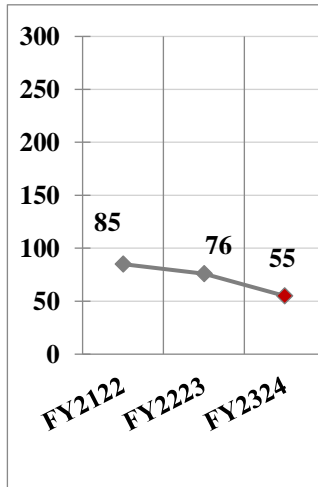


IUP FY Comparisons Q4 (July 1 – July 31)

PROPOSALS SUBMITTED by deadline date



AWARDS REC'D by project start date; obligated value



**2223 includes \$4.9 Farag DoD award (highest award 2223)*

IUP's Million Dollar Club for Fiscal Year 2023-2024

Kopchick College of Natural Sciences & Mathematics	\$ 6,167,757
Institute for Cybersecurity	\$ 2,315,325
College of Osteopathic Medicine	\$ 2,000,000
Department of Biology	\$ 1,786,623
College of Health and Human Services	\$ 1,645,424
College of Education and Communication	\$ 1,606,757
Center for Career and Technical Preparation	\$ 1,364,316
Institute for Mine Mapping and Safety	\$ 1,049,319

Eight (8) units on campus boast the honor of membership in “IUP’s Million Dollar Club” for Fiscal Year 2023-2024.



Colleges, Departments, Divisions, and Centers/Institutes are included individually in the “Million Dollar Club” to fully recognize all researchers contributing to the overall success of IUP’s research portfolio. Therefore, for this specific chart, Departments and Centers & Institutes dollars are included in their respective college totals as well.

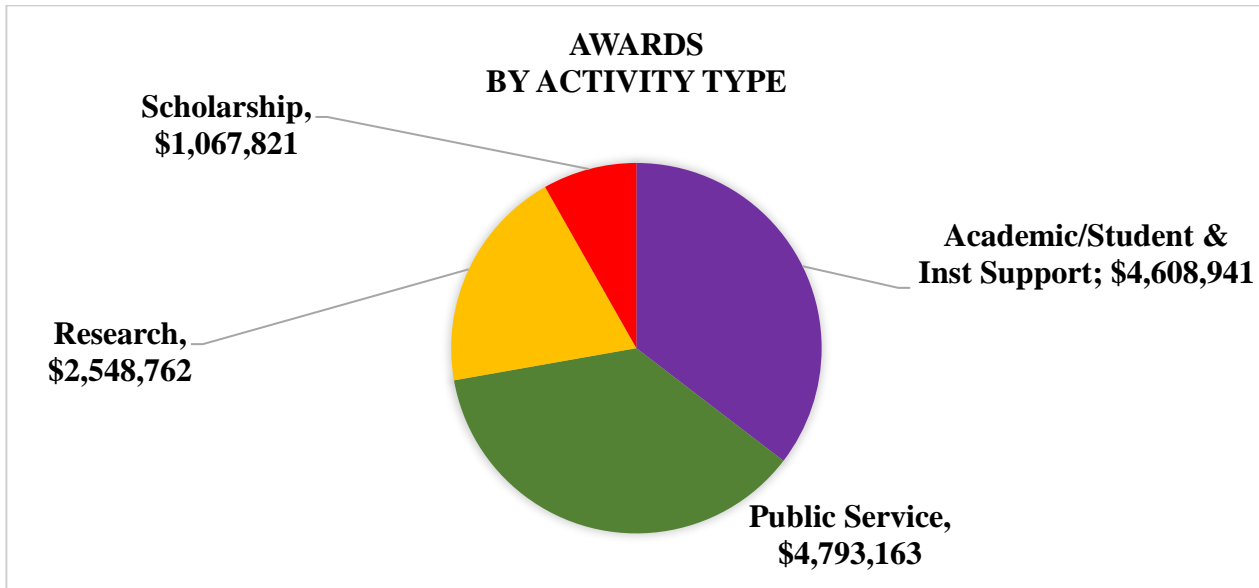
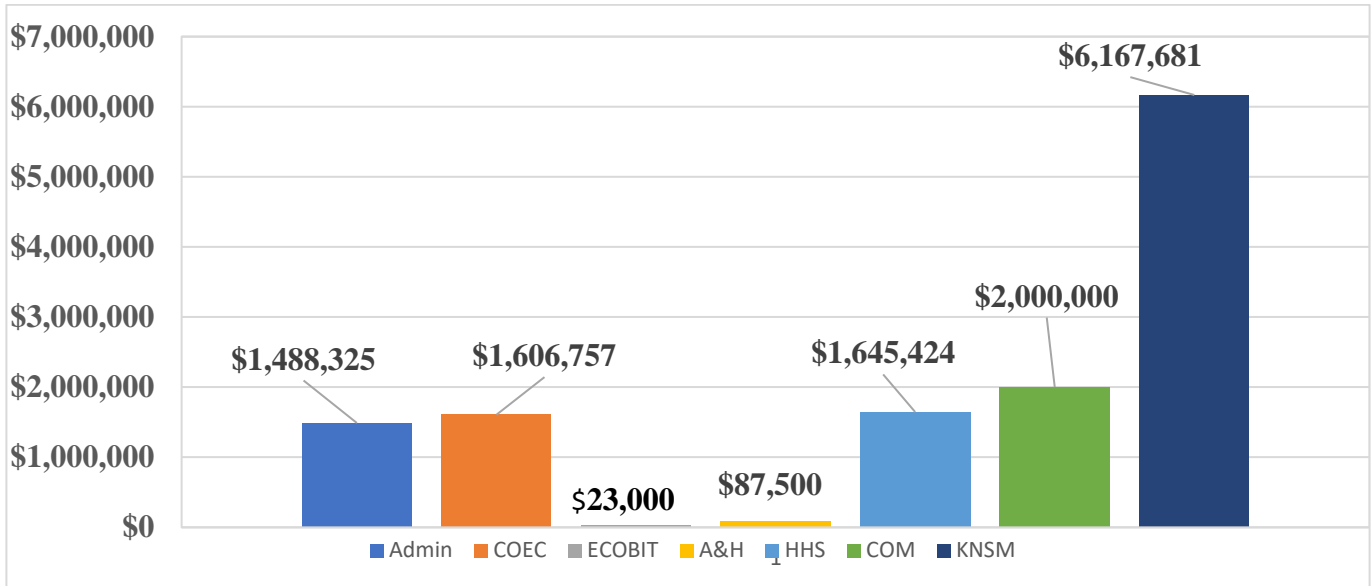


IUP's Top 10
Awards for Fiscal Year 2023-2024

1. Rose, Miko; College of Osteopathic Medicine Support	\$2,000,000
Sponsor: PA Department of Community & Economic Development	
2. Murdoch, Monica; Career & Technical Education	\$1,264,316
Sponsor: PA Department of Education	
3. Wilson, Robert; Mine Mapping and Safety	\$1,094,394
Sponsor: PA Department of Environmental Protection	
4. Farag, Waleed; An Innovative & Immersive Chinese Language Pilot	\$ 996,350
Sponsor: National Security Agency	
5. Orth, Robert; PCCD Support Services	\$ 991,964
Sponsor: PA Commission on Crime & Delinquency	
6. Mulroy, John; FY2324 OSHA Consultation Services	\$ 668,000
Sponsor: U.S. Department of Labor	
7. Farag, Waleed; Recruiting High Achiever Cybersecurity Students	\$ 585,814
Sponsor: U.S. Department of Defense	
8. Duchamp, Joseph; Allegheny Woodrat Population	\$ 454,944
Sponsor: PA Game Commission	
9. Racchini, Amber; Title III Strengthening Institutions	\$ 441,362
Sponsor: U.S Department of Education	
10. Racchini, Amber; ACT101 FY2324	\$ 425,400
Sponsor: PA Higher Education Assistance Agency (PHEAA)	

**CONGRATULATIONS TO
IUP'S "TOP 10"!**

**Awards
Academic Colleges/Divisions**



Awards by Award Type

<u>Contracts</u>	<u>\$2,332,581</u>
<u>Cooperative Agreements</u>	<u>\$1,810,596</u>
<u>Grants</u>	<u>\$8,372,212</u>
<u>SubAwards</u>	<u>\$ 503,298</u>

Sponsored Awards by Originating Source	\$ Award Value
Agilent Technologies, Inc.	\$122,383
American Bird Conservancy	\$310,576
Appalachian Regional Commission	\$8,000
Applied Archaeology and History Associates, Inc.	\$5,998
Association for Iron and Steel Technology	\$20,000
Association of Pennsylvania State College and University Faculties	\$1,500
Center for Field Sciences	\$73,639
Central Susquehanna Intermediate Unit #16	\$2,000
Community Foundation for the Alleghanies	\$11,000
GenOn Northeast Management Company	\$3,840
Health Resource Services Administration	\$171,961
Indiana Area School District	\$92,443
Indiana County Career Training Resources and Career Knowledge	\$250
Indiana County Children and Youth Services	\$450
Indiana County Tourist Bureau	\$6,053
National Fish and Wildlife Foundation	\$192,894
National Oceanic and Atmospheric Administration	\$9,618
National Park Service	\$823
National Science Foundation	\$241,967
National Security Agency	\$1,143,697
Pennsylvania Commission on Crime and Delinquency	\$56,000
Pennsylvania Council on the Arts	\$87,500
Pennsylvania Department of Community and Economic Development	\$2,000,000
Pennsylvania Department of Education	\$250,998
Pennsylvania Department of Environmental Protection	\$1,094,319
Pennsylvania Department of Transportation	\$151,510
Pennsylvania Game Commission	\$856,005
Pennsylvania Higher Education Assistance Agency	\$425,400
Pennsylvania State System of Higher Education	\$12,500
Pennsylvania Training and Technical Network (PaTTAN)	\$60,000
PNC Charitable Trust	\$15,000
Rosebud Mining	\$34,962
Secretaria De Investigacion, Innovacion y Educacion Superior De Yucatan	\$245,082
The Defense POW/MIA Accounting Agency	\$255,640
Tri-County Workforce Investment Board	\$200
U.S. Department of Defense	\$592,051
U.S. Department of Education	\$1,705,678
U.S. Department of Justice	\$991,964
U.S. Department of Labor	\$668,000
U.S. Department of State, Bureau of Educational & Cultural Affairs	\$300,428

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U.S. Department of the Interior	\$397,411
U.S. Department of Transportation	\$378,797
U.S. Fish and Wildlife Service	\$12,500
University of South Carolina	\$7,650
GRAND TOTAL	\$13,018,687