

NSF: Higher Education Research and Development Survey (HERD)

September 30, 2022

BACKGROUND

Doctoral Universities are classified based on their level of research activity, as measured by research expenditures, number of research doctorates awarded, number of research-focused faculty and staff.

BACKGROUND (cont'd)

Doctoral University Classifications

R1: Doctoral Universities – Very high research activity

R2: Doctoral Universities – High research activity

D/PU: Doctoral/Professional Universities

Research Expenditures

The Higher Education Research and Development Survey is the primary source of information on research and development expenditures at U.S. colleges and universities.

The survey collects information on R&D expenditures by field of research and source of funds and also gathers information on types of research, expenses, and headcounts of R&D personnel.

Research Expenditures (cont'd)

The NSF Survey includes direct and indirect research costs and also expenditures that support research for many types of expenditures including salaries, bridge funding, start-up packages, large equipment purchases, and matching funds.

A significant amount of these costs may be paid from funds that are not coded as “research” accounts



A&T HERD Survey Reporting

<u>Fiscal Year</u>	<u>Amount</u>
2016	33,759,000
2017	37,379,000
2018	38,140,000
2019	37,339,000
2020	36,151,000
2021	40,751,000

A&T vs. Kent State University (000's)

<u>Category</u>	<u>A&T</u>	<u>Kent State</u>	<u>Change</u>
Federal Government	22,338	15,004	7,334
State and Local Government	369	521	(152)
Institution Funds	12,766	32,258	(19,492)
Business	73	576	(503)
Nonprofit Organizations	311	1,752	(1,441)
Other	<u>294</u>	<u>196</u>	<u>98</u>
Total	36,151	50,307	(14,156)
Ranking	231	200	



Strategies - 2022

- Compare Sponsored Research Awards to Actual Expenditures (9/30)
- Meet Deans and Academic Affairs Administration to capture expenditures not previously included (10/31)
- Analyze Expenditures not charged to Grants (10/15)
 - Start-up Funding
 - Equipment
 - Student Funding (HBGI Grants) – Tuition Remission
 - Post Doctoral Students
 - Centers of Excellence Matching Funds
 - Large Equipment Purchases
 - Research Faculty and Staff
 - Graduate Students (Research Involvement)



Strategies – 2023 and Beyond

- Develop Reporting Tool to Collect Research Activity Outside of Funds Charged to Grants
- Transition Part-time Faculty working against Full-Time Positions to Non-State Funds
- Assess the Methodology for Reporting a portion of faculty salaries on the HERD Survey based on work load requirements
- Implement Research Productivity Initiatives
- Initiatives implemented by 6/30/23



Questions?