



FY2015 Research Performance Report

RSCW at UNC

Bob Houser, AVP for Research (acting)
Research Advisory Council meeting
2/25/2016



UNIVERSITY OF
**NORTHERN
COLORADO**

Sponsored Projects

- Proposals and awards are tracked by OSP by fiscal year.
- Award totals reflect the amount awarded, as opposed to the amount expended (i.e., R&D Expenditures).
- The success rate for each year during the period of FY2011 to FY2014 was relatively consistent, averaging 72.5%. FY2015 dropped to 53%.
- However, the success rate for federal R&D proposals was much lower and in alignment with the national norm.

FY2015 PROPOSALS AND AWARDS, ALL SPONSORED PROJECTS

	2011	2012	2013	2014	2015
No. of Proposals	102	95	82	93	79
Dollars Requested	\$32,909,000	\$24,335,000	\$21,625,000	\$21,308,000	\$32,339,000
No. of Awards	74	66	65	64	42
Dollars Received	\$10,447,000	\$5,914,000	\$6,438,000	\$5,932,000	\$5,224,000

Sponsored Projects

Total Proposal Activity							
	PRIME	SUB	TOTAL	1st Budget Period Direct Costs	1st Budget Period F&A Costs	1st Budget Period Total Costs	Total Project Costs
Education & Behavioral Sciences	15	6	21	2,241,456	569,947	\$2,811,403	\$7,081,400
Humanities & Social Sciences	5	0	5	622,330	77,244	\$699,574	\$2,377,721
Monfort College of Business	3	0	3	112,392	2,608	\$115,000	\$115,000
Natural & Health Sciences	30	13	43	4,936,891	799,533	\$5,736,424	\$20,775,207
Performing & Visual Arts	4	0	4	87,742	14,799	\$102,541	\$152,254
University Libraries	2	0	2	9,700	0	\$9,700	\$9,700
Academic Affairs	1	0	1	262,553	19,932	\$282,485	\$1,412,425
Finance & Administration			0				
President's Office	0	1	1	66,667	23,333	\$90,000	\$460,000
TOTALS	60	20	80	\$8,339,731	\$1,507,396	\$9,847,127	\$32,383,707

Proposal Activity by Project Type																
	Research		Academic Support		Instruction		Public Service		Student Services		Institutional Support		Scholarships / Fellowships		Totals All Proposals	
CEBS	16	5,405,735			4	1,575,665	1	100,000							21	\$7,081,400
HSS	4	2,292,721					1	85,000							5	\$2,377,721
MCB	1	20,000					2	95,000							3	\$115,000
NHS	28	11,478,138	1	44,891	9	8,594,760	2	9,500				3	647,918	43	\$20,775,207	
PVA							4	152,254						4	\$152,254	
Libraries			2	9,700										2	\$9,700	
AcdAffrs									1	1,412,425				1	\$1,412,425	
Fin&Adm																
President	1	460,000												1	\$460,000	
TOTALS	50	\$19,656,594	3	\$54,591	13	\$10,170,425	10	\$441,754	1	\$1,412,425	0	\$0	3	\$647,918	80	\$32,383,707

Sponsored Projects

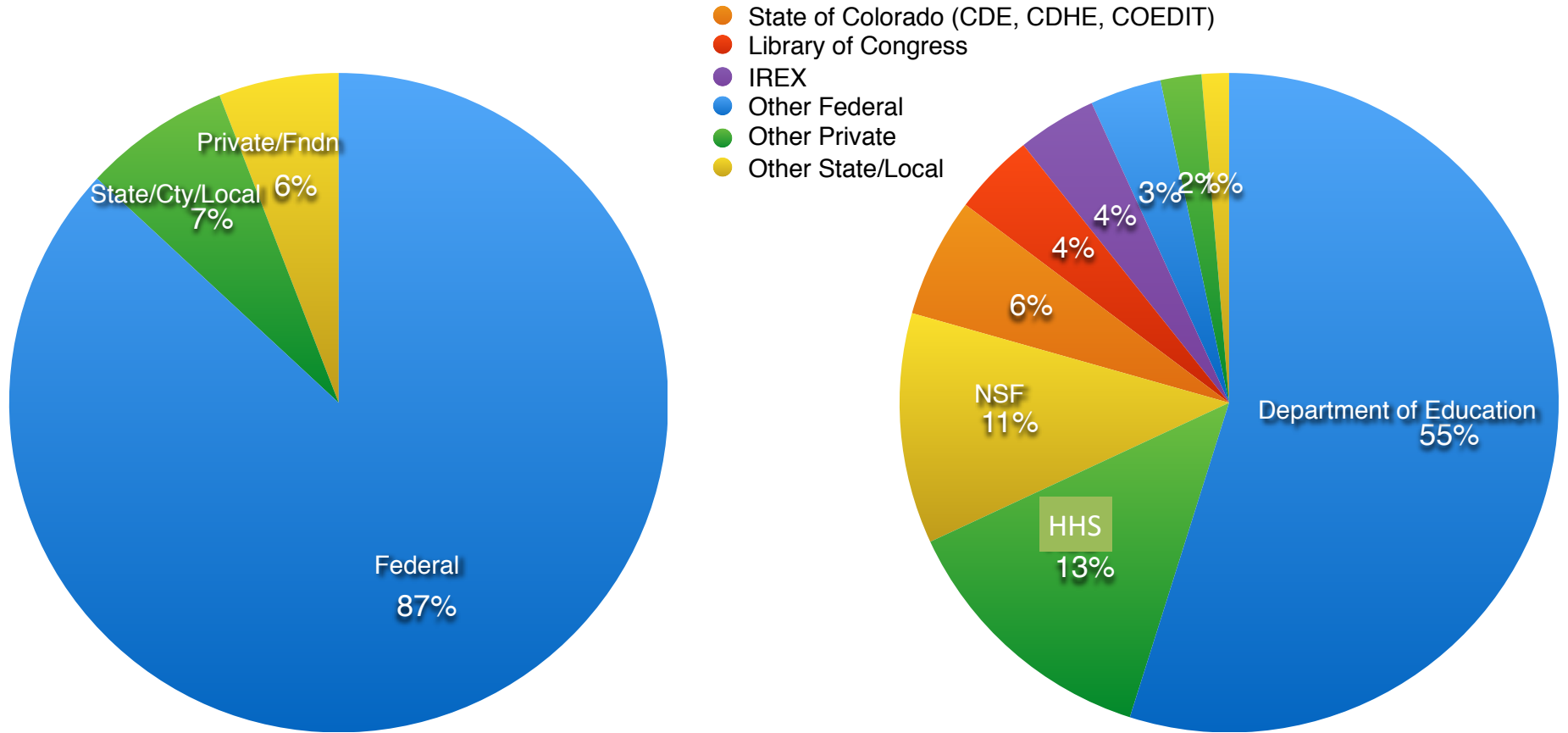
<http://www.unco.edu/osp/reports/index.html>

Award Activity by Award Type										Total Award Funding		
	# of Awards Received	New Awards		Continuation Awards		Out-Year Awards		Supplement Awards		Direct Costs Awarded	F&A Costs Awarded	Total Funding Awarded
Education & Behavioral Sciences	10	3	470,026	1	210,000	5	831,239	1	28,625	1,453,438	86,452	\$1,539,890
Humanities & Social Sciences	0	0	0	0	0	0	0	0	0	0	0	\$0
Monfort College of Business	5	5	300,000	0	0	0	0	0	0	300,000	0	\$300,000
Natural & Health Sciences	22	12	1,629,617	3	116,280	4	585,160	3	39,309	2,177,801	192,565	\$2,370,366
Performing & Visual Arts	1	1	35,000	0	0	0	0	0	0	25,926	9,074	\$35,000
University Libraries	1	1	3,712	0	0	0	0	0	0	3,712	0	\$3,712
Academic Affairs	2	1	745,314	0	0	1	262,500	0	0	484,028	31,318	\$515,346
Finance & Administration	0	0	0	0	0	0	0	0	0	0	0	\$0
President's Office	1	1	460,000	0	0	0	0	0	0	335,870	124,130	\$460,000
TOTALS	42	24	\$3,643,669	4	\$326,280	10	\$1,678,899	4	\$67,934	\$4,780,775	\$443,539	\$5,224,314

Award Activity by Project Type																		
	Prime	Sub	Research	Academic Support		Instruction		Public Service		Student Services		Institutional Support		Scholarships / Fellowships		Totals All Awards		
CEBS	6	4	1	19,969	0	0	8	1,491,296	0	0	0	0	0	1	28,625	10	\$1,539,890	
HSS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	
MCB	5	0	0	0	0	0	0	5	300,000	0	0	0	0	0	0	5	\$300,000	
NHS	13	9	10	553,252	0	0	9	1,662,915	2	73,059	0	0	0	1	81,140	22	\$2,370,366	
PVA	1	0	0	0	0	0	0	1	35,000	0	0	0	0	0	0	1	\$35,000	
Libraries	1	0	0	0	1	3,712	0	0	0	0	0	0	0	0	0	1	\$3,712	
Acad Affrs	2	0	0	0	0	0	0	0	0	2	515,346	0	0	0	0	2	\$515,346	
Fin&Adm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	
President	0	1	1	460,000	0	0	0	0	0	0	0	0	0	0	0	1	\$460,000	
TOTALS	28	14	12	\$1,033,221	1	\$3,712	17	\$3,154,211	8	\$408,059	2	\$515,346	0	\$0	2	\$109,765	42	\$5,224,314

Sponsored Projects

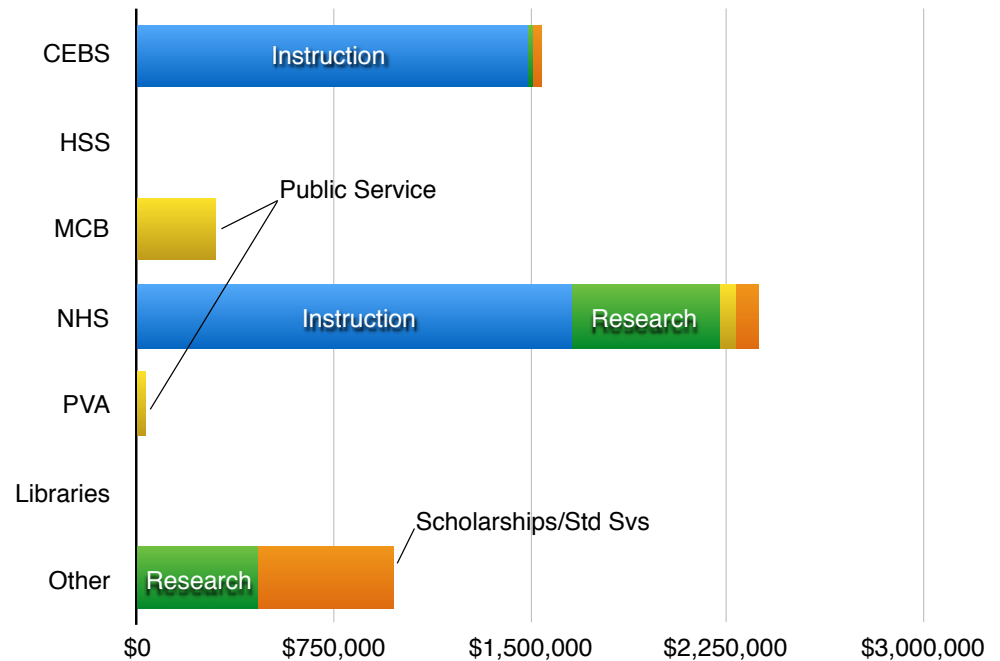
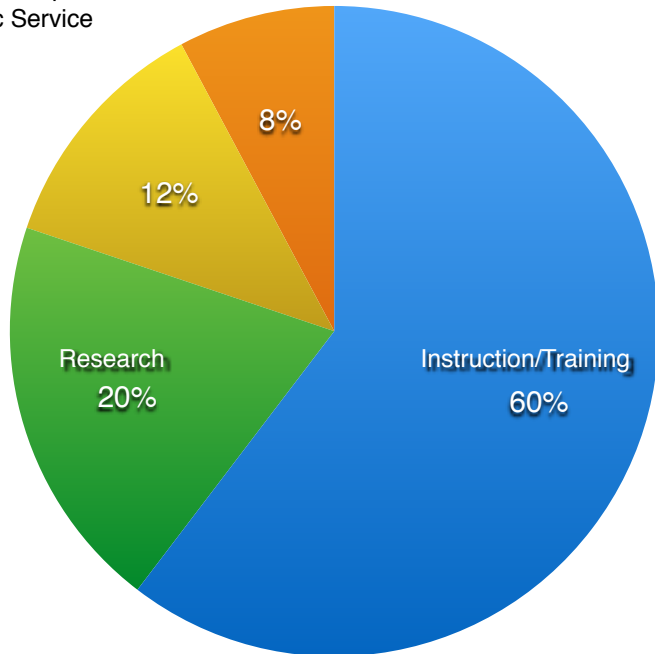
TOP FUNDING SOURCES IN FY2015: \$5,224,000 TOTAL



Sponsored Projects

DISTRIBUTION OF SPONSORED PROJECT AWARDS IN FY2015, BY ACTIVITY TYPE AND BY COLLEGE

- Instruction/Training
- Research
- Scholarships and Student Services
- Public Service



R&D Expenditures

- The annual Higher Education Research & Development (HERD) survey is administered by the National Science Foundation (NSF) as a tool to measure university research performance.
- While proposal and award data represent all sponsored project activity types, R&D expenditures reflect only research and development activity.

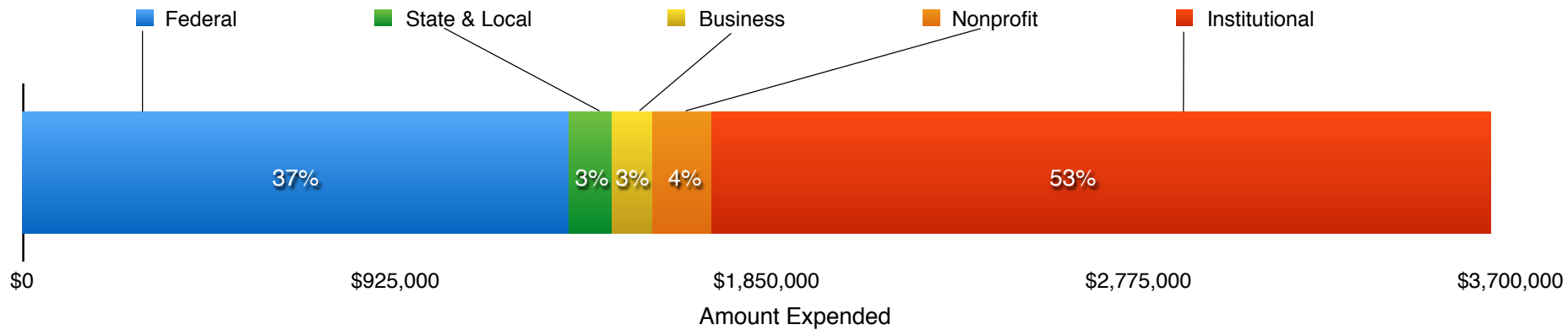


R&D Expenditures

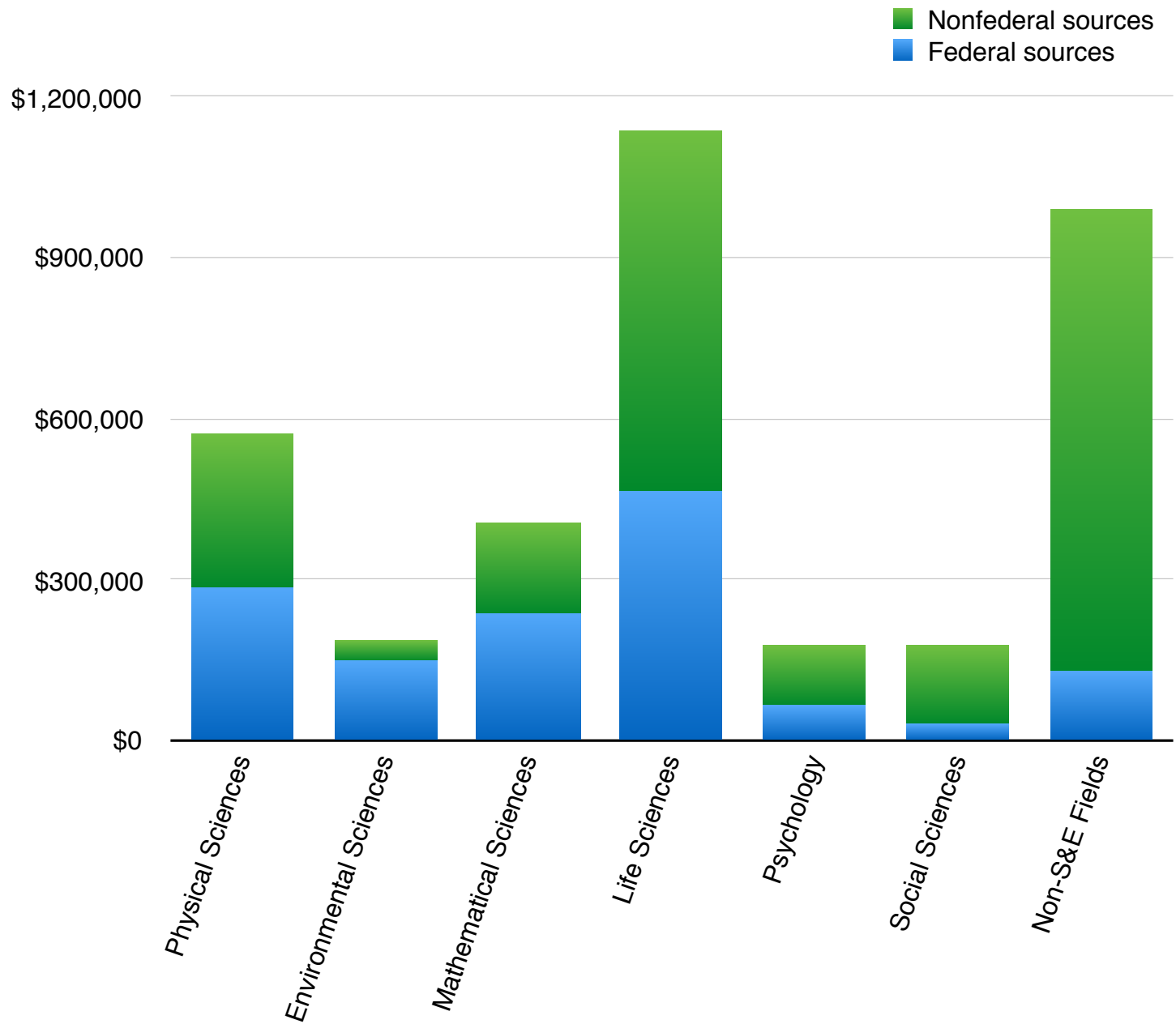
	2009	2010	2011	2012	2013	2014	2015
Federal	\$1,828,000	\$2,082,000	\$1,681,000	\$1,373,000	\$1,024,000	\$1,965,000	\$1,359,000
Nonfederal	\$559,000	\$525,000	\$397,000	\$1,523,000	\$2,010,000	\$2,211,000	\$2,293,000
Total	\$2,387,000	\$2,607,000	\$2,078,000	\$2,896,000	\$3,034,000	\$4,176,000	\$3,652,000

R&D Expenditures: FY2015

UNC Sources of R&D Expenditures, FY2015



R&D Expenditures by NSF-Defined Discipline, FY2015



New Carnegie Classifications

2010

2015

DRU*



Doctoral University: Moderate
Research Activity

RU/H



Doctoral University: Higher
Research Activity*

RU/VH



Doctoral University: Highest
Research Activity

*UNC's Carnegie Classification

New Carnegie Classifications

University of Northern Colorado

Greeley, Colorado

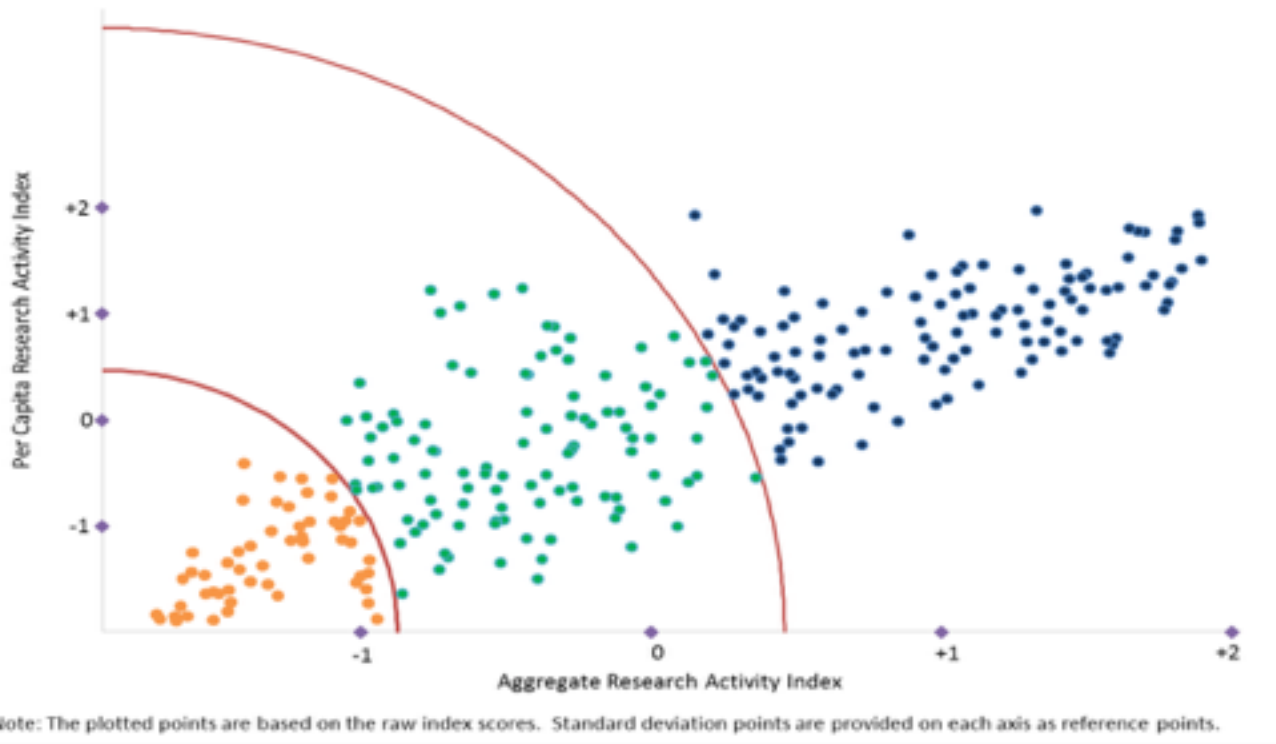
Level	4-year or above	<input type="checkbox"/>
Control	Public	<input type="checkbox"/>
Student Population	12,050	

Classification	Category	
Basic	Doctoral Universities: Higher Research Activity	<input type="checkbox"/>
Undergraduate Instructional Program:	Balanced arts & sciences/professions, some graduate coexistence	<input type="checkbox"/>
Graduate Instructional Program:	Research Doctoral: Comprehensive programs, no medical/veterinary school	<input type="checkbox"/>
Enrollment Profile:	High undergraduate	<input type="checkbox"/>
Undergraduate Profile:	Four-year, full-time, selective, higher transfer-in	<input type="checkbox"/>
Size and Setting:	Four-year, large, primarily residential	<input type="checkbox"/>

<http://carnegieclassifications.iu.edu>

New Carnegie Classifications

Research Activity Index Results Based on Rank-order Data



Aggregate Research Activity Index:

S&E R&D Expenditures
Non-S&E R&D Expenditures
S&E Research Staff
Doctorates: Humanities
Doctorates: Social Sciences
Doctorates: STEM
Doctorates: Other Fields

Per Capita Research Activity Index:

Per-capita S&E R&D Expenditures
Per-capita Non-S&E R&D Expenditures
Per-capita S&E Research Staff

Legend:

Blue: R1: Doctoral Universities - Highest research activity

Purple: R2: Doctoral Universities - Higher research activity

Orange: R3: Doctoral Universities - Moderate research activity

Notes:

-Points represent institutions.

-Units represent standard scores.

-X-axis represents aggregate research index; Y-axis represents the per capita research index.

-Doctoral Universities that are not included in the NSF data collections are not represented and all placed in the Moderate research activity group.

-To reduce the influence of outliers, we converted the raw data to rank scores. This had the effect of compressing differences at the high end of the distributions while increasing differences at the low end, where a large number of institutions were clustered.



THANK YOU!



UNIVERSITY OF
**NORTHERN
COLORADO**