

Oklahoma Center for the Advancement of Science and Technology

Lead Administrator: C. Michael Carolina

Lead Financial Officer: Diane Lewis

FY'14 Budgeted FTE						
	Supervisors	Classified	Unclassified	\$0 - \$35 K	\$35 K - \$70 K	\$70 K - \$\$\$
General Administration	2.5	0	7.5	0	5	2.5
Program Services	1	0	8.5	0.5	7	1
Technology Information Services	0.5	0	2.5	0	2	0.5
EDGE Fund Policy Board	0	0	1	0	1	0
Total	4	0	19.5	0.5	15	4

FTE History					
	2013 Budgeted	2012	2009	2008	2003
General Administration	7.5	6.2	7.9	5.5	5.1
Program Services	8.5	9.4	11.7	15.8	6.7
Technology Information Services	2.5	0.0	2.0	2.0	7.0
EDGE Fund Policy Board	1.0	1.0	1.0	1.0	0.0
Seed Capitol	0.0	0.0	1.0	1.0	0.0
Total	19.5	16.6	23.6	25.3	18.8

FY'13 Projected Division/Program Funding By Source						
	Appropriations	Federal	Revolving	Local	Other*	Total
General Administration	\$657,310	\$0	\$0	\$0	\$0	\$657,310
Program Services	\$1,482,107	\$0	\$0	\$0	\$0	\$1,482,107
Oklahoma Applied Research Prg	\$3,106,051	\$0	\$0	\$0	\$0	\$3,106,051
Oklahoma Health Research Prg	\$4,076,254	\$0	\$0	\$0	\$0	\$4,076,254
OK Industrial Extension	\$1,549,469	\$0	\$0	\$0	\$0	\$1,549,469
OK Inventors Assistance Service	\$200,000	\$0	\$0	\$0	\$0	\$200,000
OK Nanotechnology Application Project	\$798,302	\$0	\$0	\$0	\$0	\$798,302
Plant Science Research Program	\$629,750	\$0	\$0	\$0	\$0	\$629,750
Small Business Research Assistance	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Technology Commercialization Prg	\$4,039,430	\$0	\$0	\$0	\$0	\$4,039,430
Technology Information Services	\$383,300	\$0	\$0	\$0	\$0	\$383,300
Seep Capital	\$15,766,483	\$0	\$0	\$0	\$0	\$15,766,483
Research Equipment Program	\$0	\$0	\$0	\$0	\$0	\$0
Centers of Excellence Program	\$0	\$0	\$0	\$0	\$0	\$0
EDGE Fund	\$0	\$0	\$4,953,390	\$0	\$0	\$4,953,390
Total	\$33,188,456	\$0	\$4,953,390	\$0	\$0	\$38,141,846

*Source of "Other" and % of "Other" total for each.

FY'12 Carryover by Funding Source						
	Appropriations	Federal	Revolving	Local	Other*	Total
FY'12 Carryover	\$155,000	\$0	\$0	\$0	\$0	\$155,000

*Source of "Other" and % of "Other" total for each.

What Changes did the Agency Make between FY'12 and FY'13

- 1.) Are there any services no longer provided because of budget cuts?
Due to budget cuts OCAST's Board of Directors did not fund an ONAP program application cycle in FY2013 and have scaled back the number of science and technology awards to Oklahoma companies and researchers. OCAST continues to work diligently to provide the most efficient and effective services to its clients by reviewing all processes and procedures then developing and implementing improvements through technology upgrades, modification of internal policies and operations supported by the requisite training. These efficiency improvements help mediate the lack of funding to adequately support Oklahoma's technology needs.
- 2.) What services are provided at a higher cost to the user?
Not applicable to OCAST. Our agency makes awards to science and technology based economic development entities, therefore our process does not have a cost to the end recipient.
- 3.) What services are still provided but with a slower response rate?
Also, not applicable to OCAST. Any reduction in agency funding equates to fewer awards, and increases pent-up demand, both of which result in a lower ROI to the State.

FY'14 Requested Division/Program Funding By Source						
	Appropriations	Federal	Revolving	Other	Total	% Change
General Administration	\$861,000	\$0	\$0	\$0	\$861,000	30.99%
Program Services	\$1,608,000	\$0	\$0	\$0	\$1,608,000	8.49%
Oklahoma Applied Research Prg	\$10,890,000	\$0	\$0	\$0	\$10,890,000	250.61%
Oklahoma Health Research Prg	\$7,362,000	\$0	\$0	\$0	\$7,362,000	80.61%
OK Industrial Extension	\$1,915,000	\$0	\$0	\$0	\$1,915,000	23.59%
OK Inventors Assistance Service	\$250,000	\$0	\$0	\$0	\$250,000	25.00%
OK Nanotechnology Application Project	\$1,053,000	\$0	\$0	\$0	\$1,053,000	31.90%
Plant Science Research Program	\$1,530,000	\$0	\$0	\$0	\$1,530,000	142.95%
Small Business Research Assistance	\$972,000	\$0	\$0	\$0	\$972,000	94.40%
Technology Commercialization Prg	\$6,381,000	\$0	\$0	\$0	\$6,381,000	57.97%
Technology Information Services	\$383,000	\$0	\$0	\$0	\$383,000	-0.08%
Seep Capital	\$5,000,000	\$0	\$0	\$0	\$5,000,000	-68.29%
Research Equipment Program	\$5,000,000	\$0	\$0	\$0	\$5,000,000	0.00%
Centers of Excellence Program	\$3,500,000	\$0	\$0	\$0	\$3,500,000	0.00%
EDGE Fund	\$0	\$0	\$4,954,000	\$0	\$4,954,000	0.01%
Total	\$46,705,000	\$0	\$4,954,000	\$0	\$51,659,000	35.44%
*Source of "Other" and % of "Other" total for each.						

FY'14 Top Five Appropriation Funding Requests	
	\$ Amount
Enhancement of Existing OCAST Programs	\$16,459,000
Research Equipment Program	\$5,102,000
Centers of Excellence	\$3,728,000
	\$0
	\$0

How would the agency handle a 3% appropriation reduction in FY'14?
A 3% reduction of the FY-2013 appropriations for FY-2014 would result in a loss of \$534,343 in funding for OCAST. A cut this size would result in decreased program awards which causes a decrease in ROI for the state of Oklahoma. Based on the agency’s cumulative (long-term) return on investment, a 3% budget reduction would result in a missed (leverage) opportunity of approximately \$10 million. Over the past four years' budget reductions have resulted in a reduction of program awards totaling over \$4.5 million. These reductions directly impact program awards and the agency's ability to support its mission of fostering innovation in existing and developing Oklahoma businesses and supporting basic and applied research.

How would the agency handle a 5% appropriation reduction in FY'14?
A 5% reduction of the FY-2013 appropriations for FY-2014 would result in a loss of \$890,572 in funding for OCAST. A cut this large would result in decreased program awards which causes a decrease in ROI for the State of Oklahoma. Based on the agency’s cumulative return on investment (20:1), a 5% budget reduction would result in a missed (leverage) opportunity of approximately \$18 million.

Is the agency seeking any fee increases for FY'14?	
	\$ Amount
<i>Not Applicable</i>	
Increase 1	\$0
Increase 2	\$0
Increase 3	\$0

Federal Government Impact
1.) How much federal money received by the agency is tied to a mandate by the Federal Government? None.
2.) Are any of those funds inadequate to pay for the federal mandate? No.
3.) What would the consequences be of ending all of the federal funded programs for your agency? None.
4.) How will your agency be affected by federal budget cuts in the coming fiscal year? OCAST leverage ratios (ROI) will be affected by federal research budget reductions because many R&D projects require more funding than OCAST can provide and the federal R&D funding to Oklahoma businesses and researchers is critical to completing projects to move towards commercialization.
5.) Has the agency requested any additional federal earmarks or increases? No.

Division and Program Descriptions	
Programs	Programs includes funding for health, applied, nanotechnology, and plant research awards, as well as services for Oklahoma entrepreneurs, including inventors and manufacturing assistance, federal funding support, and technology commercialization.
Seed Capital Fund	Provides seed capital to Oklahoma high-tech firms with high potential for positive impact on the Oklahoma economy through the creation of high-than-average-wage jobs that will stay in the State.
General Administration	Provides administrative support for all OCAST programs.
EDGE Program	Acts as the fiscal agent for the program per contract.

Performance Measure Review					
	FY'12	FY'11	FY'10	FY'09	FY'08
Administration					
% Admin Expense	2.8%	3.4%	3.6%	2.9%	3.0%
Programs - Oklahoma Applied Research					
Leverage	\$ 16,131,901	\$ 30,471,945	\$ 27,762,733	\$ 27,332,352	\$ 13,019,913
Business Financial Impacts	\$ 53,969,036	\$ 64,140,520	\$ 63,186,361	\$ 70,419,932	\$ 87,674,500
Programs - Oklahoma Health Research					
Leverage	\$ 23,389,517	\$ 30,228,923	\$ 17,326,022	\$ 16,740,234	\$ 28,900,000
Patent Applications	17	11	13	19	22
Job Payroll	\$ 20,301,938	\$ 7,448,870	\$ 7,752,044	\$ 8,262,088	\$ 8,500,000
Programs - Oklahoma Industrial Extension					
Jobs created/retained	3121	2582	1556	1808	2401
Increase in gross sales	\$ 188,445,234	\$ 143,638,706	\$ 122,353,660	\$ 123,353,660	\$ 151,900,000
Programs - Oklahoma Nanotechnology App					
Leverage	\$ 149,984	\$ 9,087,213	\$ 4,762,906	\$ 8,732,367	\$ 640,000
Jobs created/retained	21	31	19	28	21
Programs - Plant Science Research					
Leverage	\$ 8,588,707	\$ 10,094,347	\$ 6,010,485	\$ 1,695,040	\$ 1,000,891
Scientific/technical jobs	34	32	24	20	7
Programs -Small Bus. Research Assist					
Jobs created/retained	2	32	61	57	54
business financials	\$ 3,761,000	\$ 2,959,046	\$ 8,769,231	\$ 16,274,324	\$ 5,500,000