

Oklahoma Center for the Advancement of Science and Technology

Lead Administrator: C. Michael Carolina

Lead Financial Officer: Diane Lewis

FY'15 Budgeted FTE						
	Supervisors	Classified	Unclassified	\$0 - \$35 K	\$35 K - \$70 K	\$70 K - \$\$\$
General Administration	2.5	0	7.5	1.0	4.0	2.5
Program Services	1.0	0	8.5	0.5	7.0	1.0
Technology Information Services	0.5	0	2.5	0.0	2.0	0.5
Total	4.0	0	18.5	1.5	13.0	4.0

FTE History						
	2014 Budgeted	2013	2012	2011	2010	
General Administration	7.5	7.1	5.7	8.7	8.6	
Program Services	8.5	7.6	7.4	6.2	9.2	
Technology Information Services	2.5	2.5	2.5	2.5	2.0	
EDGE Fund Policy Board	0.0	0.5	1.0	1.0	1.0	
Seed Capitol	0.0	0.0	0.0	0.0	1.5	
Total	18.5	17.7	16.6	18.4	22.3	

FY'14 Projected Division/Program Funding By Source						
	Appropriations	Federal	Revolving	Local	Other*	Total
General Administration	\$687,310	\$0	\$0	\$0	\$0	\$687,310
Program Services	\$1,481,774	\$0	\$0	\$0	\$0	\$1,481,774
Oklahoma Applied Research Prg	\$3,882,330	\$0	\$0	\$0	\$0	\$3,882,330
Oklahoma Health Research Prg	\$3,917,539	\$0	\$0	\$0	\$0	\$3,917,539
OK Industrial Extension	\$1,499,469	\$0	\$0	\$0	\$0	\$1,499,469
OK Inventors Assistance Service	\$400,000	\$0	\$0	\$0	\$0	\$400,000
OK Nanotechnology Application Project	\$300,000	\$0	\$0	\$0	\$0	\$300,000
Plant Science Research Program	\$160,000	\$0	\$0	\$0	\$0	\$160,000
Small Business Research Assistance	\$325,000	\$0	\$0	\$0	\$0	\$325,000
Technology Commercialization Prg	\$4,330,884	\$0	\$0	\$0	\$0	\$4,330,884
Technology Information Services	\$383,300	\$0	\$0	\$0	\$0	\$383,300
Seed Capital	\$19,182,172	\$0	\$0	\$0	\$0	\$19,182,172
Research Equipment Program	\$0	\$0	\$0	\$0	\$0	\$0
Centers of Excellence Program	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$36,549,778	\$0	\$0	\$0	\$0	\$36,549,778

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

FY'13 Carryover by Funding Source						
	Appropriations	Federal	Revolving	Local	Other*	Total
FY'13 Carryover	\$69,388	\$0	\$0	\$0	\$0	\$69,388

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

What Changes did the Agency Make between FY'13 and FY'14

1.) Are there any services no longer provided because of budget cuts?
 Due to a continued flat budget in FY 2014 an ONAP program application cycle was not funded in FY 2013 or FY 2014, although ONAP clients were referred to the Applied Science program for potential funding support. For the same reason, FY 2014 funding for Plant Science was eliminated. However, based on feedback from the agricultural community in support of basic plant science, we are considering reinstating some funding for basic Plant Science awards in future years. Plant Science clients were also referred to the Applied Science program for potential funding support, and steps are being taken to ensure appropriate reviewers are available to review plant-related applications.

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'15 Requested Division/Program Funding By Source						
	Appropriations	Federal	Revolving	Other	Total	% Change
General Administration	\$775,000	\$0	\$0	\$0	\$775,000	12.76%
Program Services	\$1,550,000	\$0	\$0	\$0	\$1,550,000	4.60%
Oklahoma Applied Research Prg	\$4,991,695	\$0	\$0	\$0	\$4,991,695	28.57%
Oklahoma Health Research Prg	\$4,418,305	\$0	\$0	\$0	\$4,418,305	12.78%
OK Industrial Extension	\$1,425,000	\$0	\$0	\$0	\$1,425,000	-4.97%
OK Inventors Assistance Service	\$400,000	\$0	\$0	\$0	\$400,000	0.00%
OK Nanotechnology Application Project	\$0	\$0	\$0	\$0	\$0	-100.00%
Plant Science Research Program	\$390,000	\$0	\$0	\$0	\$390,000	143.75%
Small Business Research Assistance	\$375,000	\$0	\$0	\$0	\$375,000	15.38%
Technology Commercialization Prg	\$2,475,000	\$0	\$0	\$0	\$2,475,000	-42.85%
Technology Information Services	\$400,000	\$0	\$0	\$0	\$400,000	4.36%
Seep Capital	\$4,200,000	\$0	\$0	\$0	\$4,200,000	-78.10%
Research Equipment Program	\$5,000,000	\$0	\$0	\$0	\$5,000,000	0.00%
Centers of Excellence Program	\$0	\$0	\$0	\$0	\$0	0.00%
Total	\$26,400,000	\$0	\$0	\$0	\$26,400,000	-27.77%

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

FY'15 Top Five Appropriation Funding Requests	
	\$ Amount
Enhancement of Existing OCAST Programs	\$3,415,934
Research Equipment Program	\$5,172,617
	\$0
	\$0
	\$0

How would the agency handle a 3% appropriation reduction in FY'15?

A 3% reduction of the FY-2014 appropriations for FY-2015 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, and in lost opportunity to fully leverage a return on the state's investment in innovation activities.

How would the agency handle a 5% appropriation reduction in FY'15?

A 5% reduction of the FY-2014 appropriations for FY-2015 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'15?

	\$ 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 with the Oklahoma State Treasurer's office. The EDGE Fund Policy Board was abolished effective 8/22/12; OCAST's function as fiscal agent continued pursuant to contract with Oklahoma State Treasurer's office to pay out remaining years of multi-year grants already awarded through final payout of grants expected to be completed in FY-14.

Performance Measure Review					
	FY'13	FY'12	FY'11	FY'10	FY'09
Administration % Admin Expense	3.9%	2.8%	3.4%	3.6%	2.9%
Programs - Oklahoma Applied Research Leverage	\$ 15,743,177	\$ 16,131,901	\$ 30,471,945	\$ 27,762,733	\$ 27,332,352
Business Financial Impacts	\$ 40,489,335	\$ 53,969,036	\$ 64,140,520	\$ 63,186,361	\$ 70,419,932
Programs - Oklahoma Health Research Leverage	\$ 14,778,050	\$ 23,389,517	\$ 30,228,923	\$ 17,326,022	\$ 16,740,234
Patent Applications	7	17	11	13	19
Job Payroll	\$ 15,637,020	\$ 20,301,938	\$ 7,448,870	\$ 7,752,044	\$ 8,262,088
Programs - Oklahoma Industrial Extension Jobs created/retained	521	3121	2582	1556	1808
Increase in gross sales	\$ 86,674,000	\$ 188,445,234	\$ 143,638,706	\$ 122,353,660	\$ 123,353,660
Programs - Oklahoma Nanotechnology App Leverage	\$ 2,549,841	\$ 149,984	\$ 9,087,213	\$ 4,762,906	\$ 8,732,367
Jobs created/retained	8	21	31	19	28
Programs - Plant Science Research Leverage	\$ 2,114,116	\$ 8,588,707	\$ 10,094,347	\$ 6,010,485	\$ 1,695,040
Scientific/technical jobs	31	34	32	24	20
Programs -Small Bus. Research Assist Jobs created/retained	9	2	32	61	57
Business Financials	\$ 3,619,000	\$ 3,761,000	\$ 2,959,046	\$ 8,769,231	\$ 16,274,324