

Oklahoma Center for the Advancement of Science & Technology - 628

Lead Administrator: C. Michael Carolina, Executive Director

FY'17 Projected Division/Program Funding By Source						
	Appropriations	Federal	Revolving Funds Outstanding Contracts**	Local	Other*	Total
Administration	\$725,000					\$725,000
Program Services	\$1,104,305					\$1,104,305
Tech Info System	\$295,589					\$295,589
OK Health Research	\$2,203,649		\$1,583,024			\$3,786,673
OK Applied Research	\$2,203,648		\$2,244,182			\$4,447,830
Intern Partnerships	\$403,985		\$318,586			\$722,571
Plant Science	\$398,917		\$229,702			\$628,619
Inventors Assistance	\$456,528		\$187,460			\$643,988
Small Business Research Assistance	\$225,000					\$225,000
Industrial Extension System	\$1,197,745		\$73,258			\$1,271,003
Technology Commercialization	\$1,652,543		\$126,249			\$1,778,792
Technology Business Finance Program					230 - \$1,020,387	\$1,020,387
Seed Capital	\$3,104,231		\$1			\$3,104,232
Programs Instructional Technology	\$139,000					\$139,000
GE Foundation Grant (private)			\$23,979		\$200,000	\$223,979
EDA (federal grant)		\$500,000				\$500,000
Total	\$14,110,140	\$500,000	\$4,786,441	\$0	\$1,220,387	\$20,616,968

*Source of "Other" and % of "Other" total for each: Repayments of loans issued by the Technology Business Finance Program (100%). The agency has also received a grant from the General Electric Foundation (private) 100%, and an EDA (federal grant-cost reimbursement) 100%.

**These are prior year contracts/awards due payment paid from revolving funds (out year awards held in trust)

FY'16 Carryover and Refund by Funding Source						
	Appropriations	Federal	Revolving	Local	Other*	Total
FY'16 Carryover	\$577,001					\$577,001
FY'16 GR Refund**	\$412,037					\$412,037

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

**Indicate how the FY'16 General Revenue refund was budgeted: \$157,405.78 to Health Research, \$162,876.85 to Applied Research and \$91,754.85 to Seed Capital.

What Changes did the Agency Make between FY'16 and FY'17?	
1.) Are there any services no longer provided because of budget cuts?	No
2.) What services are provided at a higher cost to the user?	None
3.) What services are still provided but with a slower response rate?	All awards are made with the same response rate, but we are providing fewer awards each year.
4.) Did the agency provide any pay raises that were not legislatively/statutorily required? If so, please provide a detailed description in a separate document.	The agency provided one step increase pursuant to its long-standing policy to grant a pay increase upon one successfully completing his/her first year of employment.

FY'18 Requested Division/Program Funding By Source						
	Appropriations	Federal	Revolving Funds to Pay Outstanding Contracts**	Other	Total	% Change
Administration	\$810,000				\$810,000	11.72%
Program Services	\$1,319,800				\$1,319,800	19.51%
Tech Info System	\$338,600				\$338,600	14.55%
OK Health Research	\$2,807,941		\$1,300,000		\$4,107,941	8.48%
OK Applied Research	\$2,830,113		\$1,430,000		\$4,260,113	-4.22%
Intern Partnerships	\$378,623		\$140,000		\$518,623	-28.23%
Plant Science	\$296,488		\$150,000		\$446,488	-28.97%
Inventors Assistance	\$313,830				\$313,830	-51.27%
Small Business Research Assistance	\$281,000				\$281,000	24.89%
Industrial Extension System	\$1,129,310				\$1,129,310	-11.15%
Technology Commercialization	\$1,728,968				\$1,728,968	-2.80%
Technology Business Finance Program	\$0				\$0	-100.00%
Seed Capital	\$3,556,455				\$3,556,455	14.57%
Programs Instructional Technology	\$179,600				\$179,600	29.21%
EDA (federal grant)		\$500,000			\$500,000	0.00%
Total	\$15,970,728	\$500,000	\$3,020,000	\$0	\$19,490,728	-5.46%

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

Federal EDA Grant - 2nd year award amount at 100%.

**This will be the amount drawn down from the revolving funds to pay out year award contracts already executed.

FY'18 Top Five Appropriation Funding Requests			
			\$ Amount
Programs	215,495	215,495	215,495
OK Health Research	604,292	604,292	604,292
OK Applied Research	626,465	626,465	626,465
Technology Commercialization	76,425	76,425	76,425
Seed Capital	452,224	452,224	452,224
Total Increase above FY-17 Request			1,860,588

How would the agency handle a 5% appropriation reduction in FY'18?
A 5% reduction of the FY-2017 appropriations for FY-2018 would lower OCAST funding by \$705,500. A cut this size would result in decreased program awards which causes a decrease in ROI for the state of Oklahoma, and lost opportunity to create jobs for Oklahomans. Based on the agency's cumulative (long-term) return on investment, a 5% budget reduction would result in a missed (leverage) opportunity of approximately \$14.8 million, and the projected loss of up to 100 new jobs created. Over the past five years, budget reductions have resulted in a reduction of program awards of nearly \$8.5 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

How would the agency handle a 7.5% appropriation reduction in FY'18?
A 7.5% reduction of the FY-2017 appropriations for FY-2018 would lower OCAST funding by \$1,058,000. A cut this size would result in decreased program awards which causes a decrease in ROI for the state of Oklahoma, and lost opportunity to create jobs for Oklahomans. Based on the agency's cumulative (long-term) return on investment, a 7.5% budget reduction would result in a missed (leverage) opportunity of approximately \$22.2 million, and the projected loss of up to 145 new jobs created.

How would the agency handle a 10% appropriation reduction in FY'18?
A 10% reduction of the FY-2017 appropriations for FY-2018 would lower OCAST funding by \$1,411,014. A cut this size would result in decreased program awards which causes a decrease in ROI for the state of Oklahoma, and lost opportunity to create jobs for Oklahomans. Based on the agency's cumulative (long-term) return on investment, a 10% budget reduction would result in a missed (leverage) opportunity of approximately \$29.6 million, and the projected loss of up to 200 new jobs as well as the likelihood of eliminating some programs.

Is the agency seeking any fee increases for FY'18?		\$ Amount
Increase 1	N/A	\$0
Increase 2	N/A	\$0
Increase 3	N/A	\$0

What are the agency's top 2-3 capital or technology (one-time) requests, if applicable?	\$ Amount
One-time funding restoration of the research support revolving fund.	\$2,000,000

Federal Government Impact

1.) How much federal money received by the agency is tied to a mandate by the Federal Government?
\$0

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?
Ending federal funding to the agency will result in the elimination of our EDA sponsored manufacturer assistance program.

4.) How will your agency be affected by federal budget cuts in the coming fiscal year?
It is unlikely our agency would see any direct impact from federal budget cuts.

5.) Has the agency requested any additional federal earmarks or increases?
No

Division and Program Descriptions

Programs:
Programs includes funding for health, applied research 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 higher-than-average-wage jobs that will stay in the state.

General Administrative Services:
Provides administrative support for all OCAST programs.

FY'17 Budgeted FTE						
	Supervisors	Classified	Unclassified	\$0 - \$35 K	\$35 K - \$70 K	\$70 K - \$\$\$
Administration	2.5		7.5	2	3	2.5
Program	1		6		5	1
Technology Information Services	0.5		2.5		2	0.5
Total	4	0	16	2	10	4.0

FTE History					
	2017 Budgeted	2016	2013	2010	2006
Administration	7.5	7.5	7.1	8.6	5.2
Program	6.0	6.0	10.1	11.2	
Technology Information Services	2.5	2.5			
Seed				1.5	
Edge			0.5	1.0	
Research & Development					7.4
Technology Transfer					7.6
Total	16.0	16.0	17.7	22.3	20.2

Performance Measure Review					
	FY'16	FY'15	FY'14	FY'13	FY'12
Administration % Admin Expense	3.50%	2.3%	3.8%	3.9%	2.8%
Programs - Oklahoma Health Research Leverage	\$31,609,452	\$ 34,951,408	\$ 16,572,797	\$ 14,778,050	\$ 23,389,517
Patent Applications	4	18	10	7	17
Programs - Oklahoma Applied Research Leverage	\$46,636,600	\$ 31,625,473	\$ 127,707,536	\$ 15,743,177	\$ 16,131,901
Business Financial Impacts	\$91,306,939	\$ 86,451,200	\$ 47,995,060	\$ 40,489,335	\$ 53,969,036
Programs - Plant Science Research Leverage	\$5,703,118	\$ 5,583,695	\$ 4,587,042	\$ 2,114,116	\$ 8,588,707
Scientific/technical jobs	38	25	28	31	34
Programs - Oklahoma Industrial Extension Jobs created/retained	972	1888	765	521	3121
Increase in gross sales	\$51,097,892	\$ 228,269,703	\$ 87,800,603	\$ 86,674,000	\$ 188,445,234

Revolving Funds (200 Series Funds)			
	FY'14-16 Avg. Revenues	FY'14-16 Avg. Expenditures	June '16 Balance
Research Support Revolving Fund (200) Appropriation + Misc. refunds and small grants	\$10,427,179	\$12,773,601	\$10,582,923
Seed Capital Fund (220) Brief Description	\$3,005,830	\$8,087,461	0