

Oklahoma Center for the Advancement of Science & Technology

Lead Administrator: C. Michael Carolina, Executive Director

FY'16 Projected Division/Program Funding By Source							
		Appropriations	Federal	Revolving Funds Outstanding Contracts	Local	Other*	Total
General Administration	0100001	\$810,000					\$810,000
Program Services	0500001	\$1,319,800					\$1,319,800
Tech. Info. Services	0510005	\$338,600					\$338,600
Oklahoma Health Research	0530001	\$2,807,941		\$1,106,994			\$3,914,935
Oklahoma Applied Research	0530003	\$2,830,113		\$1,106,994			\$3,937,107
Intern Partnerships	0530005	\$378,623					\$378,623
Plant Science Research	0530007	\$296,488					\$296,488
Inventors Assistance	0550001	\$313,830		\$380,083			\$693,913
Small Bus. Research Asst.	0550003	\$281,000		\$50,000			\$331,000
OK Industrial Extension	0550005	\$1,129,310		\$388,295			\$1,517,605
Tech. Commercialization	0570001	\$1,728,968		\$100,000			\$1,828,968
Tech. Bus. Finance Prog.	0570003	\$0				230 FUND \$1,721,005	\$1,721,005
Seed Capital	0600001	\$3,556,455					\$3,556,455
Admin, Programs DP 8800001, 8800005		\$179,600					\$179,600
GE Foundation Grant (private)		\$0				\$200,000	\$200,000
Total		\$15,970,728	\$0	\$3,132,366	\$0	\$1,921,005	\$21,024,099

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

FY'15 Carryover by Funding Source							
		Appropriations	Federal	Revolving	Local	Other*	Total
FY'15 Carryover		\$616					\$616

*Source of "Other" and % of "Other" total for each. Repayments of loans issued by the Technology Business Finance Program (100%).

What Changes did the Agency Make between FY'15 and FY'16?	
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?	None, although there are fewer research awards made.
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 pay raises pursuant to its long-standing policy to grant a pay raise after one year of employment, and as warranted to reward performance and retain top staff.

FY'17 Requested Division/Program Funding By Source							
		Appropriations	Federal	Revolving Funds Outstanding Contracts	Other	Total	% Change
General Administration	0100001	\$810,000		\$0		\$810,000	0.00%
Program Services	0500001	\$1,319,800		\$0		\$1,319,800	0.00%
Tech. Info. Services	0510005	\$338,600		\$0		\$338,600	0.00%
Oklahoma Health Research	0530001	\$2,807,941		\$1,242,518		\$4,050,459	3.46%
Oklahoma Applied Research	0530003	\$2,830,113		\$1,427,131		\$4,257,244	8.13%
Intern Partnerships	0530005	\$378,623		\$137,032		\$515,655	36.19%
Plant Science Research	0530007	\$296,488		\$149,000		\$445,488	50.25%
Inventors Assistance	0550001	\$313,830		\$0		\$313,830	-54.77%
Small Bus. Research Asst.	0550003	\$281,000		\$0		\$281,000	-15.11%
OK Industrial Extension	0550005	\$1,129,310		\$0		\$1,129,310	-25.59%
Tech. Commercialization	0570001	\$1,728,968		\$0		\$1,728,968	-5.47%
Tech. Bus. Finance Prog.	0570003	\$0		\$0	230 FUND \$1,721,005	\$1,721,005	0.00%
Seed Capital	0600001	\$3,556,455		\$0		\$3,556,455	0.00%
Admin, Programs DP 8800001, 8800005		\$179,600		\$0		\$179,600	0.00%
General Electric Foundation Grant		\$0		\$0	\$200,000	\$200,000	0.00%
Total		\$15,970,728	\$0	\$2,955,681	\$200,000	\$20,847,414	-0.84%

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

FY'17 Top Five Appropriation Funding Requests

		\$ Amount
Request 1: Description	None	\$0
Request 2: Description		\$0
Request 3: Description		\$0
Request 4: Description		\$0
Request 5: Description		\$0
Total Increase above FY-17 Request		0

How would the agency handle a 5% appropriation reduction in FY'17?

A 5% reduction of the FY-2016 appropriations for FY-2017 would lower OCAST funding by \$798,500. 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 \$15 million, and the projected loss of up to 105 new jobs. Over the past five years' budget reductions have resulted in a reduction of program awards of nearly \$7 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

How would the agency handle a 7.5% appropriation reduction in FY'17?

A 7.5% reduction of the FY-2016 appropriations for FY-2017 would lower OCAST funding by \$1,197,750. 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 \$18.5 million, and the projected loss of up to 157 new jobs.

How would the agency handle a 10% appropriation reduction in FY'17?

A 10% reduction of the FY-2016 appropriations for FY-2017 would lower OCAST funding by \$1,597,000. 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 10% budget reduction would result in a missed (leverage) opportunity of approximately \$24.5 million, and the projected loss of up to 209 new jobs.

Is the agency seeking any fee increases for FY'16?

		\$ 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?

One-Time Funding Restoration of the Research Support Revolving Fund	\$798,500
---	-----------

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?

N/A

3.) What would the consequences be of ending all of the federal funded programs for your agency?

N/A

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.

FY'17 Budgeted FTE						
	Supervisors	Classified	Unclassified	\$0 - \$35 K	\$35 K - \$70 K	\$70 K - \$\$\$
General Administration	2.5		7.5		5.0	2.5
Program Services	1.0		7.5	0.5	6.0	1.0
Tech. Info. Services	0.5		3.5		3.0	0.5
Total	4	0	18.5	0.5	14	4

FTE History					
	2016 Budgeted	2015	2012	2009	2005
General Administration	7.5	7.5	7.00	7.9	6.0
Program Services	8.5	8.5	9.00	12.7	8.0
Tech. Info. Services	3.5	3.5	2.00	2.0	5.0
Total	19.5	19.5	18.0	22.6	19.0

Performance Measure Review					
	FY'15	FY'14	FY'13	FY'12	FY'11
Administration % Admin Expense	2.3%	3.8%	3.9%	2.8%	3.4%
Programs - Oklahoma Health Research Leverage	\$ 34,951,408	\$ 16,572,797	\$ 14,778,050	\$ 23,389,517	\$ 30,228,923
Patent Applications	18	10	7	17	11
Programs - Oklahoma Applied Research Leverage	\$ 31,625,473	\$ 127,707,536	\$ 15,743,177	\$ 16,131,901	\$ 30,471,945
Business Financial Impacts	\$ 86,451,200	\$ 47,995,060	\$ 40,489,335	\$ 53,969,036	\$ 64,140,520
Programs - Plant Science Research Leverage	\$ 5,583,695	\$ 4,587,042	\$ 2,114,116	\$ 8,588,707	\$ 10,094,347
Scientific/technical jobs	25	28	31	34	32
Programs - Oklahoma Nanotechnology App Leverage	\$ 1,414,997	\$ 458,259	\$ 2,549,841	\$ 149,984	\$ 9,087,213
Jobs created/retained	22	26	8	21	31
Programs -Small Bus. Research Assist Jobs created/retained	16	9	9	2	32
Business Financials	\$ 2,735,314	\$ 14,548,050	\$ 3,619,000	\$ 3,761,000	\$ 2,959,046
Programs - Oklahoma Industrial Extension Jobs created/retained	1888	765	521	3121	2582
Increase in gross sales	#####	\$ 87,800,603	\$ 86,674,000	\$ 188,445,234	\$ 143,638,706

Revolving Funds (200 Series Funds)			
	FY'13-15 Avg. Revenues	FY'13-15 Avg. Expenditures	June '15 Balance
Research Support Revolving Fund (200) Appropriation transfers Miscellaneous refunds and small grants Major purpose is to hold multiple-year research award funds until needed by researchers; it also holds Technology Business Finance Program funds and miscellaneous revenue. Receives transfers of yearly appropriation in order to set aside funds for multi-year awards and to ensure Technology Business Finance Program loans, which are required to be used for only the Technology Business Finance Program. Also receives miscellaneous refunds and a small amount of federal grants (EPSCoR). Fund may be expended for research awards and administrative costs of all programs.	\$12,893,029 \$3,706,755	\$17,181,012	\$12,974,448
Seed Capital Fund (220) Funds for the Seed Capital Program. Receives transfers from the yearly appropriation. Cash must be available when companies have met agreed-upon milestones and are ready for additional committed investments. Funds may be used for seed capital investments and for operating costs of the Seed Capital Fund, but not for any administrative, management or operating expenses of OCAST.	\$3,906,282	\$7,250,042	\$ 1.97