

Johnson County Education & Research Triangle Authority

Quarterly Report
February 2014

Kansas State University Olathe

MISSION of K-State Olathe

To be the model and leader of adaptable, interdisciplinary and innovative education, research and public/private engagement in the Kansas City area bridging the University with global and local community, government and industry partners.

Education, Research, Engagement and Economic Development K-State Olathe Summary

The K-State Olathe campus opened in April 2011. The first faculty for teaching and research activities supported by JCERT were recruited to the campus beginning in Spring 2013, and the first cohort of graduate students pursuing JCERT-supported programs were enrolled in Fall 2013. As of Spring 2014, eight graduate degree (Master's and PhD level) programs are being offered through a variety of courses and workshops. There currently are 10 faculty and administrative staff directly supporting educational programs in addition to academic support from the other K-State campuses (*over 160 faculty from the Manhattan and Salina campuses have contributed to various programs).

Research activities at K-State Olathe are also getting further established. The 10 laboratories are now occupied and represent the broad areas of veterinary medicine and animal health, food science and food handling, biological and agricultural engineering, water and the integrated sector of technology development/commercialization. Recent additions include (1) the Merck Animal Health sponsored Microbial Surveillance Laboratory (for sophisticated analysis of water samples and bacterial profiles); and (2) the K-State Olathe Innovation Accelerator funded through the Economic Development Administration (\$1.25 Million) with matching funds from K-State's Advanced Manufacturing Institute, Institute for Commercialization and K-State Olathe to bring technology-driven business/engineering solutions to agricultural, food and health related projects.

Engagement activities include the growing partnerships with K-12 schools in Johnson County including contributions to curriculum development with Blue Valley and Olathe 21st Century; in the last two years, over 10,000 students and teachers have engaged in mission-focused programs with K-State Olathe. Other outreach has involved partnership with Johnson County Research and Extension related to urban food systems, water and community service. The campus is also launching a new series of interactive dialogues to connect university-industry-government sectors for the benefit of overall regional development; the "Headliners 2025" series will have its inaugural event in February.

Economic development is also a strategic priority of this campus through workforce training and also through entrepreneurial partnerships with the private sector. As example, the partnership initiated in 2011 with SmartVet USA (subsidiary of Australian SmartVet Pty Ltd) has resulted in a patented technology for treating cattle. SmartVet has plans for launching a manufacturing facility in Kansas with employment capacity of over 50 people.

1. EDUCATIONAL PROGRAMS

JCERT supported Educational Programs at K-State Olathe

COURSES AND GRADUATE DEGREE PROGRAMS AS OF JANUARY 2014:

- MS in Biological & Agricultural Engineering
- MS in Food Science
- MS in Horticulture – emphasis on Urban Food Systems
- MS in Veterinary Biomedical Science
- Master of Agribusiness – emphasis on Animal Health
- Courses in Adult Education/Leadership (complementing technology areas)

Other Educational Programs at K-State Olathe

- MS in Adult & Continuing Education
- PhD in Adult & Continuing Education
- EdD in Adult & Continuing Education
- Graduate Certificate in Adult Learning

Table 1: Enrollment information for current graduate degree programs (first JCERT cohort started in Fall 2013).

Degree Programs	Launched at K-State Olathe	Current Enrollment 2013-2014	Anticipated Enrollment 2014-2015	Anticipated Enrollment 2015-2016
MS in Agribusiness (Emphasis in Animal Health)	Fall 2013	11 students 132 credits	12 students 144 credits	12 students 144 credits
MS in Biological & Agricultural Engineering	Spring 2014	2 students 13 credits	4 students 36 credits	8 students 72 credits
MS in Food Science	Fall 2013	2 students 5 credits	4 students 36 credits	6 students 54 credits
MS in Horticulture (Emphasis in Urban Food Systems)	Fall 2013	3 students 8 credits	5 students 45 credits	7 students 63 credits
MS in Veterinary Biomedical Science	Fall 2013	8 students 27 credits	12 students 108 credits	20 students 180 credits
Programs in Adult & Continuing Education (NON-JCERT)	Summer 2012	19 students 57 credits	49 students 139 credits	47 students 150 credits

Table 1: Courses offered at K-State Olathe and launch date by semester/year

Courses by Program/Department	Launched at K-State Olathe	2011-2012	2012-2013	2013-2014
Biological & Agricultural Engineering (BAE)	Spring 2014			3 spring courses
Curriculum & Instruction (EDCI)	Summer 2012	1 summer course	1 summer course	1 summer course
Diagnostic Medicine & Pathobiology (DMP)	Fall 2013			2 fall courses 3 spring courses
Educational Leadership (EDACE; Adult Education)	Summer 2012	1 summer course	2 fall courses 4 spring courses 3 summer courses	4 fall courses 5 spring courses
Food Science (FDSCI)	Fall 2013			1 fall course 2 spring courses
Horticulture (HORT)	Fall 2013			3 fall courses 3 spring courses
Mass Communications (MC)	Fall 2012		1 fall course 1 spring course	1 fall course 1 spring course

JCERT Scholarships

Scholarships			
Academic Year Awarded	# of Students Awarded	Average Amount Awarded Fall Semester	Average Amount Awarded Spring Semester
2013-2014 (as of Spring 2014)	12	\$687.50	\$ 868.83
2012-2013	5	\$625	\$950
Total number of students awarded	14		
Total amount awarded	\$20,688.27		

2. RESEARCH PROGRAMS

1. Food
 - a. Urban food systems/Post harvest physiology (Dr. Eleni Pliakoni)
 - b. Food Safety and microbiology (Dr. Sara Gragg)
 - c. Sensory & Consumer Research Center (Dr. Marianne Swaney-Steuve)
2. Animal Health/Biotechnology
 - a. Vaccines for swine diseases (Dr. Jishu Shi; Dr. Alison Paige Adams)
3. Water
 - a. Urban Water Institute (Dr. Stacy Hutchinson; Dr. Saugata Datta)
4. Biological and Agricultural Engineering
 - a. Renewable energy (Dr. Yu Deng)
 - b. Biomedical devices/diagnostics (Dr. Mei He)
5. Analytics/Diagnostics:
 - a. Microbial Surveillance Lab (Merck & Veterinary Diagnostic Laboratory; Dr. Brian Lubbers, Dr. Pat Williams)
6. Integrated
 - a. Innovation Accelerator (business/technological/engineering solutions for the agricultural and bioscience sectors; Dr. Brad Kramer; Jeff Tucker)
7. Sensory and Consumer Research Center (Food; Dr. Marianne Swaney-Steuve)

Summary for Fall 2013/Spring 2014:

Total Research Faculty = 12

Total Graduate Research Assistants (students) = 4

Total Post-doctoral Fellows = 1

Total Research Assistants/Associates and administrative support = 4

External Awards/Equipment gifts relevant to research: 4

1. U. S. Department of Agriculture, \$1M award to Dr. Eleni Pliakoni
2. Economic Development Administration \$1.25M matched to \$1.25M from K-State (\$2.5M total)
3. Waters Corporation, donation of laboratory equipment (\$83,000)
4. Merck Animal Health, \$250,000 for Microbial Surveillance Laboratory

3. ENGAGEMENT ACTIVITIES AND PROGRAMS

2012-2013	K-State Events	External Group Events	Academic Classes / Events	# of Attendees
August 2012	32	13	5	1459
September 2012	38	18	14	1633
October 2012	46	13	12	1609
November 2012	28	27	8	1639
December 2012	24	8	7	932
January 2013	37	10	11	1358
February 2013	38	5	10	1105
March 2013	49	18	10	1841
April 2013	56	6	11	2963
May 2013	49	4	8	1612
June 2013	44	8	6	1738
July 2013	37	8	8	795
August 2013	50	13	18	1930
September 2013	31	20	46	1940
October 2013	35	16	50	2035
November 2013	48	13	44	1859
December 2013	19	9	10	711

A range of K-12 programs and activities with Johnson County school districts continue to be delivered to increase the pipeline of students selecting bioscience and technology related educational and career pathways; teachers and educators have also participated in various workshops and camps.

4. ECONOMIC DEVELOPMENT

Various projects and programs have contributed to economic outcomes since the launch of the K-State Olathe facility. Recent examples include:

1. K-State Olathe Incubator Kitchen partnered with Hoganville Family Farms (October 2013). This project resulted in the production of 34,000 pounds of sauerkraut and allowed the campus and company to jointly develop a commercially viable process and plan for the family operation to increase production, revenue and market potential.
2. Participants in programs and events also impact local restaurant and lodging facilities.

Total Number of Employees at K-State Olathe (December 2013):

Non-JCERT Funded Positions: 17
JCERT Funded Positions: 15 fulltime, 10 part-time

Kansas State University - Olathe
Financial Report - Dec. 31, 2013

	Actual FY 13 Expenditures		Approved FY 14 Budget			Actual FY 14 as of 12/31/13		
	JCERT	KSU & Other Sources	JCERT	KSU & Other Sources	Total	JCERT	KSU & Other Sources	Total
Sources of Funds								
Carry forward balance - JCERT	3,089,222		3,408,959		3,408,959	3,408,959		3,408,959
Carry forward balance - KSU		763,744	-	1,341,959	1,341,959		1,341,959	1,341,959
JCERT Revenue	4,991,900		5,100,000		5,100,000	2,639,600		2,639,600
KSU funds		860,975		958,615	958,615		958,615	958,615
Tuition - Est		88,954		168,000	168,000		64,050	64,050
Interest	3,222		3,000		3,000	1,784		1,784
Other	89,842		25,000		25,000	14,257		14,257
Total Revenue	5,084,964	949,929	5,128,000	1,126,615	6,254,615	2,655,642	1,022,665	3,678,307
Total Sources of Funds	8,174,186	1,713,673	8,536,959	2,468,574	11,005,533	6,064,601	2,364,624	8,429,225
Expenditures								
Debt Service	2,027,618		2,030,495		2,030,495	1,019,415		1,019,415
Spec Tax Assess - Ben. Distr	236,974		258,585		258,585	114,202		114,202
Salaries - Administration	635,750		725,000		725,000	281,847		281,847
Develop & Corp relations		110,963		141,676	141,676		61,731	61,731
Building Management								
Oper & Maint	360,415		340,000		340,000	171,458		171,458
security	77,613		80,000		80,000	38,457		38,457
custodial	78,048		80,000		80,000	38,632		38,632
Utilities	316,094		300,000		300,000	180,990		180,990
Deferred maint	261,809		400,000		400,000			-
subtotal	1,093,980		1,200,000		1,200,000	429,537		429,537
Other Operating Expenses	162,077		120,000		120,000	68,754		68,754
Marketing & Comm	108,531		80,000		80,000	17,122		17,122
Program Budget								
Administration	110,434	79,597	199,750	67,875	267,625	94,464	35,588	130,052
Urban Water Inst.	19,555		22,582	90,000	112,582	785	64,421	65,206
Sensory & Consumer Res	111,912		125,000		125,000	58,600		58,600
Academic Programs	39,264	2,540	33,000	-	33,000	21,065	-	21,065
Adult Education		96,551		98,000	98,000	-	53,195	53,195
Bio & Ag Engineering		1,490	-	237,000	237,000	2,945	75,838	78,784
Food Science		57,368	-	123,400	123,400	6,591	63,288	69,878
Horticulture		23,205	-	90,000	90,000	1,144	44,618	45,762
Veterinary Med			-	41,673	41,673	9,225	11,370	20,595
Tuition to K-State departments		-		108,000	108,000	-	-	-
Innovation Accelerator EDA Grant				100,000	100,000		-	-
Scholarships	15,300		50,000		50,000	14,688		14,688
Food Safety/Programs	95,074		101,000		101,000	57,324		57,324
K-12 support	108,757		121,250		121,250	50,852		50,852
Subtotal - academic program	500,296	260,751	652,582	955,948	1,608,530	317,683	348,318	666,001
Total Expenditures	4,765,227	371,714	5,066,662	1,097,624	5,439,286	1,966,713	410,048	2,376,761
Net (Rev-Exp)	319,737	578,215	61,338	28,991	815,329	688,929	612,617	1,301,545
Ending Balance	3,408,959	1,341,959	3,470,297	1,370,950	5,566,247	4,097,888	1,954,576	6,052,463

Kansas State University - Olathe
Statement of Financial Position
June 30, 2013

ASSETS	FY 2013	FY 2012
Current Assets		
Cash	\$ 240,871	\$ 215,089
Restricted Cash	\$ 5,186,424	\$ 6,423,840
Total Cash	<u>\$ 5,427,295</u>	<u>\$ 6,638,929</u>
Investments	\$ 1,983,716	\$ -
Accounts Receivable	\$ 98,059	\$ 360
Prepaid Expenses	\$ 30,078	\$ 24,694
Total Current Assets	<u>\$ 7,539,148</u>	<u>\$ 6,663,983</u>
Capital Assets		
Building	\$ 28,650,445	\$ 28,634,595
Land	\$ 4,500,000	\$ 4,500,000
Furniture and Fixtures	\$ 672,274	\$ 479,565
Office Equipment	\$ 2,805,143	\$ 2,747,260
Art collection	\$ 92,270	\$ 89,270
Less: Accumulated depreciation	\$ (2,466,092)	\$ (1,127,122)
Net Capital Assets	<u>\$ 34,254,040</u>	<u>\$ 35,323,568</u>
Total Assets	<u><u>\$ 41,793,188</u></u>	<u><u>\$ 41,987,551</u></u>
LIABILITIES AND NET ASSETS		
Current Liabilities		
Accounts payable	\$ 105,071	\$ 81,709
Accrued liabilities	\$ 953,150	\$ 653,140
Current portion of long-term debt	\$ 671,218	\$ 656,218
Total Current Liabilities	<u>\$ 1,729,439</u>	<u>\$ 1,391,067</u>
Long-Term Liabilities		
Bonds payable	\$ 28,935,000	\$ 29,470,000
Special assessment payable	\$ 2,043,264	\$ 2,179,482
Total Long-Term Liabilities	<u>\$ 30,978,264</u>	<u>\$ 31,649,482</u>
Total Liabilities	<u><u>\$ 32,707,703</u></u>	<u><u>\$ 33,040,549</u></u>
Net Assets		
Unrestricted	\$ 6,791,659	\$ 5,857,780
Temporary restricted	\$ 2,293,826	\$ 3,089,222
Total Net Assets	<u>\$ 9,085,485</u>	<u>\$ 8,947,002</u>
TOTAL LIABILITIES AND NET ASSETS	<u><u>\$ 41,793,188</u></u>	<u><u>\$ 41,987,551</u></u>