Council of Chief Academic Officers

Wednesday, September 17 2014 9:00 a.m. – 10:00 a.m. or upon adjournment of SCOCAO Kathy Rupp Conference Room 1000 SW Jackson Street, Suite 520 Kansas Board of Regents Topeka, Kansas and reconvene at noon

AGENDA

			Page
1.	Approve M	linutes of June 18, 2014 [Attachment 1]	3
2.	New Progr	am Requests	
	a. KSU-	Request Approval of Master of Science in Personal Financial Planning (FIRST READING) [Attachment2]	7
	b. KU -	Request Approval of a Bachelor of Applied Science in Biotechnology (SECOND READING) [Attachment3]	12
	c. PSU -	Request Approval of a MS in Polymer Chemistry (SECOND READING) [Attachment 4]	19
3.	Program R	lequests	Approval of a Bachelor of Applied Science in Biotechnology 12 Approval of a MS in Polymer Chemistry (SECOND READING) 12 Approval of a MS in Polymer Chemistry (SECOND READING) 19 Approval to Change the Master of Science Master Teacher to the 19 Approval to Change the Master of Science Master Teacher to the 25 Approval to Change the Name of the Department of Psychology 25 Approval to Change the Name of the Department of Psychology 26 Approval to Establish a School of Languages, Literatures, and 26 Swithin the College of Liberal Arts and Sciences [Attachment 7] 27
	a. ESU -	Request Approval to Change the Master of Science Master Teacher to the Master of Science Instructional Specialist [Attachment 5]	25
	b. KU -	Request Approval to Change the Name of the Department of Psychology and Research in Education to Department of Educational Psychology	
	e KU-	[Attachment 6] Request Approval to Establish a School of Languages Literatures and	26
	d KU	Cultures within the College of Liberal Arts and Sciences [Attachment 7] Paguest Approval to Change the Name of the Center for Bioinformatics	27
	u. KU-	to the Center for Computational Biology [Attachment 8]	29
	e. wsu-	[Attachment 9]	31
	f. WSU -	Request Approval to Change the Name of the BSBE in Bioengineering to the BSBE in Biomedical Engineering [Attachment 9]	31
	g. FHSU	- Request Approval to Establish a New Department of Computer Science and Information Systems Engineering in the College of Arts and Sciences	-
		[Attachment 10]	32

4. Informational Item

a.	ESU -	New Concentration in the Master of Science – Instructional Specialist – Elementary STEM
1	TZTI	

b. KU - New Concentration – Indigenous Studies Minor within the in Indigenous Studies Program

5. Discussion

- a. Tilford Representatives on Diversity
- b. TAAC/Transfer
- 6. Other Business

AGENDA MATERIALS DUE	MEETING DATES	LUNCH ROTATION			
August 27, 2014	September 17, 2014	FHSU			
September 24, 2014	October 15, 2014	KSU			
October 29, 2014	November 19, 2014	PSU			
November 21, 2014	December 17, 2014	ESU			
December 19, 2014	January 14, 2015	WSU			
January 21, 2015	February 11, 2015	KU			
February 18, 2015	March 11, 2015	KUMC			
March 25, 2015	April 15, 2015	WASHBURN U			
April 22, 2015	May 20, 2015	FHSU			
May 27, 2015	June 17, 2015	KSU			
*Please Note: New Program Proposals are to be submitted 4 weeks prior to the next					
COCAO meeting for review and processing purposes.					

Council of Chief Academic Officers

Wednesday, June 18, 2014 9:15 a.m. – 10:00 a.m. Or upon adjournment of SCOCAO Kathy Rupp Conference Room Kansas Board of Regents and reconvene at Noon Kathy Rupp Conference Room

MINUTES

The Council of Chief Academic Officers met in the Kathy Rupp Conference Room, Kansas Board of Regents, Topeka, Kansas at 9:15 a.m. on Wednesday, June 18, 2014 and reconvened at 11:30 a.m. in the Kathy Rupp Conference Room.

Members Present:

Chris Crawford Interim Provost, FHSU Sara Rosen for Jeffrey S. Vitter, Provost & EVC, KU April Mason, Provost, KSU Lynette Olson, Provost, PSU

David Cordle, Provost, ESU Tony Vizzini, VPAA, WSU Randy Pembrook, VPAA, Washburn U Robert Klein, VCAA, KU Med Ctr

Staff Present:

Gary Alexander, Jean Redeker, Jacqueline Johnson, and Karla Wiscombe

Others Present:

Rick Muma, Wichita State University; Ruth Dyer, Kansas State University; Cindy Hoss, Hutchinson Community College; Joe Varrientos, Pratt Community College; Justin Honey, Pittsburg State University; David Rintoul, Kansas State University; Stephen Donnelly, Fort Hays State University; Bill Backlin, Cloud County Community College; Karla Fisher, Butler County Community College; Kim Krull, Butler County Community College; Shannon Covert, Butler County Community College; Alysia Johnston, Coffeyville Community College; Andy Anderson, Johnson County Community College; Manjula Shinge, Emporia State University; Sheryl Lidzy, and Emporia State University

Approve Minutes of May 14, 2014

Tony Vizzini moved, and Lynette Olson seconded the motion, to approve the May 14, 2014 minutes as submitted. Motion carried unanimously.

New Program Requests

a. KU - Request Approval of a Bachelor of Applied Science in Biotechnology (FIRST READING)

The University of Kansas' request for approval of a Bachelor of Applied Science in Biotechnology is one agenda for First Reading. If anyone has input/concerns, please send them to Jeff Vitter prior to the September 2014 meeting.

b. PSU - Request Approval of a MS in Polymer Chemistry (FIRST READING)

The Pittsburg State University's request for approval of a MS in Polymer Chemistry is one agenda for First Reading. If anyone has input/concerns, please send them to Lynette Olson prior to the September 2014 meeting.

c. PSU - Request Approval of a Doctor of Nursing Practice (DNP) (CIP 51.3818)

April Mason moved, and Sara Rosen seconded the motion, to recommend approval and expedite the new program approval process by taking the Pittsburg State University's Doctor of Nursing (DNP) (CIP 51.3818) to the Council of Presidents today. Motion carried unanimously.

Program Requests

- a. PSU Request Approval of a Minor in Film and Media Studies
- b. PSU Request Approval of a Minor in Dance
- c. PSU Request Approval of an Undergraduate Certificate in Dance

Tony Vizzini moved, and Sara Rosen seconded the motion, to approve the Pittsburg State University's request for approval for a Minor in Film and Media Studies, a Minor in Dance and an Undergraduate Certificate in Dance. Motion carried unanimously.

d. PSU - Renaming of the Masters of Wind Conducting to a Masters of Music in Instrumental Conducting with two new emphases 1) Orchestral Conducting and 2) Wind Conducting

Tony Vizzini moved, and Sara Rosen seconded the motion, to approve the Pittsburg State University's request to rename the Masters of Wind Conducting to a Masters of Music in Instrumental Conducting with two new emphases 1) Orchestral Conducting and 2) Wind Conducting. Motion carried unanimously.

e. KU - Request Approval for the Center for East Asian Studies to Become an Academic Degree Granting Unit

Lynette Olson moved, and Chris Crawford seconded the motion, to approve the University of Kansas' request for approval for the Center for East Asian Studies to become an academic granting unit. Motion carried unanimously.

f. WSU - Request Approval to Change the name of the School of Art and Design to the School of Art, Design and Creative Industries

April Mason moved, and Lynette Olson seconded the motion, to approve the Wichita State University's request for approval to change the name of the School of Art and Design to the School of Art, Design and Creative Industries. Motion carried unanimously.

g. KSU - Request Approval to Change the Name of the Department of Distance Education to the Professional Education and Outreach Center and to Change the Name of the Department of Fiscal Affairs to Fiscal Services at the Salina Campus

Tony Vizzini moved, and Sara Rosen seconded the motion, to approve the Kansas State University's request for approval to change the Name of the Department of Distance Education to the Professional

Education and Outreach Center and to change the name of the Department of Fiscal Affairs to Fiscal Services at the Salina Campus. Motion carried unanimously.

h. ESU - Request Approval to Change the Name of the Newman Division of Nursing to the Department of Nursing

i. ESU - Request Approval to Change the Name of the Master of Science in Mental Health Counseling to the Master of Science in Clinical Counseling

Tony Vizzini moved, and Sara Rosen seconded the motion, to approve the Emporia State University's request for approval to change the name of the Newman Division of Nursing to the Department of Nursing and to change the name of the Master of Science in Mental Health Counseling to the Master of Science in Clinical Counseling. Motion carried unanimously.

Informational Item

a. PSU - Eliminating Emphasis in Composition and Rhetoric – MA in English

b. PSU - Eliminating Emphasis in Professional/Technical Writing – MA in English

c. PSU - New Emphasis to Bachelor of Science in Psychology degree – Emphasis in Psychology and the Military

d. PSU - New Masters Level Certificates in Reading/Language Arts, Technology Integration, School Library, English for Speakers of Other Languages, and Autism Spectrum Disorders

e. KU - Addition of a streamlined process to discontinue inactive academic programs

f. KU - Discontinued programs: 1) MS in Water Resource Engineering, 2) MS in Waster Resource Science, 3) BGS in Human Biology, and 4) MA in Chemistry

The above listed items a - f are informational and no action is required.

Other Business

Board Approval of University Admissions Policies

Jean Redeker advised COCAO of the need to submit admissions policies to the Board of Regents this summer due to substantial changes made to the Qualified Admissions Regulations.

Lynette Olson moved, and Tony Vizzini seconded the motion, to adjourn. Motion carried unanimously.

Meeting adjourned at 9:47 a.m. The University Press of Kansas Board of Trustees will convene at 11:30 a.m. in the Kathy Rupp Conference Room.

Sincerely, David Cordle Provost Emporia State University

University Press of Kansas (UPK) – Board of Trustees Meeting

The University Press of Kansas Board of Trustees met in the Kathy Rupp Conference Room, Kansas Board of Regents, Topeka, Kansas at 11:30 a.m. on Wednesday, June 18, 2014.

Charles Myers, Director of the University Press of Kansas, presented a revised request for subvention of the University Press of Kansas. Instead of a 10% increase, the revised request is for 4.3% increase.

April Mason moved, and Lynette Olson seconded the motion, to accept the revised increase in subsidy as prescribed by Charles Myers. Motion carried unanimously.

Director Myers will provide the exact figures per university.

Lynette Olson moved, and April Mason seconded the motion, to move into executive session at 12:00 noon for fifteen minutes. Motion carried unanimously.

April Mason moved, and Sara Rosen seconded the motion, to go out of executive session. Motion carried unanimously.

Sara Rosen moved, and Tony Vizzini seconded the motion, to adjourn. Motion carried unanimously.

Meeting of the University Press of Kansas adjourned at 12:30 p.m.

Attachment 2 Request Approval of Master of Science in Personal Financial Planning (FIRST READING) – KSU

Universities may apply for approval of new academic programs following the guidelines in the Kansas Board of Regents Policy Manual. The University of Kansas has submitted an application for approval of a Master of Science in Personal Financial Planning. The proposing academic unit has responded to all of the requirements of the program approval process. No universities have programs utilizing this Classification of Instructional Program (CIP) code. A PDF of the full proposal is available at http://www.kansasregents.org/forms_documents.

<u>Criteria</u>	Program Summary
1. Program Identification & CIP	Master of Science in Personal Financial Planning, CIP Code 52.0804
2. Academic Unit	College of Human Ecology, School of Family Studies & Human Services
3. Program Description	Currently, Personal Financial Planning is a sub-plan within the Family Studies and Human Services degree. The proposal is for a stand-alone M.S. in Personal Financial Planning to meet the professional demands of solidifying Personal Financial Planning as an independent and growing program, and to provide the opportunity for M.S. thesis completion to prepare for doctoral programs in Personal Financial Planning. Graduates find placement in comprehensive or small financial planning practices, insurance, investments, retirement planning, as well as in banks, trust departments, and Cooperative Extension. There is a real need for financial planners in our society as people strive to manage their money and reach their financial goals, providing tremendous growth projections for the field.
4. Demand/Need for the Program	Due to our aging population and growing demand for financial planners, the U.S. Bureau of Labor Statistics projected 32% job growth for financial planners between 2010 and 2020. The Kansas Department of Labor projected even greater growth, at 43% for the same period. Enrollment in the Family Studies and Human Services M.S. specialization in Personal Financial Planning has exceeded 50 students per year for the past five years. Greater visibility as a stand-alone program will contribute to demand. Additionally, the program has added an M.S. thesis option to attract students who want to prepare for doctoral education in Personal Financial Planning.
5. Comparative/Location al Advantage	The M.S. in Personal Financial Planning will be offered online, by an inter- institutional Great Plains Interactive Distance Education Alliance (GPIDEA) team of faculty from Kansas State University, Iowa State University, University of Missouri, University of Nebraska, North Dakota State University, Oklahoma State University, and South Dakota State University. This GPIDEA program has already been approved. We maintain our accreditation with the Certified Financial Planning Board of Standards and a memorandum of understanding with the Association for Financial Counseling and Planning Education so that our students may take the rigorous exams of both associations. No other public institution in Kansas offers a master's degree in this area.

Background

6. Curriculum	The primary academic objectives are to provide students with the opportunity to: Solve real world problems; Apply their creativity in helping others meet challenges; Develop and refine communication skills; Work in multidisciplinary and diverse teams; Obtain an understanding of 21st century technologies; Learn through instruction by faculty committed to both teaching and research; Participate in professional groups and activities; Assume professional leadership positions; Understand and conduct scholarly research in personal financial planning; Be part of a growing program that is devoted to building the finest personal financial planning program in the nation while meeting the growing need for well-trained graduates.
	Other academic program objectives include: Providing courses that meet the criteria to maintain the program's registered status with the Certified Financial Planning Board of Standards, Inc. Students will be able to comprehensively integrate financial planning content areas into the development of financial plans and targeted financial planning recommendations that meet specific individual and family need sets; Providing opportunities for students to demonstrate the ability to apply verbal, written, and graphic communication and presentation skills to client presentations; Providing students with opportunities to integrate knowledge about family finance, relationships, and management issues in families that are experiencing financial distress through the development of a comprehensive assessment and plan of action based on possible alternatives; Encouraging students to participate in scholarly research; Encouraging students to take and pass the national CFP Certification Examination.
	To meet program objectives, students complete 27 hours of core coursework and then complete either 9 hours of applied practica electives or 9 hours of research electives for a total of 36 hours. The core course work covers the six steps of the financial planning process and the 78 learning objectives set forth by the accrediting body—The Certified Financial Planner of Standards. Students interested in applied financial planning will take nine hours of practica elective. Students interested in pursuing a research-oriented career or a doctoral degree will take nine hours of research electives. Successful completion of the coursework will result in a Master of Science Degree in Personal Financial Planning.
7. Faculty Profile	The Personal Financial Planning unit in the School has six faculty members involved with the M.S. degree program (four holding the CFP® designation): an Instructor, two Assistant Professors, and three Associate Professors.
8. Student Profile	Currently, there are over 50 M.S. students enrolled in the Personal Financial Planning sub-plan within the Family Studies and Human Services degree. About half of the students are women. Their ages range from 23 to 61 years of age. Most are non-Hispanic White, but seven percent are Asian, and eleven percent are African-American. Nearly a quarter of the most recent cohort entering the program were changing careers (e.g. leaving military service, lost jobs, or retired). Most of the students hold a full-time job in addition to taking classes part-time.

9. Academic Support	The personal financial planning master's degree development and growth will be supported by six faculty members, all with terminal degrees in the field; four of them are Certified Financial Planners. Additionally, the unit employs a full-time unclassified staff person to provide support services and recruit new students.
10. Facilities & Equipment	No additional space requirements, facilities, renovations will be needed.
 Program Review, Assessment, Accreditation 	In FY 2019, the degree programs in the College of Human Ecology will go through a formal review process by the Kansas Board of Regents. In the last review of the program as contained within the School of Family Studies and Human Services master's degree, there were no issues identified with the Personal Financial Planning unit. An internal review occurs on an annual basis as required by the CFP Board, since we maintain registration with the CFP Board to allow students to take the CFP Exam upon graduation.
12. Costs, Financing	All salaries and OOE have been and will continue to be supported through state allocations and student tuition dollars. The program is self-sustaining without the need for additional funding or reallocation from other units.

CURRICULUM OUTLINE

NEW DEGREE PROPOSALS

Kansas Board of Regents

Ι	Identify the new	degree: M.S. Personal Financial Planning	
II.	Provide courses	required for each student in the major:	
		Course Name & Number	Credit Hours
Co	re Courses:		
		FSHS 624 Fundamentals of Family Financial Planning	3
		FSHS 702 Financial Theory and Research I	3
		FSHS 756 Financial Counseling	3
		FSHS 760 Family, Employment Benefits and Retirement	3
		FSHS 762 Investment Planning	3
		FSHS 766 Insurance Planning	3
		FSHS 764 Estate Planning	3
		FSHS 772 Personal Income Taxation	3
		FSHS 836 Case Studies	3
Ele	ctives:		
		Option A (9 credits)	
Pra	ctica:	FSHS 675 Field Study in Family Economics	3
		FSHS 704 Seminar in FSHS	3
		FSHS 835 Professional Practice	3
		OR	
		Option B (9 credits)	
Res	search:	FSHS 899 MS Research in FSHS	6
		FSHS 802 Financial Theory and Research II Or	3
		FSHS 806 Statistical Methods in FSHS Or	3
		STAT 703 – Introduction to Statistical Methods for the Scie	nces 3

TOTAL 36

Fiscal Summary for Proposed Academic Program

IMPLEMENTATION YEAR FY 2015

Institution: Kansas State University Proposed Program: M.S. Personal Financial Planning

Part I.	Implementation		Year		Year	
Anticipated	Year		2		3	
Enrollment						
	Full-	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time
A. Full-time,		70		75		75
Part-time						
Headcount:						
B. Total SCH		980		1,050		1,040
taken by all						
students in						
program						
Part II. Program Cost Projection						
A. In implementat	ion year of	ne, list all ide	ntifiable Ger	neral use cost	s to the acade	emic unit(s)
and how they will be funded. In subsequent years, please include only the additional amount						
budgeted.						
Fall,		Y	ear	Y	ear	
Implementation		2		3		
Costs:	\$493,000		0		0	
Salaries						
OOE	\$25,000		0		0	
Total	\$5	18,000		0		0

All salaries and OOE have been and will continue to be supported through state allocations and student tuition dollars. The program is self-sustaining without the need for additional funding or reallocation from other units.

Request Approval of a Bachelor of Applied Science in Biotechnology (SECOND READING) - KU

Universities may apply for approval of new academic programs following the guidelines in the Kansas Board of Regents Policy Manual. The University of Kansas has submitted an application for approval of a Bachelor of Applied Science in Biotechnology. The proposing academic unit has responded to all of the requirements of the program approval process. No institutions have programs utilizing this Classification of Instructional Program (CIP) code.

Criteria		Program Summary		
1.	Program Identification	Bachelor of Applied Science in Biotechnology (CIP 26.1201)		
2.	Academic Unit	Undergraduate Biology		
3.	Program Description	The proposed Bachelors of Applied Science in Biotechnology (BAS- BTEC) is designed as a degree-completion program for students who have earned the Associate in Science (AS) in Biotechnology at a community college. The BAS-BTEC will allow students to build on the knowledge and technical skills acquired in the AS degree programs at Johnson County Community College (JCCC), Kansas City Kansas Community College (KCKCC) and the Metropolitan Community Colleges (MCC) in Missouri.		
		Individuals with an AS degree are hired for entry-level positions, but their opportunities for advancement are limited. The proposed BAS- BTEC curriculum at the University of Kansas Edwards Campus will provide the additional skills required for individual career advancement while meeting industry needs for highly skilled biotechnicians. The BAS-BTEC will provide students with the scientific knowledge, managerial training, and professional skills necessary to move directly into the biotechnology workforce immediately after graduation.		
4.	Demand/Need for Program	 The Greater Kansas City region is home to more than 200 life science companies, including 90 contract research organizations (CROs). These organizations offer a wide range of research and development services and have more than 60 currently marketed pharmaceutical products; they employ more than 20,000 people and generate \$1.8 billion dollars annually. The region between Columbia, MO, and Manhattan, KS, known as the Animal Health Corridor, the single largest concentration of animal health interests in the world, generates another \$6 billion. In Johnson County, contract research organizations include Aerotek Scientific, Alpha IICH Inc., Bayer Healthcare, Beckloff Associates Inc., Beta-Chem, Brakke Consultings Inc., cGMP Validation LLC, CKL 		

Background

	Regulatory Solutions, Clinical Reference Laboratory, Clinipace Worldwide, Durrie Vision, EMB Statistical Solutions LLC, Expedite Animal Health, GreenTree Technology Partners, Hennessy Research Associates, i3 Global, Integrated Biotech Solutions, Johnson County Clinical Trials, KantarHealth, KCAS Bioanalytical Services, KU- Cancer Center, Lee Research, Ligand Pharmaceuticals, Micron Group, Midwest BioServices LLC., Pace Analytical, Pivot International, PRA International, PRL Central Laboratory Services, Professional Toxicology Services, Propharma Group Inc., PTS Consulting LLC., Quest Diagnostics, Quintiles, SAFC, US Micron, Vince & Associates Clinical Research, Vitalograph and Xenotech LLC. For continued growth, these companies require a skilled labor force with the hands- on skills that will be provided by this degree.
	The Kansas City Regional Life Sciences Industry Census-2009 provides a strong rationale for this Biotechnology degree completion program. 73% of the vacant positions call for bachelors or higher degrees. Despite lackluster hiring during the recession, 82% of respondents in the survey said they would be hiring for up to 1000 positions (in sum) within the next three years. The potential for growth is indicated by current profiles of small companies: 62 companies with less than 5 or fewer employees comprise 30% of companies in the area, but employ less than 1% of regions' life sciences workforce.
	The Kansas Medical Center, now designated a National Cancer Center, the Stowers Institute in Missouri, and other academic research institutions in the area will continue to recruit bachelor's level personnel as technicians.
	JCCC currently has some 35 students in its Biotechnology AS program each year. This program provides a direct conduit into the proposed BAS Biotechnology program to constitute a 2+2 JCCC/KU-Edwards Campus program. In addition, MCC usually sends 2-3 students to Edwards as part of its collaborative partnership with JCCC.
5. Comparative/Locational Advantage	There are no programs similar to the proposed BAS-BTEC in the Regents system or in the region, including all of the contiguous mid- western states. The proposed BAS-BTEC differs from existing undergraduate biology degree programs offered on the Lawrence campus and at other schools in the region in its emphasis on specific "hands-on" skill sets required by biotech industries.
6. Curriculum	The proposed Bachelor of Science in Biotechnology program requires completion of 113 credit hours. Sixty-four hours will be transferred from the seventy-one hours required for the AS in Biotechnology program at JCCC. The Biotechnology degree at Edwards will require sixty KU hours, half are applied biotechnology courses and half are other academic courses, as required for the KU Core or as electives.

	Biotechnology faculty/staff members and members of a Biotechnology Advisory Board drawn from area biosciences industries serve as advisors to the students and as liaisons with the participating internship sites. This degree incorporates an internship experience in the capstone course. This capstone course calls upon the students to use the skills learned in the program to execute a professional, comprehensive project. This culminating experience of the program allows faculty and industry advisors to review the student's entire major experience and results in a public exhibition of a student's work in conjunction with an industry partner.
7. Faculty Profile	The Director of the Undergraduate Biology Program and Undergraduate Biology Committee composed of faculty of the departments of Molecular Biosciences and Ecology and Evolutionary Biology on the Lawrence campus, will provide oversight for the curriculum and instructional staff. Two Ph.D. Lecturers in molecular biosciences are currently employed full time on the Edwards campus and will teach in the program.
	Two additional FTE faculty members will be hired to teach, advise students, oversee the equipment and facilities, and supervise the laboratory technician. They will be appointed to the KU Undergraduate Biology Program either Professors of Practice or Lecturers. (Professors of the Practice will have professional degrees and licensing/certification in their fields, as well as significant records of achievement in working in their specific fields outside of the academy.)
8. Student Profile	This program will draw students from community colleges in the region, particularly from JCCC, which currently has an estimated 35 students each year in its Biotechnology AAS and AS programs. The program will also attract students from Missouri and given the Edwards campus offers tuition rates equivalent to in-state rates for Missouri residents who qualify, the BAS-BTEC program will be a financially viable option for many of them. In addition to attracting recent community college graduates, the program is likely to appeal to students who entered the workforce with associate degrees and would now like to upgrade their skills for career advancement. Anticipated enrollment is 50 students within four years.
9. Academic Support	The College of Liberal Arts and Sciences (CLAS) Student Academic Services will serve students in the BAS-BTEC. The CLAS Director of Undergraduate Advising at Edwards, advises students in the College's bachelor's degree completion programs on that campus.
	There are no special requirements for new library acquisitions.
	To support the program coordinator at Edwards and the instructors,

	two new staff positions will be necessar (.5 FTE) and a technician (1.0 FTE).	y, an administrative assist	ant
10. Facilities and Equipment	Required renovation: Ventilation expansion from the central lab (Rm. 9) into Rm. 21 \$25,000 Osmotic water extension from the central lab into Rm. 21 \$1,000 Case Work (FormaSpace 4 benches, 8 chairs) \$13,212 Electrical \$5,000 Equipment \$444,267		
	Equipment detail: Bioreactor 3L Ultracentrifuge Avanti J26S & Rotors (Beckman) JLA-3.1000 Rotor (Beckman) JA-25.50 RT-Thermal Cycler Mx qPCR Agilent MicroArray Scanner SureScan Agilent Fluorescence Microscope DNA/RNA sequencer Capillary Electrophoresis Cryogenic Storage Unit Automated multichannel pipet Separation Science components (columns, resin, fraction collectors, etc. [as needed]) Computers	\$36,654 \$38,831 \$17,300 \$5,459 \$30,326 \$137,903 \$33,000 JCCC \$99,000 \$3,634 \$2,160 \$35,000 \$5000	. 470
11 Program Paviaw	TOTAL (without yearly consumables)	\$488	3,479 mic
Assessment, Accreditation	team and an external industry advisory board, will be responsible for reviewing the BAS degree in Biotechnology. Working with the full- time faculty member overseeing this program, the Advisory Board will ensure that the curriculum meets industry needs and standards. The proposed program will be regularly reviewed and evaluated in accordance with the standard procedures of the KU Undergraduate Biology Program, the College of Liberal Arts and Sciences, the Provost's Office, and the Kansas Board of Regents. There are currently no external accrediting agencies for a BAS-BTEC program.		

12. Costs/Financing	Faculty		Yearly Lab		Admin	
	Salaries	<u>OOE</u>	Costs-OOE	Equipment	<u>Support</u>	
	<u>TOTAL</u> Year 1 \$152k \$613,212	\$5k	\$35k	\$344,212**	\$77k	
	Year 2 \$152k \$428,267	\$5k	\$50k	\$144,267	\$77k	
	Year 3 \$152k \$284,000	\$5k	\$50k		\$77k	
	Note: OOE includes \$35,000 annual expenses for lab materials + \$5,000 for general operating and office expenses + \$15,000 for equipment and lab maintenance needed after the 1 st year.					
	One 1.0 FTE technician, salary \$47,000 - \$55,000, will maintain the equipment and facilities at the Edwards Campus. This individual will also develop services to the life sciences community by offering use of the equipment and facilities to the area businesses for a fee.					
	One 0.5 FTE administrative assistant, at \$18, 000 - \$22,000, will handle student interactions and paperwork, recruitment needs, mailing, etc. for the BAS program. JCERT funding will support salaries, OOE, yearly lab costs and administrative support, the renovation costs and the lab equipment. **Includes the \$44,212 renovation to Room 21 Regents Center					

CURRICULUM OUTLINE NEW DEGREE PROPOSALS Kansas Board of Regents

I. Identify the new degree:

Bachelor of Applied Science of Biotechnology

II. Provide courses required for each student in the major:

Core Course Name & Number

Credit Hours

COME		
COMS		
310 or		
COMS		
330	Organizational Comm. or Business Comm.	3
MATH		
365 or	Statistics; Elementary Statistics or Statistics in Psychological	
PSYC 210	Research	3
MGMT		
305 or		
SA&D		
402	Management or Project Management	3
BTEC 300	Introduction to Biotechnology	3
BTEC 330	Biotechnology Regulation and Documentation Processes	3
BTEC 340	Biotechnology Research Methods and Applications I	1
BTEC 341	Principles of Bioprocessing Laboratory I	3
BTEC 440	Biotechnology Research Methods and Applications II	1
BTEC 441	Principles of Bioprocessing Laboratory II	3
BTEC 450	Applied Bioinformatics	3
BTEC 460	Introduction to Quality Control/Quality Assurance in Biotechnology	3
BTEC 494	Selected Topics in Biotechnology	1

Electives

BTEC 501	Ethical Issues in Biotechnology	1
BTEC 541	Gene Expression Analysis	2
BTEC 542	Protein Expression in Insect Cells	2
BTEC 545	RNA Interference and Model Organisms	2
BTEC 547	Bioanalytical Lab	2

Research

BTEC 424 Independent Study in Biotechnology 1 - 3			
	BTEC 424	Independent Study in Biotechnology	1 - 3

Practica

BTEC 599 Biotechnology Capstone Experience 3		BTEC 599	Biotechnology Capstone Experience	3
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Total 39

Implementation Year FY 2014 - 2015

Fiscal Summary for the Proposed Academic Program

Institution: <u>University of Kansas - Edwards</u> <u>Campus</u>

Proposed Program: Bachelor of Applied Science in Biotechnology

Part I. Anticipated Enrollment								
	Implementation Year			Year 2			Year 3	
	Full- Time	Part- Time		Full- Time	Part- Time		Full- Time	Part- Time
A. Headcount	10	5		22	10		27	15
B. Total SCH taken by all students in the program	170			368			468	

Part II. Program Cost Projection

A. In the <u>implementation</u> year, list all identifiable **General Use** costs to the academic unit(s) and how they will be funded.

In subsequent years, please include **only** the additional amount budgeted.

	Implementation Year	Year 2	Year 3
Base Budget			
Salaries	\$229,000	\$229,000	\$229,000
OOE	\$40,000	\$55,000	\$55,000
Renovation to Rm. 21	\$44,212		
Equipment Costs	\$300,000	\$144,267	
Total	\$613,212	\$428,267	\$284,000

Indicate source and amount of funds if **other than** internal reallocation:

JCERT Funding

Attachment 4 Request Approval of a Master of Science in Polymer Chemistry (SECOND READING) - PSU

Universities may apply for approval of new academic programs following the guidelines in the Kansas Board of Regents Policy Manual. Pittsburg State University has submitted an application for approval of a Master of Science in Polymer Chemistry. The proposing academic unit has responded to all of the requirements of the program approval process. No institutions have programs utilizing this Classification of Instructional Program (CIP) code. A PDF of the full proposal is available at http://www.kansasregents.org/forms_documents

<u>Criteria</u>	Program Summary
1. Program Identification:	Master of Science in Polymer Chemistry CIP: 40.0507
2. Academic Unit:	Department of Chemistry/College of Arts and Sciences
3. Program Description:	This proposed program provides graduate students access to cutting- edge knowledge, research, and laboratory-based experience in the field of polymer chemistry. Students completing this program will be prepared for careers in high-tech polymers-based industies as well as laboratories in academic institutions, government, and private research settings. Further, this program prepares students for advanced academic study pursuing a doctorate in polymer science in major U.S. and world universities. The program was developed as a result of the Pittsburg State University (PSU) Polymer Initiative, which was supported by Governor Sam Brownback and the Kansas Legislature. An important aspect of this initiative is creating, offering, and awarding a Master of Science in Polymer Chemistry. This proposal received initial funding from the Legislature and Governor in FY13 and FY14, with the promise of a recurring \$1 million annually added to the University's base funding to support the Polymer Initiative.
4. Demand/Need for the Program	PSU is in a unique position to create and implement the Polymer Initiative due to the presence of the Kansas Polymer Research Center (KPRC) on our campus. Given the promising future of polymer science, the relevance of this field for the Kansas economy, the lack of other polymer science programs in the region, and the obvious unique link between PSU and KPRC, it makes sense for PSU to offer a graduate degree in polymer chemistry. KPRC has an established history taking the agricultural products of Kansas and turning them into polymers usable in industry. PSU has an established record providing high quality education in the areas of chemistry and plastics engineering. Joining and enhancing these units into a whole that is larger than the sum of its individual parts creates a valuable arrangement for our students, the region, and economic development in Kansas. The polymers and plastics industries are among the largest employers of

Background

	high tech, high value jobs for science majors. The U.S. Bureau of Labor Statistics predicts a 10% increase in employment opportunities for material scientists through 2020 with a median annual salary of \$69,790. Further, the Kansas Department of Labor employment projections claim jobs for people in plastics and rubber manufacturing to increase 12.6% and chemists to increase 4.5% by 2020. The median annual salary for these positions is \$57,080. The typical entry level degree requirements for jobs in these areas is the bachelor's degree but more and more Master of Science skills are expected as the science develops further. In fact, the American Chemical Society Division of Polymer Chemistry projects 60-70% of all chemists work with polymers at some point in their career. At present the burden for training workers to reach desired levels of skill and expertise often falls to polymer companies and new employees must learn on the job. Students with this training through coursework, laboratories, research experiences, and other hands-on education not only saves companies time and money, but also have an advantage in the job market. This proposed program provides industry the opportunity to grow and develop at a faster pace. Training students for these contemporary lucrative careers is significantly enhanced by offering a M.S. degree program in polymer chemistry joining the assets, laboratories, and scientists of KPRC with the resources and faculty available in the PSU Department of Chemistry and Plastics Engineering Technology program.
5. Comparative/Locational Advantage	There is no other degree program offered at a university in this region focusing specifically on polymer chemistry. Further, the presence of KPRC on the PSU campus provides exceptional resources when coupled with the academic assets in our Department of Chemistry and program in Plastics Engineering Technology. This combination creates a very unique and ripe environment for further expanding hands-on research experiences in a Master of Science degree program in polymer chemistry. If approved, this program will put PSU in a small group of higher education institutions across the country providing students with an academic background in this cutting edge, high tech, and contemporary discipline. Other institutions in the United States offering this type of program include the University of Massachusetts, Southern Mississippi University, University of Akron, and Case Western Reserve University.
6. Curriculum	The Master of Science in Polymer Chemistry is a 31 credit hour graduate degree program consisting of 9 hours of core polymer courses, an additional 10 credit hours of research work and colloquium and 12 credit hours of elective polymer courses selected in consultation with the academic advisor. All polymer science master's candidates will be required to complete and defend a research thesis.
7. Faculty Profile	Dr. Petar R. Dvornic (terminal degree) was hired as Chemistry Department Chair and will coordinate the program. In addition, Dr. Ram Gupta (terminal degree), Dr. Santimukul Santra (terminal degree),

	and Dr. Jeanne Norton (terminal degree) were hired to staff the new PSU Polymer Initiative and each will be primary and core faculty in the proposed Master of Science in Polymer Chemistry.
	Dr. Charles Neef (terminal degree) from the Chemistry Department as well as Mr. Bob Susnik and Mr. Paul Herring from the Plastics Engineering Program in the College of Technology will offer elective courses as support faculty. It is expected that various other faculty from the KPRC and the College of Arts and Sciences will provide foundational coursework as needed, including faculty from the departments of physics and biology.
	All core faculty have terminal degrees, post-doctoral experiences, and significant academic accomplishments (external funding, industry experience, publications, professional presentations, technical reports, etc.). Their vitae are available upon request.
	The four core faculty lines are new and cost \$395,000 (salary and benefits). Funding for the new lines comes from the \$1 million annual allocation from the Kansas Legislature for the PSU Polymer Initiative.
	In addition, the PSU Polymer Initiative budget provides three graduate assistants, at an annual cost of \$41,000, who will assist faculty with courses and oversee undergraduate student laboratory experiences.
8. Student Profile	Students entering this academic program and career field should prepare themselves with a strong undergraduate coursework in science, preferably in chemistry, chemical engineering, plastics technology, biology or physics. Students will be admitted to the polymer chemistry master's program if they meet the Pittsburg State University admission criteria. These students will have career interests in companies working with polymers for production and/or have a desire to pursue the next level of graduate education at one of the prominent polymer science Ph.D. programs in the United States or abroad.
9. Academic Support	All academic support at Pittsburg State University and the College of Arts and Sciences will be available for students and faculty in the polymer chemistry graduate program. Available support includes faculty development programs, initiatives offered through the Student Success Center (including the Writing Center), resources available via Axe Library, access to support for faculty and student travel, and internal grant funding opportunities. In addition, Pittsburg State University and the College of Arts and Sciences provide outstanding support for both hardware and software technology needs.
	Students will also have access to the equipment and expertise of scientists at the Kansas Polymer Research Center (KPRC) as well as equipment and lab space in both the Department of Chemistry and the Plastics Engineering Technology program in the College of Technology

	at Pittsburg State.
10. Facilities & Equipment	This proposed Master of Science in Polymer Chemistry has significant laboratory and equipment needs. These needs are met through existing facilities and equipment available at the KPRC, the Chemistry Department, the Plastics Engineering Program, as well as completed renovations to the Chemistry Department suite in Heckert-Wells Hall.
11. Program Review, Assessment, Accreditation	The Department of Chemistry at PSU is approved by the American Chemical Society (ACS). It will use existing ACS guidelines to oversee the proposed academic program in polymer chemistry. The Master of Science in Polymer Chemistry will also be reviewed according to the regular program review cycle and process at Pittsburg State University. Further, all degree programs at the University are required to submit an annual assessment report to the University Assessment Committee documenting progress towards meeting student learning outcomes.
12. Costs, Financing	Funding for this new academic program is included in the \$1 million recurring annual allocation provided by the Kansas State Legislature and Governor. These funds provide four new faculty lines (\$395,000 annually), start-up and equipment procurement (\$550,000 one-time expense), graduate assistants (\$41,000 annually), support staff (\$18,000 annually), and operations and acquisition of materials (\$530,000 annually).

CURRICULUM OUTLINE NEW DEGREE PROPOSALS Kansas Board of Regents

I.	Identify the new degree:	Master of Science in	Polymer Chemistry
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II. Provide courses required for each student in the major:

Course Name & Number	Credit Hours
Core Polymer Science Courses (9 hours)	
CHEM 730 Advanced Polymer Chemistry	3
CHEM 785 Physical Chemistry of Polymers	3
PET 883 Polymer Rheology and Processing	3
Polymer Core Research and Colloquium (10 hours)	
CHEM 890 Research and Thesis	6
CHEM 790 Advanced research in Polymer Chemistry	3
CHEM 801 Chemistry Colloquium	1

Electives (Select appropriate number of courses to fulfill the total credit requirement):	
CHEM 887 Advanced Biopolymers and Nanotechnology	3
CHEM 840 Advanced Polymers for Electrical and Electronic Applications	3
CHEM 850 Inorganic and Architecturally Unusual Polymers	3
CHEM 889 Intro to chemical research	3
PET 673 Advanced Injection Molding	3
PET 885 Advanced Polymer Composites	3
ETECH 888 Design of Experiments	3
Total credit requirement:	31 hours

IMPLEMENTATION YEAR FY 2015-2016

Fiscal Summary for Proposed Academic Programs

Institution: PITTSBURG STATE UNIVERSITY

Proposed Program: <u>Master of Science in Polymer Chemistry</u>

Part I. Anticipated Enrollment	Implementation Year		Year	r 2	Yea	r 3
	Full-Time	Part- Time	Full-Time	Part- Time	Full-Time	Part- Time
A. Full-time, Part- time Headcount:	3	0	8	0	12	0
B. Total SCH taken by all students in program	54		14	4	210	6
Part II. Program Cost Projection						
A. In <u>implementation</u> year one, list all identifiable General Use costs to the academic unit(s) and how they will be funded. In subsequent years, please include only the additional amount budgeted.						
	Implementation Year		Year	r 2	Yea	r 3
<u>Base Budget</u> Salaries	\$403,134		\$403,	134	\$403,	134
OOE	\$596,866		\$596,	866	\$596,	866
Total	\$1,000,000		\$1,000	,000	\$1,000	,000

Indicate source and amount of funds if other than internal reallocation:

Funding for the Master of Science in Polymer Chemistry is provided through the \$1 million targeted annual allocation from the Kansas Legislature for the Polymer Initiative at Pittsburg State University.

EMPORIA STATE U N I V E R S I T Y • Office of THE PROVOST

Campus Box 4045 1 Kellogg Circle Emporia, Kansas 66801-5415 620-341-5171 www.emporia.edu

July 18, 2014

TO: Gary Alexander

FROM: David P. Cordle Provost and Vice President for Academic Affairs

RE: MS Master Teacher Name Change

Emporia State University wishes to change the name of the Master of Science Master Teacher degree program to the Master of Science Instructional Specialist. We also request to change the names of the concentrations under the degree program from Reading Specialist to Reading Specialist PK-12 and from Subject Matter to Elementary Content. The title Instructional Specialist is a term many school districts use to describe teachers whose role is to assist and lead children and teachers in the elementary school setting. Many instructional specialist lack specialized training and have indicated they would be interested in more training to better prepare for their role (often in reading and math). The new titles will better represent current trends and the program content.

Please add this request to the COCAO agenda.



An Equal Opportunity Employer

The University of Kansas

Department of Psychology & Research in Education

April 21, 2014

Last Friday, April 18, 2014, our department voted overwhelmingly to change our department name from the Department of Psychology and Research in Education to the Department of Educational Psychology. Based on my reading of the procedures for making this change, there is some information that is needed from me. Here is what I think you need but let me know if you need more information.

Current Name and Abbreviation: Department of Psychology and Research in Education (PRE)

New Name and Abbreviation: Department of Educational Psychology (EP or EPSY)

Rationale for the Change:

- The current name was developed as a compromise when the Department of Counseling Psychology and the Department of Educational Psychology and Research merged as a result of an administrative directive in 1997.
- The current name is long and confusing to professionals and lay people alike.
- The current name is not descriptive of the programs that reside in the department.
- The modal name for departments that house School Psychology and Counseling Psychology that are accredited by the American Psychological Association (which both of our program are) is the Department of Psychology (there is already such a department on campus). The second most often used name is the Department of Educational Psychology. This change would put us in line with other departments that house similar programs
- Most educational research, statistics and measurement programs are also housed in departments that have educational psychology as their name.
- Students that are looking for our degree programs are often simply lucky to find the program they
 are looking for behind the PRE name. Most doctoral students will be looking for either the
 psychology department or the educational psychology department.
- The new department name differentiates our department from the Department of Psychology.

Linsterg **Rick Ginsberg** Dean School of Education

Counseling Psychology . Educational Psychology and Research . School Psychology Joseph R. Pearson Hall . 1122 West Campus Road, Room 621 . Lawrence, Kansas 66045-3101 (785) 864-3931 . Fax: (785) 864-3820 . www.soe.ku.edu



21 July 2014

Sara Rosen, Senior Vice Provost for Academic Affairs Office of the Provost University of Kansas

Dear Sara,

I request approval for the establishment of a School of Languages, Literatures, and Cultures (SLLC) as a unit within the College of Liberal Arts and Sciences. I request authorization to begin using the "school" designation immediately upon approval, with a formal inauguration of the "school" to be scheduled for the start of the Spring 2015 semester.

The University of Kansas has a tradition of excellence in foreign-language education dating to its nineteenth-century origins. During the post-World War II period, the National Defense Education Act and then Title VI invested significantly to foster the growth of departments for critical and strategic languages. KU benefited greatly. Language departments grew and collaborated; KU achieved four federally funded, interdisciplinary National Resource Centers for area studies (Africa; East Asia; Latin America and the Caribbean; and Russia, Eurasia, and Eastern Europe) in large part because of the depth and breadth of foreign-language, culture, and literary studies.

The new SLLC will make this strength more visible for current and future students as well as for external stakeholders seeking to benefit from KU's leadership in international and foreign-language education. The departments forming the SLLC will be divided into two groups: one, a core group with similar structure and mission will be situated *inside of* the SLLC; the other, units with differing

structures and missions will be *associated with* it (and have representation in it) for the purpose of visibility and promotion to external constituencies. The SLLC will form a single point of entry for external stakeholders.

Core

- East Asian Languages & Cultures
- French & Italian Languages and Literatures
- Germanic Languages & Literatures
- Slavic Languages & Literatures
- Spanish & Portuguese Languages and Literatures

Other

- African and African American Studies
- Classics
- Jewish Studies
- Linguistics
- (Less-commonly-taught-languages in areastudies programs)

The SLLC will maintain disciplinary and degree-program integrity while providing new administrative efficiencies through collaborative efforts. The school will report to a director, who in turn reports to the Office of the Dean of the College of Liberal Arts and Sciences. While the unique language departments will retain their academic chairs, their roles will be redefined so that the director and an associate director can coordinate the tasks that lend themselves to efficiency through collaboration. Most importantly, the director will oversee the various professional staff members and create new opportunities that will benefit all languages within the SLLC: student recruitment; publicity for double-major opportunities under the KU Core; outreach activities; internships to strengthen career-readiness; exploration of services that may generate revenues; shared course offerings where appropriate; grant applications from a variety of governmental and non-governmental agencies; and growth of intellectual community among faculty and students, to name only a few. External review and program review processes will be conducted for the SLLC as a unit coordinated by the director.

This structure emerged from a year-long task force. Member of the task force visited other AAU institutions (University of Florida, Ohio State University, University of Illinois) to collect "lessons learned" and develop a blue print for our goals. At present, the University of Wisconsin and Ohio State University have plans to create similar "schools." Approval of this request will demonstrate our continuing leadership as innovators. Language and culture—the ability to understand the point of view of others different from ourselves and to communicate with others—is the foundation for the University of Kansas strategic theme of "building communities, expanding opportunities." This is an ideal time to rethink organizational structures beyond the department; the proposed SLLC is one response to this opportunity.

The establishment of the SLLC will not require additional funds, change of degree names, or change of course acronyms. The redistribution of administrative responsibilities within the SLLC will create funds for the director and associate director positions. Hopefully, enrollment growth as a result of the SLLC will create new opportunities.

Many specific points can be made about the importance of and contributions from each language area within the SLLC. Collectively, they all address the trends toward globalization that began in the 1980s. These trends have accelerated. Today we live in a "small" and interconnected world. The SLLC understands this reality and speaks its languages, understands it literatures, and is fluent in its cultures; the SLLC creates new opportunities for students and faculty. With this new school, the University of Kansas will derive the greatest return on investments made for over a century.

I strongly endorse the creation of the School of Languages, Literatures, and Cultures and seek your approval to authorize its establishment.

Sincerely,

Danny J. Anderson

Danny J. Anderson Dean



4 August 2014

Sara Rosen, Senior Vice Provost for Academic Affairs Office of the Provost University of Kansas *Via email*

Dear Sara,

On behalf of the College of Liberal Arts & Sciences and the faculty in the Center for Bioinformatics, I am writing to request approval to change the name of the center and its degree programs.

	Current Name	Proposed New Name	Effective Date
Unit	Center for	Center for	Immediately upon
	Bioinformatics	Computational Biology	approval
Ph.D.	Bioinformatics	Computational Biology	Degrees conferred
degree			beginning Fall 2014
Course	BINF	BINF	No change requested
acronym			

The director of the Center for Bioinformatics has made a persuasive case for this change based on the following rationale:

- "Computational Biology" more precisely defines the research and teaching mission of the center and its degree program. The field of "Bioinformatics" is new and continues to evolve. The field currently includes (1) computational modeling in molecular biology, and (2) a range of computer applications for biological, medical, behavioral, and health data, such as the analysis of health outcomes and patient billing. Faculty in the center have expertise in the modeling of biological macromolecules and computational molecular systems biology. The name "Computational Biology" more precisely defines the field in which the faculty work.
- "Computational Biology" will better place the center and program on the map within the scientific community. The center's goal is to build its presence as a hub of national and international activities in computational life sciences and to serve as a focal point for related local and regional research and teaching. This change of name will make it easier for the center to be recognized and advance in standing among the select group of top centers in "Computational Biology."
- "Computational Biology" will benefit students graduating with this program name on their transcript and diploma because of the precision it brings to describing their field.
- The name "Computational Biology" will, with the precision and recognition that it brings, improve the ability to recruit top graduate students and outstanding faculty. The center appointed its first faculty in FY 20016 and in Fall 2014 will have a total of 6 faculty

members; their total research expenditures have increased from \$69K in FY 2006 to \$658K in FY 2012 (last year for available data). The Ph.D. program began with 14 students in Fall 2009 and has maintained a relatively constant level, with 6 Ph.D.s award by Spring 2013 (last year for available data).

- A sampling of aspirational peer units with "computational biology" in their names includes:
 - o Department of Computational and Systems Biology, U of Pittsburgh
 - o Molecular Biophysics Program, Baylor College of Medicine
 - o Center for Computational Molecular Biology, Brown U
 - Tri-Institutional Computational Biology Program, Weill Cornell Medical College, Memorial Sloan-Kettering Cancer Center, and Cornell U
 - o Computational and Systems Biology Program, M.I.T.
 - o Computational Biology Program, N.Y.U.
 - o Quantitative and Computational Biology Program, Princeton U
 - Center for Biophysics and Computational Biology, U of Illinois
 - o Genomics and Computational Biology Program, U of Pennsylvania
 - o Computational and Systems Biology Program, Washington U-St. Louis

Center director Ilya Vakser requested the change of name to "Computational Biology." He bases his request on a unanimous vote among faculty in the center. Professor Vakser also collected opinions from stakeholder units at the University of Kansas and received no objections to this change, only feedback supporting this action. The units consulted include the following departments in the College: Molecular Biosciences; Chemistry; Physics and Astronomy; Mathematics; Ecology and Evolutionary Biology; the School of Pharmacy, with its departments of Pharmaceutical Chemistry, Medicinal Chemistry, and Pharmacology; the School of Engineering, with its departments of Electrical Engineering and Computer Science, Chemical and Petroleum Engineering, and its Bioengineering program; and KU Medical Center's Biostatistics program.

I strongly endorse the new name "Computational Biology" and seek your approval to authorize this change.

Sincerely,

Danny J. Anderson

Danny J. Anderson Dean



August 8, 2014

- To: Gary Alexander Vice President for Academic Affairs Kansas Board of Regents
- From: Rick Muma Associate Vice President for Academic Affairs

Re: Bioengineering – Degree Name Change and Department Creation

This is a request by the College of Engineering to change the name of the bioengineering program to biomedical engineering and to establish a Department of Biomedical Engineering to house the biomedical engineering degree program. The bioengineering program is currently housed in an interdisciplinary department within the College of Engineering. Please place on the next available COCAO agenda. In advance of this memo we have made the request in program inventory.

Current

Department Name:	Interdisciplinary
Program Name:	Bioengineering

Proposed

Department Name:	Biomedical Engineering
Program Name:	Biomedical Engineering

Rationale

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The College of Engineering conducted a review of the bioengineering program in the fall 2013 semester using an external consultant. Out of that review, the faculty in the College of Engineering concluded establishing a new department of biomedical engineering and the change in program name to biomedical engineering more closely aligns with the focus of the curriculum of the current program, the expertise of the primary faculty that support the program, and the collaborative research efforts of the faculty with the medical community. Additionally, as the program enrollment has grown to more than 150 students, the need to increase faculty size greater than the four tenure-track faculty exists. Department status will assist the College in attracting quality faculty rather than needing approval from other engineering departments for appointment status. Likewise, current program faculty were recruited specifically to support the bioengineering program, thus their tenure and promotion should be in a department that houses the program they were recruited to support, rather than in other departments where their appointments currently reside. No new resources are being requested to make the proposed changes.

If you require further information, please contact me at the telephone number below or email me at <u>richard.muma@wichita.edu</u>.

To:Chris CrawfordFrom:Gavin BuffingtonDate:26 August 2014RE:CSISE KBOR Proposal

Fort Hays State University (FHSU) proposes an organizational restructuring that will form a new department from two existing programs. We propose that the new department be named Computer Science and Information Systems Engineering (CSISE) in the College of Arts and Sciences. As the name suggests, the Computer Science (CS) program, which is currently part of the Department of Mathematics and Computer Science, will be combined with the Information Systems Engineering (ISE) program that is currently part of the Department of Informatics. The Computer Science and Information Systems Engineering program numbers follow.

1109999 – Computer Science
11099998 – Computer Science (Business emphasis)
11099996 – Computer Science (Geosciences emphasis)
1109999M – Computer Science (Mathematics emphasis)
1109999N – Computer Science (Networking emphasis)
1109999P – Computer Science (Physics emphasis)
1109999T – Computer Science (Technology Studies emphasis)
4071512 - Information Systems Engineering

The FHSU Computer Science program is a well-established and productive program that offers a Bachelor of Science in Computer Science that is composed of a common computer science core and a choice of six distinct emphasis tracks. These emphases include: business, mathematics, geographic information systems, physics, technology, and networking. The broad variety of emphasis options enables the computer science student to specialize their degree program for entry into one of the diverse career possibilities that exist. The current Department of Mathematics and Computer Science has two faculty members who are devoted to the curricular offerings of the CS program.

The FHSU Information Systems Engineering is a new interdisciplinary degree program that is, like most engineering programs, grounded in mathematics and science (physics). This foundation knowledge is expanded upon with course work from computer science, information networking and newly developed ISE coursework. The ISE program currently has students enrolled in its junior level course offerings. The ISE program consists of two faculty members that develop and offer the ISE specific coursework. Additional faculty resources come from Informatics, Physics, Mathematics and Computer Science.

Informal discussions between faculty and administrators at FHSU revealed that an opportunity to harness the human synergy that could be generated by giving the Computer Science and Information Systems Engineering a departmental home. The CS and ISE program share a common ground in coursework and, though difficult to quantify, the shared outlook of professionals in these fields toward organizing knowledge and solving problems. The fusion of this faculty within a single departmental home will provide a natural environment for inter-faculty collaboration on curricular considerations and scholarship. More importantly, this action will provide an environment for the students of CS and ISE to interact and collaborate in academics and scholarship. These informal discussions became formal as internal proposals and planning progressed, under the leadership of former president Hammond. This new department will be housed in the recently completed Center for Networked Learning building.

External accreditation is an additional consideration in housing the CS and ISE program within a single department. The Accreditation Board for Engineering and Technology (ABET) is the accrediting body for engineering programs in the United States. ABET, through its Computing Accreditation Commission (CAC) accredits Computer Science programs as well. Both CS and ISE will be seeking ABET accreditation. The accreditation process will be further enabled by the combined efforts of the faculty in the Department of Computer Science and Information Systems Engineering. ABET accreditation adds value to accredited programs. The initial and ongoing accreditation activities provide program quality assurance as well as a systematic and deliberate process of continuous quality improvement. The advantage of creating this department with respect to accreditation is twofold. The first, and most important, has to do with people. Having Computer Science and Information Systems Engineering faculty operate together in the close working environment of a department, sharing ideas, collaborating on curriculum and scholarship will promote the high quality demanded by ABET for accreditation. This departmental organization will also provide a 'departmental home' for the students in each of these programs. The common curriculum required by CS and ISE students and close working environment will encourage collaborative learning and research. Simply put, the faculty in the CSISE department along with the supporting faculty from mathematics and the sciences will deliver a breadth and depth of expertise. The second advantage to the accreditation process from the creation of this reorganization has to do with physical facilities. There is considerable overlap in the equipment and laboratory needs of the two programs. Having the physical facilities managed out of a single departmental administration will create efficiency in usage, maintenance, and upgrades.

A nationwide search process is underway to hire a chairperson for the CSISE department. An individual is sought who can bring leadership, professional knowledge, accreditation experience and a strong ability to work and communicate with internal and external stake holders. We are excited about the future possibilities of this new department.