Approved: 3.6.09

MINUTES OF THE HOUSE EDUCATION COMMITTEE

The meeting was called to order by Acting Chairman Melvin Neufeld at 9:00 a.m. on February 26, 2009, in Room 711 of the Docking State Office Building.

All members were present except:

Representative Don Hill- excused Representative Bill Otto- excused Representative Valdenia Winn- excused

Committee staff present:

Sharon Wenger, Kansas Legislative Research Department Dale Dennis, Kansas State Department of Education Janet Henning, Committee Assistant

Conferees appearing before the committee:

Dr. Edward Hammond, President, Fort Hays State University Ron Keller, Director, Kansas Academy of Math and Science Tyler Clark, KAMS applicant and sophomore student, St. John, Kansas Rabbi Michael and Kay Davis, parents, Wichita, Kansas (written testimony)

Chairman Aurand told Committee members he was trying to schedule various committee members to "Chair" the Education Committee similar to the "Committee of the Whole" in the House chambers. Chairman Aurand stated if any committee member is interested in chairing the committee, Chairman Aurand should be contacted. He stated this would be done on a seniority basis, beginning with Representative Melvin Neufeld.

Update of Kansas Academy of Math and Science

Dr. Edward Hammond, President, Fort Hays State University, spoke briefly to Committee members about the Kansas Academy of Math and Science (KAMS) program. Dr. Hammond then introduced Ron Keller, Director of the Kansas Academy of Math and Science.

Ron Keller gave an overview of the KAMS program to Committee members. Mr. Keller advised this is a premier academic early-entry-to-college program for academically talented and motivated high school students. Committee members were told the students spend their 11th and 12th grade years in a residential academy on the Fort Hays State University college campus and take an advanced curriculum in which they will also earn 68 hours of college credit. Mr. Keller stated the course work is heavy in mathematics and science - biology, chemistry, physics, mathematics, and computer science. Mr. Keller told Committee members that the students who will attend the Academy and participate in key research endeavors are the answer to what is needed as a state to ensure that Kansas can keep its new leaders in their important fields within the state and will have a positive impact on the state's future economy. (Attachment 1)

Tyler Clark, KAMS applicant and sophomore student, St. John, spoke to Committee members as a proponent of Kansas Academy of Math and Science (KAMS). Mr. Clark told Committee members that the high school he attends, a 1A school, does not offer advanced placement classes and only one dual credit course. He told Committee members he had applied to KAMS as he felt this would help him achieve his long term goals through a variety of learning experiences and peer interaction. (Attachment 2)

Rabbi Michael and Kay Davis, parents of a KAMS applicant, gave written testimony as a proponent of the Kansas Academy of Math and Science program. (Attachment 3)

Dr. Hammond gave an overview of the 'KAMS Lite' budget cutting process. Committee members were told that because of the economic situation, cost reductions had been made in staffing, general equipment purchases, staff travel and training, and development of alternative program options. Dr. Hammond told Committee members the Legislature had previously pre-approved \$713,000 for the KAMS program, however, with the budget reductions, they would be able to operate the KAMS program for approximately \$350,000.00. The number of KAMS students would be reduced from 40 to 30. (Attachment 4)

A question and answer session followed the presentations.

The next meeting is scheduled for March 3, 2009. The meeting was adjourned at 10:00 a.m.

HOUSE EDUCATION COMMITTEE

KANSAS ACADEMY OF MATHEMATICS AND SCIENCE

Presented by Ron Keller

February 26, 2009

Thank you for allowing me to speak in support of the Kansas Academy of Mathematics and Science. My name is Ron Keller and I am the director of the Academy.

The Academy staff, applicants, parents and KAMS supporters want to thank you for the funding provided for the Academy for the 2009 fiscal year. I would ask for your support of the funding for the 2010 fiscal year and continued funding for future years of this program.

As I have stated before, our applicants come from a wide spectrum of schools and backgrounds. These students are thrilled about the Academy and what it has to offer them educationally. Many have or will have, as sophomores, completed all that their respective schools have to offer in course work in the areas of mathematics and science. They have a burning desire to complete the suggested curriculum and are very excited about the potential for research. It is easy to see that these students have the potential to become some of our state's leaders in the bio-sciences, in biology, in chemistry, in physics, as science and mathematics instructors, in medicine, etc. These best and brightest of our state's students have been searching and waiting for something like the Academy to happen so that they can more readily reach their full potential.

House Educat	tion Committee
Date 2 -3	
Attachment #	

I truly believe that the Kansas Academy of Mathematics and Science is the premier academic opportunity for our state's best and brightest and that given the opportunity these students who attend the Academy and participate in key research endeavors are the answer to what we need as a state to ensure that Kansas can keep its new leaders in their important fields within the state and they will have a positive impact on the state's future economy.

In my PowerPoint and information distributed, I would like to give you a brief history and outline of the Kansas Academy of Mathematics and Science.

I would be pleased to answer any questions you may have now or in the future.

Thank you,

Ron Keller

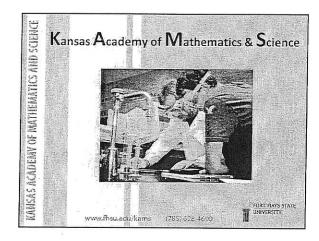
Fort Hays State University

600 Park Street Hays, KS 67601

Office (785) 258-4690

Direct (785) 628-5973

Email: rgkeller@fhsu.edu



KANSAS ACADEBIY OF MATHEMATICS AND SCIENCE

Overview: What is KAMS?

- Kansas' premier academic early-entry-to-college program for academically talented & motivated high school students
- An excellent educational opportunity for students who will go on to become professionals in science, technology, engineering and mathematics.
- Focused on academics, research, leadership
- development and civic engagement
- Students spend their 11th & 12th grade years in a residential academy on the Fort Hays State University college campus, taking an advanced curriculum in which they will also earn 68 hours of college credit
- Coursework is heavy in mathematics and science—biology, chemistry, physics, mathematics, and computer science

www.fhstredu/karns (785) 678-4690

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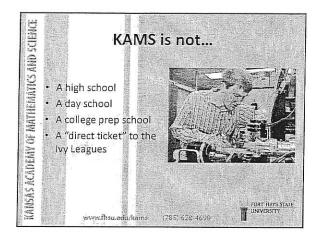
KANSAS ACADEMY OF MATHEMATICS AND SCIENCE

- Established by Kansas State Legislature to:
 - Promote mathematics and science education
 - Increase retention of intellectual capital
 - Promote economic development
- KAMS Recruiting...
- Fall 2009: 30 juniors from Kansas public schools
- Fall 2010: Second year class, plus returning seniors



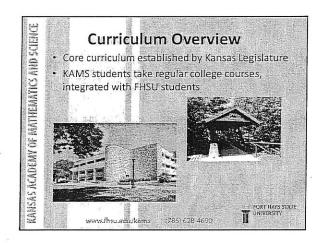
www.fhsu.edu/koms (785) 628-4690

FORT HAYS STATE UNIVERSITY



Brief history... 2000 Drs. Don Norwood and Jerry Magliano (Lenexa) began laying the foundation for legislative support of KAMS 2006 Kansas Legislature established KAMS (SB 139) 2007 Kansas Board of Regents charged with selecting host site FHSU selected 2008 Kansas Legislature approves 5-year funding FHSU KAMS Core Team develops initial plans and detailed plans for August 2009 start-up FORT RAYS STATE WWW.fhsu.edu/kans (785) 678-4693

CENCE	Core Values	
CADEAY OF MATHEMATICS AND S	Excellence Live and work to the best of your ability Engagement Participate fully in your scholarship and community Ethics Build a life of integrity A KAMS student is excellent.	
KANSAS ACADEAV	engaged and ethical www.fisu.edu/kums (785) 618-4698	FORT HAYS STATE UNIVERSITY

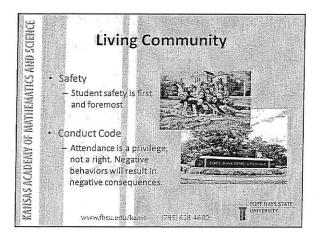


Spring Semester: - Calculus I
ib
- University Chemistry II &
– English Composition II
– US History after 1877
– Colloquia
16 Credit Hours

all Semester:	Spring Semester:
- Calculus II	- American Government
- Principles of Biology	— Computer Science Choice
- Physics for Scientists &	- Physics for Scientists &
Engineers I	Engineers II
- Fundamentals of Oral	— Issues in Leadership:
Communication	Seven Revolutions
— Departmental Research &	- Departmental Research &
Writing	Writing
— Colloquia	— Colloquia
18 Credit Hours	17 Credit Hours



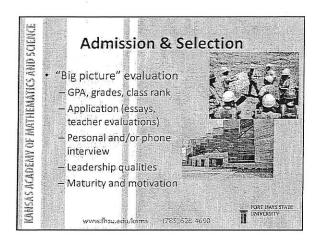


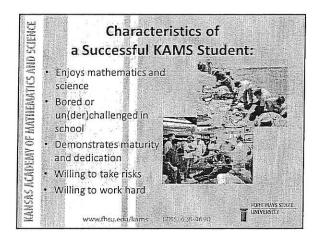


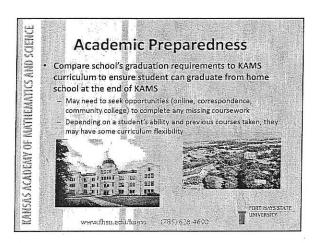
Student Life... Currently available: KAMS-specificclubs and activities such as: student government and prom Membership in FHSU clubs and organizations Recreational and cultural events on campus such as: intramurals and fine arts series. Specialized programming by KAMS staff Business and industry presentations on campus. Business and industry field trips

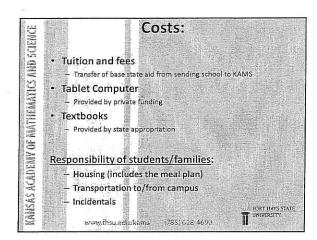
SURICE	Student Engageme	nt
MATHEMATICS AND	• Service-learning components in selected classes	
3	Opportunities/Expectation to volunteer (KAMS and community wide)	
KANSAS ACADEMY	• Leadership development www.fhs.Ledu/kams 1785/678-4690	FORT HAYS STATE UNIVERSITY

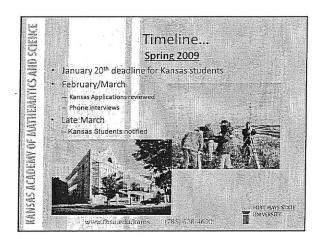
	Advising
	The KAMS staff will:
September 1	— Coordinate transfer of records with each sending school
NAME OF	- Establish academic agreements with each sending school
STATE OF THE PARTY.	 Ensure that state assessments are conducted and scores submitted to each sending school
Sparing.	— Register students for classes
SAME.	Actively monitor student progress/performance
	Assist students with college application process
	Assist students with test registration such as PSAT, ACT,
40000	etc.
No.	FEORT HAYS STAT
	www.fhsu.edu/karns (785) 628-4690

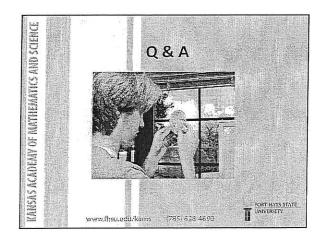












ENCE	For additiona	I information:	
AND SCI	Website:	Phone:	
	– www.fhsu.edu/kams	– General Office:	
MAL		- (785) 628-4690	
OF MATHEMATIC	Email:	– Ron Keller:	
	– kams@fhsu.edu	- (785) 628-5973	
		Address:	
3	Blog:	– 600 Park Street	
SACADEMY	– fhsukams.wordpress.d	Hays, KS 67601	
KANSA		FORT HAYS STATE DINIVERSITY	

Breakdown by City

City Augusta Basehor Bel Aire Everest Fort Scott Great Bend Hays Holcomb

Kansas City Kingman Lansing Liberal

Hutchinson

Meriden Mt. Hope Olathe

Overland Park Paola Parsons

Pratt Salina Silver Lake

St. John Topeka

Towanda Wellington Wichita 8

Wilson

Breakdown by legislative district

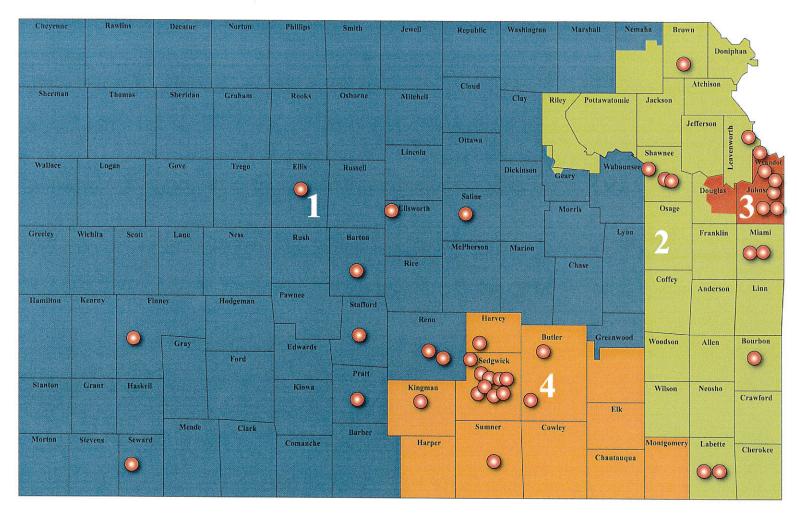
District 1	11	27.5%
District 2	11	27.5%
District 3	5	12.5%
District 4	13	32.5%

Breakdown by gender

21 female

19 male

2009 KAMS APPLICANTS



	Name	M/F	City	LD	School
1	Beaugh, Kaleb	M	Salina	LLD	
_	Berckefeldt, Lizzie	F	Paola		1 Ell Saline High
_	Bottoms, Shelby				2 Paola High
_	Brewer, Elliot	F	Overland Park		3 Blue Valley NW High
		M	Parsons		2 Parsons High
-	Budy, Leo	M	Basehor		2 St. James Academy
_	Clare, Emilie	F	Wichita		4 Derby High
	Clark, Tyler	M	St. John		1 St. John High
-	Cook, Isaac	M	Olathe		3 Olathe South High
_	Cuestas, Rod	M	Wichita		4 Maize High
\rightarrow	Darden, Alexandria	F	Lansing		2 Lansing High
1	Daubendiek, Jessica	F	Wichita		4 NE Magnet
2	Davis, Ben	M	Wichita		4 NE Magnet
.3	Davis, Bryant	M	Wilson		1 Wilson High
4	Garnett, Abbey	F	Augusta		4 Rose Hill High
5	Gooding, Seth	М	Mt. Hope		1 Haven High
\neg	Greb-Bonham, Alexis	F	Wellington		4 Wellington High
7 1	Herman, Amanda	F	Wichita		4 Northwest High
-	Hersh, Whitney	F	Topeka		2 Seaman High
_	ack, Alexander	M	Parsons		2 Parsons High
+	Kirk, Kassandra	F	Hutchinson		
+	Koranda, Kaycee	F			1 Burrton High
_	aunchbaugh, Carson		Towanda		4 Circle High
_	Martin, Jaeton	M	Pratt		1 Pratt High
+		M	Silver Lake		2 Silver Lake Jr/Sr High
_	AcGuire, Audrey	F	Kansas City		3 Turner High
-	Miller, Rebekah	F	Bel Aire		4 NE Magnet
_	Norris, William	M	Kingman		4 Kingman High
+	owell, Mackenzie	F	Wichita		4 Southeast High
R	eal, Samuel	M	Meriden		2 Jefferson West High
R	eed, Bailey	F	Paola		2 Paola High
R	ezac, Kari	F	Wichita		4 Maize High
R	obertson II, William	М	Liberal		1 Liberal High
Sa	avage, Eddie	M	Holcomb		1 Holcomb High
Sc	chmidt, Kathryn	F	Hutchinson		1 Maur Hill Mount Academy
Se	ellers, Christian	F	Fort Scott		2 Fort Scott High
Sr	pickler, Bailey	F	Overland Park		Shawnee Mission East High
_	pitz, Tyler	м	Olathe		Frontier Trail Jr/Sr High
-	acey, Erica	F	Great Bend		Great Bend High
	inner, Mersadez	F	Hays		
	anSwol, Nicholas				Hays High
	eatherby, Zachary	M	Everest		Hiawatha High
		M	Wichita		Campus High
	Students		Legislative District	#	Percentage
_	female		District 1	11	27.
19	male		District 2	11	27.
			District 3	1	

HOUSE EDUCATION COMMITTEE

TESTIMONY IN SUPPORT OF THE KANSAS ACADEMY OF MATHEMATICS AND SCIENCE AT FHSU

Presented by Tyler Clark, KAMS Applicant

Thursday, February 26th, 2009

Thank you, Mr. Chairman and committee members, for allowing me to speak in support of the Kansas Academy of Mathematics and Science. My name is Tyler Clark. Raised in a small town in Kansas I feel an indescribable pride in our state. I personally want to thank all of you for agreeing to fund the Kansas Academy of Mathematics and Science in 2009. This opportunity I believe will allow Kansans to venture into the forefront of academic accomplishment and achievement.

I am a sophomore and attend St. John High School. Due to scheduling issues our 1A school does not offer advanced placement and only one dual credit course. I have applied to attend the KAMS Academy. In our current economic recession I feel a mandate is necessary for an investment into education in Kansas. I truly believe that the KAMS Academy will bring together a group of individuals with similar interests and place them in an environment in which they can work together towards common goals using the principles of 21st century learning. These goals would not only benefit Kansas but our country and world.

I feel as though the KAMS Program would help me achieve my long term goals through a variety of hands on learning experiences and peer interaction. I have high aspirations of one day going into the field of political science. The current energy crisis is one of the major problems our nation faces. I feel that the KAMS program will teach me the valuable knowledge needed to combat this issue. I know that the rigorous coursework in each of the science branches along with the concepts that mathematics has to offer that I could come to better understand the world and find a way to help our nation.

The KAMS Academy will give students the opportunity to interact with other students in an effort to compose solutions to problems that affect not only our state, but our nation and world. Through these experiences we would be able to mobilize a group of individuals in an effort to achieve the common good. The struggles that we face cannot be solved by just one person but will require the efforts of groups of individuals.

Students at the KAMS Academy will use principles of civil and ethical integrity to solve problems and interact with other citizens. It is our responsibility to preserve life, so that future generations can live at peace with one another in a world that accepts and embraces cultural differences.

I believe wholeheartedly that the KAMS Academy will be a monumental success for our state. I take pride in the knowledge that our state has established such a program for the benefit of youth. The individuals who partake in this program will be very fortunate. This program will help keep Kansas growing. I know that individuals will be inclined to remain in the state where such great opportunities exist.

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I believe that the KAMS academy would not only help students in the fields of science and mathematics crucial to understanding the natural dilemma, but also give them experiences with a group of individuals with whom they could work along side in an effort to achieve common goals. I believe that it is time for Kansas to entrust its citizens with the knowledge to better our world. As a student having come to realize the struggles in our economy I feel as though it is important for all of us to reaffirm our trust in our nation. I believe that the KAMS Academy is a program that we should entrust our full confidence. Science, mathematics, and technology will in my opinion, provide the next monumental discoveries in history. These studies will be essential to solving our various environmental and even social problems. Studies in these fields must be stressed through to the next generation so that we may preserve the Earth for future generations. I ask you to please give support to this wonderful program for funding for the 2009-2010 year and continue funding this program so that others can experience this wonderful opportunity. This program is truly the opportunity of a lifetime. Let's take advantage of what Kansas has to offer.

I would be pleased to answer any questions you may have now or in the future. Thank you.

Tyler Clark
112 N. Broadway
St. John, Kansas 67576
(620) 549-6358
clarks112@embarqmail.com

HOUSE EDUCATION COMMITTEE TESTIMONY IN SUPPORT OF THE KANSAS ACADEMY OF MATHEMATICS AND SCIENCE AT FHSU Presented by Rabbi Michael and Kay Davis, Parents of Ben Davis, a KAMS Applicant Thursday, February 26th, 2009

Thank you, Mr. Chairman and committee members, for allowing us to express our support of the Kansas Academy of Mathematics and Science. We are Rabbi Michael and Kay Davis, parents of Ben Davis, an applicant to the Academy. Ever since first hearing about the possibility of KAMS, we have been excited not only for our own son, but also for the opportunity it offers to other Kansas students as well as the standing it would give our State in national academia. We are so grateful to you for agreeing to fund the Kansas Academy of Mathematics and Science in 2009.

Our son, Ben, is a sophomore attending North East Magnet High School in Wichita. Having almost reached the limit of our school system's math and science curriculum, without KAMS our son will need to try to enroll in Wichita State University for some of his classes. This would mean that, if accepted at WSU, part of the day he would be with contemporaries in his high school and part of the day he would be thrown into a college setting at age 16.

If, however, he has KAMS in which he can participate, Ben will have the opportunity to receive an excellent appropriate-level education while being with peers not only in age, but also in interest.

Our son is a very capable young man. To be able to work with the science faculty at FHSU is a tremendous opportunity. From the research we have done into KAMS as well as discussing the KAMS model with representatives of some of the best in-state and out-of-state universities, it is our conclusion that the KAMS experience would be welcomed by whatever university he might attend and would give our son a marvelous boost to pursue his goal of a career in engineering.

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For our son, for the other students and for the state of Kansas, KAMS is a win-win-win proposal. Please invest in Kansas' future and the future of our nation. Please make KAMS part of our long-range plans for Kansas.

Thank you.

If we can be of further assistance in your consideration, please don't hesitate to call upon us.

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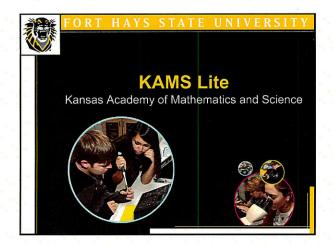
Rabbi Michael A. & Kay Davis

7430 Plaza Ln

Wichita KS 67206

316.683.5956

r-mad@cox.net



"This is a once in a lifetime opportunity to be part of a "pioneer" class, and I am hopeful that my daughter (Bailey) will qualify and be accepted as part of this phenomenal educational experience." -Peggy Reed (Paola)

	FORT HAYS STATE UNIVERSITY
## / ## / ## / ## / ## / ## / ## / ##	"Upon learning of your program, Jaeton became very excited. I haven't seen him that excited about school in a long time."
E1 -2	-Gary and June Martin (Silver Lake)

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FORT HAYS STATE UNIVERSITY

"Whitney wants to make a difference in the future and make the world a better place. She will be a future leader for the state of Kansas and the country, and KAMS can help her on that journey."

- Lonna Hersh (Topeka)



FORT HAYS STATE UNIVERSITY

"KAMS will help me reach my long-term goals by allowing me to reach my full potential with no obstacles slowing me down. I think I will benefit from KAMS by being in a supportive environment full of likeminded peers to help me further my education with no boundaries."

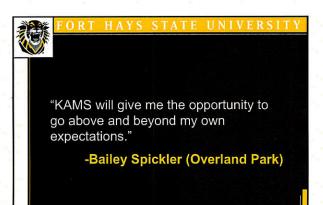
-Seth Gooding (Mt. Hope)



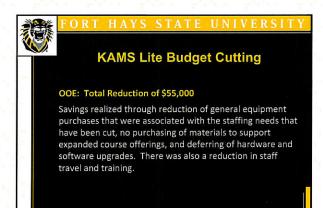
FORT HAYS STATE UNIVERSITY

"Being accepted to KAMS is all that I want right now. This would help me out more than anyone could imagine possible. KAMS is my life saver."

-Amanda Herman (Wichita)



KAMS Lite Budget Cutting Staffing: Total Reduction of \$216,000 Savings realized through not hiring two faculty positions, academic counselor, and psychologist. Services are being provided through reassignment of duties of core KAMS staff and increased use of university resources and personnel.





FORT HAYS STATE UNIVERSITY

KAMS Lite Budget Cutting

Activities Fund: Total Reduction of \$29,000

Savings realized by development of alternative program options through the FHSU Science and Mathematics Institute; e.g. Science Cafe speaker series.

There is an overall reduction in travel by students for field trips, university visits, and conference travel.



FORT HAYS STATE UNIVERSITY

KAMS Lite Budget Cutting

Staffing: Total Reduction of \$216,000
Activities Fund: Total Reduction of \$29,000
OOE: Total Reduction of \$55,000

TOTAL Reductions = \$300,000



FORT HAYS STATE UNIVERSITY

KAMS Lite Budget Cutting

Pre-Approved KAMS Appropriations- \$713,000

- Budget Reductions- \$300,000

TOTAL KAMS BUDGET= \$413,000

Requesting KAMS Appropriations \$350,000

Private Support \$63,000

4-4



4-5