

MINUTES OF THE HOUSE APPROPRIATIONS COMMITTEE

The meeting was called to order by Chairman Rhoades called the meeting to order at 9:08 a.m. on April 28, 2011, in Room 346-S of the Capitol.

All members were present except:
Representative Donohoe - excused

Committee staff present:
Jim Wilson, Office of the Revisor of Statutes
Nobuko Folmsbee, Office of the Revisor of Statutes
Alan Conroy, Kansas Legislative Research Department
J.G. Scott, Kansas Legislative Research Department
Jarod Waltner, Kansas Legislative Research Department
Shirley Morrow, Kansas Legislative Research Department
Cindy O'Neal, Administrative Assistant, Appropriations Committee
Kathy Holscher, Committee Assistant, Appropriations Committee

Others attending:
See attached list

Conferees:
Mark Schreiber, Westar Energy
Jim Maag, Spirit AeroSystems
Ron Gaches, Kansas Society of Professional Engineers

Chairman Rhoades welcomed committee members and reviewed the meeting agenda.

Senate Substitute for HB 2149: University engineering initiative act

Mark Schreiber presented testimony on behalf of Westar Energy as a proponent of **Senate Substitute for HB 2149 (Attachment 1)**.

Jim Maag presented testimony on behalf of Spirit AeroSystems as a proponent of **Senate Substitute for HB 2149 (Attachment 2)**.

Ron Gaches, Executive Director, Kansas Society of Professional Engineers, presented testimony as a proponent of **Senate Substitute for HB 2149 (Attachment 3)**, and responded to questions from committee members. He stated that the engineering schools are at or near capacity for the past several years, and he reviewed the Project Lead the Way, which is an industry initiated program on pre-engineering courses for middle schools and high school students. Mr. Gaches stated with the expansion of the engineering schools the state will receive the best return available on its investments. He discussed out-of-state recruitment efforts and emphasized the importance of meeting the needs of this industry as well as oversight to ensure strong and vibrant programs. It was noted that expanded lottery act revenues fund (ELARF) provides the funding source for this bill.

Committee members requested a list of programs with dedicated funding sources from the Board of Regents.

Stuart Bell, Dean, University of Kansas Engineering School, responded to questions from committee members regarding foreign compared to American student graduates. He noted that the market for undergraduate students in engineering is high and offers so many opportunities, which presents a concern for American students that are not pursuing advanced degrees and foreign students who have received advanced degrees.

Chairman Rhoades stated that written testimony in support of **Senate Substitute for HB 2149** has been distributed to committee members, which included the American Council of Engineering Companies (**Attachment 4**), Cessna (**Attachment 5**), Lawrence Chamber of Commerce (**Attachment 6**), OneOk (**Attachment 7**), Kansas Good Roads, Inc. (**Attachment 8**), Economic Progress Council (**Attachment 9**), Hutton Construction (**Attachment 10**), and Lawrence Chamber of Commerce (**Attachment 11**).

CONTINUATION SHEET


Minutes of the House Appropriations Committee at 9:08 a.m. on April 28, 2011, in Room 346-S of the Capitol.

Chairman Rhoades stated that recruitment statistics from the Ft. Hays Pipeline Program, will be provided to committee members, as requested.

The hearing was closed on **Senate Substitute for HB 2149.**

Dr. Ralph Richardson, Dean, College of Veterinary Medicine – Kansas State University, presented information on Veterinary Education, as previously requested by committee members (Attachment 12), and responded to questions from committee members. He stated that the universities are experiencing a decreasing number for enrollment from high school graduates and he reviewed the recruitment process. Dr. Richardson noted that the budget is approximately \$61 million, which is equally divided by tuition, grants, state revenue, estate gifts and state funding. This program has exceeded expectation through two site accreditation visits, and currently a planning process is underway with input from faculty, staff and students, companies, federal laboratories and practicing veterinarians on a shared long-range vision of where we need to be in order to develop a road map to meet expected demands, he added.

Meeting adjourned at 10:07 a.m.


Marc Rhoades, Chairman

APPROPRIATIONS COMMITTEE GUEST LIST

DATE: 4-28-11

NAME	REPRESENTING
Ron Mealy	Kentucky + Assoc.
Hank Boone	LAWRENCE CHAMBER
Todd Power	FHSU
Jim Miller	Spirit AeroSystems
Senators Gregory	St Rep Dist 10
Stallard	Ks Jr
Mark Schroeder	Westar Energy
Leigh Keck	Capital Strategies
Sue PETERSON	K- State
Tyla Gantz	ESU
Kent Eckles	KS Chamber
Becky Brewer	Resource Center for Independ. Living
Nancy Bryant	SOS
Kimberly Fauler	Judicial
Stephanie Butler	"
Ron Seebach	KGFA
KS Wilson	KOSE



MARK A. SCHREIBER
Director, Public Affairs

**Written Testimony of Mark Schreiber
Westar Energy
On Senate Substitute HB 2149
Before the House Appropriations Committee
April 27, 2011**

The electric utility industry currently faces many challenges from an aging workforce, multiple new environmental control regulations, and a need to update and expand our transmission system. Engineers will be needed to overcome these challenges and form a 21st century utility. Approximately 10% of our workforce is composed of engineers, many of whom are graduates of our engineering universities, Wichita State University, the University of Kansas and Kansas State University. We like to hire graduates from these institutions because they understand the culture of Kansas.

Every year, we offer internships to about 20 engineering students in the hope we can attract them when they begin looking for a job after graduation. Our engineers can work in a variety of areas: plant operations and support, transmission, substations, emission controls and software. Kansas engineering graduates are important to our success.

Westar Energy has embarked on the largest capital expenditure program in its history. We plan to build new transmission from western Kansas to the Wichita area. Our power plants need to be retrofitted to meet new environmental regulations over the next five years. And on top of all this, over 50% of our workforce is 50 years or older, and many of them have 20 years or more experience at Westar.

Senate Sub for HB 2149 creates a program that partners the state engineering institutions with businesses to expand the availability of engineering graduates in Kansas. It leverages state money with a dollar for dollar match from private business. The money will be used to upgrade engineering facilities at the universities to educate more engineering students, who will be employed in Kansas. Westar is committed to this program and would encourage the committee's support.

Jeffrey L. Turner
President and Chief Executive Officer

Written testimony on House Bill 2149: University Engineering Initiative Act
Jeffrey L. Turner, President and CEO, Spirit AeroSystems

Esteemed members of the Kansas Legislature:

I am sending this communication to convey my support of the University Engineering Initiative Act legislation which is now before you. During these times it is more important than ever to do everything in our power to protect the industries and jobs that help sustain our people and our communities.

Engineers play a critical role for Spirit; we use a multi-phased strategy to ensure a constant pipeline of engineers to innovate, design and maintain the aircraft of today and to create the aviation craft of the future. Spirit depends on its ability to design and build, in both metals and composites, the complex assemblies and sub-assemblies that move the state of aviation technology forward.

Spirit needs to recruit increasing numbers of engineers to meet the demands of our growing global business. Design engineers, stress engineers, liaison engineers and manufacturing engineers play a critical role in our ability to design and build exacting products in one of the most rigidly controlled industries in the world. A skilled engineering workforce will positively impact the economy of Kansas. Spirit welcomes the opportunity to collaborate with other Kansas industries and educational institutions and strongly supports House Bill 2149 designed to help attract, maintain and retain more engineers in Kansas.

In today's global economy, it is more important than ever for Spirit to remain competitive and for Kansas to maintain its ability to create economic growth. I believe House Bill 2149 will enable success in both arenas.

Thank you.

Jeff Turner



Spirit AeroSystems, Inc. / P.O. Box 780008 / MC 815-30 / Wichita, KS 67278-0008 / www.spiritaerosystems.com / Telephone: 316.526.1100

Appropriations Committee

Date April 28, 2011

Attachment 2



Kansas Society of Professional Engineers

A state society of the National Society of Professional Engineers

**Testimony of Kansas Society of Professional Engineers
In Support of Senate Sub for HB 2149:
Engineering Initiatives Act
Presented by Ron Gaches, Executive Director
Before the House Appropriations Committee
Wednesday, April 27, 2011**

Thank you Chairman Rhoades for this opportunity to support enactment of Senate Substitute for House Bill 2149 (the Engineering Initiatives Act) on behalf of the Kansas Society of Professional Engineers.

The Engineering Initiatives Act will help address one of the most critically important workforce issues confronting our state, the availability of highly trained engineers. The availability of an increasing supply of engineers is essential to almost every major component of the Kansas economy; manufacturing, processing, aviation, both traditional and alternative energy technology, transportation, agriculture, construction and consulting engineering. Like most of our aging workforce, baby boomer engineers are starting to retire from the workplace and their escalating numbers will leave a huge gap in the availability of engineering professionals to perform their work. Similarly, emerging industries like bioscience, health care, information technology, and medical research are relying more heavily on the newly developing engineering expertise offered by our three Kansas engineering colleges.

We simply cannot meet the future workforce demands of Kansas employers and potential employers if we don't start investing now in the capacity of our engineering colleges.

Further, we cannot meet the future employment needs of our young adults without increasing the capacity of our engineering schools. CNNMoney.com reported last year that 14 of the top 15-earning undergraduate degrees are engineering degrees. The lowest paying of those entry-level positions last year started at \$54,000 and the top paying earned more than \$83,000. An increasing supply of young engineers is essential to the future growth of the Kansas economy. Passage of this bill takes us a step closer to having that capacity.

The Kansas Society of Professional Engineers is the state's leading professional society of Professional Engineers working in all aspects of the Kansas economy. With more than 600 members throughout all of Kansas, KSPE's mission is to support the professional and ethical practice of engineering.

Appropriations Committee

Date April 28, 2011

Attachment 3

825 S Kansas Avenue, Suite 500 • Topeka, Kansas 66612

(785) 233-2121 • FAX (785) 233-2206 • kspe@kansasengineer.org • www.kansasengineer.org



AMERICAN COUNCIL OF ENGINEERING COMPANIES
of Kansas

Affiliated with:
American Council of Engineering Companies
Kansas Society of Professional Engineers
National Society of Professional Engineers
Professional Engineers in Private Practice

TO: MEMBERS OF THE HOUSE APPROPRIATIONS COMMITTEE

FROM: SCOTT HEIDNER
EXECUTIVE DIRECTOR, ACEC of KANSAS

RE: SENATE SUB FOR HB 2149

DATE: APRIL 27, 2011

Chairman Rhoades and members of the Committee:

Thank you for the opportunity to testify today in support of Senate Sub for HB 2149, the University Engineering Initiative Act. My name is Scott Heidner, and I appear today on behalf of the American Council of Engineering Companies of Kansas (ACEC of Kansas), the trade association for private consulting engineering companies in Kansas. We have approximately 70 member firms employing several thousand Kansans across the state.

We applaud your consideration of this bill today. In these lean fiscal times, we know how difficult it is to dedicate dwindling revenues to a new funding initiative. The return on this investment, however, will be fantastic. Engineering colleges in Kansas have struggled to accommodate the volume of students interested in the study of engineering. This bill would solve that issue and boost those schools to levels not seen before in their ability to not only accommodate more students, but to provide a quality of education that will make us the envy of our neighbors in the region.

As many of you have probably heard and seen, engineering is a field of employment that is expected to grow in the coming years. Even in this economic downturn, with many businesses downsizing their workforces, our experience is that there is still a need for more quality engineers than the market can provide. Engineers are an integral part of every exciting sector of economic growth in Kansas, including aircraft production, biosciences, alternative energy, and many others. Passage of this bill would take a giant step towards positioning Kansas for growth in forward looking industries.

We look forward to contributing to this effort if there is an opportunity to do so. Thank you for your time and consideration, and we look forward to working with this committee and the Kansas legislature to advance this important initiative.

Appropriations Committee

Date April 28, 2011

Attachment 4

Scott Heidner, Executive Director

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Submitted Testimony

Kansas House Committee on Appropriations

April 27, 2011

Jim Walters
Senior Vice President
Cessna Aircraft Company

Appropriations Committee

Date April 28, 2011

Attachment 5

Distinguished members of the Kansas House Committee on Appropriations:

Thank you for the opportunity to offer support for HB 2149, The University Engineering Initiative Act.

Kansas has a unique place in the global aerospace community as one of only a handful of aerospace clusters, or centers of aerospace research and industry. While this Kansas aerospace industry is centered in South Central Kansas, its impact is statewide and it affects the lives and pocketbooks of tens of thousands of Kansas, directly and indirectly. Most visible are major aircraft suppliers – Cessna, Bombardier, Hawker Beechcraft, Spirit and Boeing. But surrounding these major producers are hundreds of small and medium size companies supplying parts and systems to Kansas aircraft assemblers as well as other companies around the world.

In Cessna's field, general aviation, there are scores of companies of all sizes employing some 17,000 employees who draw more than a \$1 billion in direct pay a year. The General Aviation Manufacturers Association shows billings to Kansas suppliers of \$625 million in 2009 – a number that will grow as the industry comes back from its worst downturn in memory.

Kansas aerospace companies not only fuel the state's economy, they give the state a position as one of America's leading exporters, thanks to our global marketplace and high quality product range. Kansas companies were a major contributor to America's nearly \$5 billion in aerospace exports in 2010.

That the Kansas aerospace cluster exists is no accident. While it may have been entrepreneurship and luck that three aviation pioneers just happened to live in Kansas to start aircraft production in the early years of American aviation, it has been the support of local governments and the Kansas Legislature that allowed this industry to prosper through the years. Your foresight and recognition of the economic benefits of a strong aviation industry have won the day time and again as you have continued to act boldly in support of the women and men of Kansas who give so much to what we do.

Over the years, you have supported aviation as well as other high technology businesses with pro-business legislation and tax policy and that continues to impact our growth in good

Appropriations Committee
Date April 28, 2011
Attachment 5-2

times and our survival in lean times. And you have gone beyond simple pro-business initiatives to support institutions that set apart Kansas from other states that would take away business share. Specifically, the National Institute for Aviation Research and the National Center for Aviation Training form important legs of support for our industry and your funding for both has been a signal to the world that our state intends to remain in a leadership position for the future.

The third leg of the aerospace industry now needs your help as well. Access to new engineers is the key to keeping any industry fresh and competitive, and world-class educational facilities and programs form the underlying foundation to that access.

At Cessna, our engineering talent leans heavily on our Kansas roots. We anticipate hiring some 350 engineers through 2014 as we invest in new products and product improvements to maintain our own leadership position. At least half of those new hires will be new college graduates.

Our data shows that when our requirements are this large, we are forced to look outside Kansas as the state schools cannot meet our needs. For instance, this year's requirements are low enough so that more than 60 percent of our new graduate requirement will be met by Kansas universities. But as our requirements grow in 2012 and beyond, that percentage will drop below 25 percent but our Kansas schools just can't supply enough new engineering graduates for all the companies in the state aviation cluster.

To attract new students to Kansas engineering schools, we have to offer the prospective student a competitive education with modern, well-equipped facilities. If we don't, they will go to other schools in other states.

On behalf of the senior leadership team at Cessna, and speaking as a member of the Kansas aviation cluster, I urge you to support this bill to help maintain our economic prowess and technological advantage. Thank you for allowing Cessna this opportunity.

Jim Walters
Senior Vice President, Human Resources
Cessna Aircraft Company

Appropriations Committee
Date April 28, 2011
Attachment 5-3



April 25, 2011

The Honorable Marc Rhoades
Chair, Kansas House Appropriations Committee
Kansas State Capitol, Room 351-S
300 SW 10th Street
Topeka, KS 66612

Reference: House Bill 2149

Dear Representative Rhoades:

The economic success of our state relies on its ability to attract a broad range of industries to Kansas and create jobs for its citizens.

As industries consider opportunities to relocate or expand, they increasingly look at the availability of an educated, skilled and local workforce. House Bill 2149, the university engineering initiative act, directly addresses the State's ability to provide that critical workforce of the future. The university engineering initiative act and the Kan-grow engineering funds it creates, will help increase the number of engineering graduates in our state. When those graduates find their careers in Kansas, the entire State benefits as they purchase homes and raise their families here.

Collaboration between the University of Kansas, Kansas State University and Wichita State University and the Kan-grow engineering funds, will show industry the benefits of doing business in our state. Universities provide entrepreneurs and existing businesses with access to world-class laboratory facilities, research and experts in their fields. Approving HB 2149 demonstrates a commitment to using the unique resources of our major universities to grow jobs and the economy in Kansas, two elements critical to its prosperity. House Bill 2149 will not increase the State's current budget deficit since it will use future funds only.

Governor Brownback's Economic Development Strategic Plan builds upon his Road Map for Kansas which stressed the importance of economic growth and education. Kansas has an opportunity to attract a broad range of industries including aviation, military support, aerospace and energy by demonstrating its commitment to its three major universities as engines of economic prosperity.

Sincerely,

A handwritten signature in black ink, appearing to read "Tom Kern". The signature is fluid and cursive, with a large initial "T" and "K".

Tom Kern
President/CEO, Lawrence Chamber of Commerce

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Lawrence, Kansas 66044 | FX 785.865.4400
lawrencechamber.com

Appropriations Committee

Date April 28, 2011

Attachment 6



A DIVERSIFIED ENERGY COMPANY

Before the House Appropriations Committee
Senate Substitute for HB 2149
Testimony of Steve Johnson
Director - Government Relations, ONEOK, Inc.
7421 W. 129th, Overland Park, Kansas
913-319-8604
April 27, 2011

Chairman Rhodes and Members of the Committee,

My name is Steve Johnson and I represent ONEOK, Inc., a Fortune 500 company. I am also an Industrial Engineering graduate of Kansas State University.

ONEOK is the sole general partner and owns 42.8 percent of ONEOK Partners, L.P., a publicly traded limited partnership engaged in natural gas gathering and processing, natural gas pipelines and natural gas liquids (NGL). Our business in Kansas is manifested in the natural gas and NGL pipelines operating in the state, our NGL fractionation plants in Bushton and Hutchinson and our gathering and processing assets in Southwest Kansas. ONEOK also owns Kansas Gas Service, the largest natural gas distribution company in Kansas providing retail service to over 650,000 customers. We also own Oklahoma Natural Gas in Oklahoma and Texas Gas Service in Texas. We serve over two million customers in all three states. Additionally, ONEOK owns an energy services company marketing natural gas and related services to local distribution companies, industrial customers and power generators throughout the country.

ONEOK supports this legislation because we are experiencing and will experience a loss of qualified engineers due to the age of our workforce at all of our companies and the current expansion of our NGL businesses in Kansas, Oklahoma and North Dakota. Continuation of our other businesses in states where we provide service is also a priority.

Qualified engineers are in high demand especially those from the Midwest that want to stay and work in the area. It is imperative that we provide them educational opportunities in Kansas and do our best to retain their services in the state. This legislation will enable those students interested, to be provided the best our educators can provide and help our institutions of higher learning be on the cutting edge of these technical degrees.

ONEOK is currently looking for engineers to fill several vacancies and our first priority is to hire those that graduate from Kansas or Oklahoma universities. We find those graduates are more inclined to stay in these states and are not opposed to working in some of our rural areas where our growth seems to be at this time.

Thank you for the opportunity to present this testimony and please contact me if the committee has any further questions.

100 West Fifth Street • Tulsa, OK 74103-4298
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www.oneok.com

Appropriations Committee
Date April 28, 2011
Attachment 7

Kansas Good Roads, Inc.

TO: Chairman Marc Rhoads and Members of the House Appropriations Committee

FROM: Whitney Damron

RE: Senate Substitute for HB 2149 – The Engineering Growth Initiative

DATE: April 27, 2011

Chairman Rhoads and Members of the Committee:

On behalf of Kansas Good Roads, we respectfully ask the Committee to support Senate Substitute for HB 2149 in order to advance educational opportunities for engineering students in our state.

The state of Kansas and its citizens rely on qualified engineers, whether for highway and public works projects to aircraft workers and virtually anything in between. As the state and our country transition out of a devastating recession, engineers and their creative minds will lead the way through increased productivity, design work and business opportunities for our Kansas employers.

HB 2149 creates the framework for a unique partnership of non-state general fund dollars, leveraged with both private-sector investment and additional funds raised by the participating universities. State funding is appropriately drawn from the Expanded Lottery Act Revenue Funds (ELARF).

HB 2149 includes both geographic and educational diversity – the University of Kansas, Kansas State University and Wichita State University are all three a part of this initiative and the opportunities created for engineering students are not limited to specific fields of engineering, but rather applicable to all facets of the profession. The participating universities would work with private industry and the Board of Regents to insure goals of the program are met and the state maximizes the benefits of this program.

Kansas Good Roads and its members are the beneficiaries of the work product of many engineering professionals for road and infrastructure projects. Engineers touch everyone's lives, make us safer, more efficient and are vital to our state's ability to achieve its economic development potential.

HB 2149 will help our state recruit, develop and educate professionals that will transition into productive, high-paying jobs that will have a positive impact on our state far in excess of the cost of implanting this legislation. This kind of participation can serve as a model for future initiatives as well.

On behalf of Kansas Good Roads, Inc., we ask for your favorable consideration of HB 2149.

Thank you.

Kansas Good Roads, Inc.

919 South Kansas Avenue ♦ Topeka, Kansas 66612-1210 ♦ (785) 354-1354 ♦ wbdamron@aol.com

An association created to promote good roads in Kansas for all, by those who build them for people who use them.

Appropriations Committee

Date April 28, 2011

Attachment 8



Kansas Economic Progress Council
Suite 200
212 West 8th
Topeka, Kansas 66603

**Testimony on HB 2149
House Appropriations Committee
April 27, 2011**

Mr. Chairman and members of the committee, thank you for the opportunity to submit testimony on House Bill 2149, the University Initiative Engineering Act.

I'm Bernie Koch with the Kansas Economic Progress Council, a statewide not for profit organization of businesses, trade associations, and chambers of commerce. We support pro-growth policies for communities and the state.

We support House Bill 2149 and urge your favorable consideration. The goal of increasing engineering graduates is one that fits in well with the objectives of KEPC. We support Kansas investment in all levels of education necessary to maintaining and growing a quality workforce.

Human capital and the efficiency of labor have been shown to be significant to growth in major economic studies. Measures of human capital include the literacy rate, which certainly applies in this case.

Another substantial contributor to economic growth is continuing technological innovation and improvement. Engineers play a significant role in these efforts, perhaps more so than other professions in our highly technical age. In the Wichita aircraft industry, this is particularly important. We find that many aviation-related businesses want to be in Kansas because we have the highest concentration of aviation engineering in the world. It is a major factor in the success of our aviation industry.

For these reasons, we support House Bill 2149 and urge you to pass it.

Thank you for this opportunity.

The Kansas Economic Progress Council is a not for profit designed to draw together organizations and businesses interested in advancing sound public policy in Kansas to enhance our state's quality of life.

Kansas Economic Progress Council
www.ksepc.org
212 SW 8th Avenue, Suite 200
Topeka KS 66612
Bernie Koch, Executive Director

**TESTIMONY OF MARK HUTTON
BEFORE HOUSE APPROPRIATIONS COMMITTEE****HB 2149****April 26, 2011**

Mr. Chair and Members of the Committee my name is Mark Hutton. I am the founder and CEO of Hutton Construction Corporation, a mid-sized general contractor operating primarily in the State of Kansas. I am writing today in support of House Bill 2149 that provides funding to for the State's Engineering programs at Kansas State, Wichita State, and Kansas University.

Virtually all paths of business lead thru the engineering disciplines at some point in its life cycle. Whether it is in product design and development, manufacturing controls and processes, applications, or as entrepreneurs seeking new markets, engineers often times are driving business direction and profitability. The contributions that engineers make to the Kansas economy is enormous and in order for Kansas to continue to compete in a global market place we must continue to be a leader in producing some the highest respected engineering graduates in our nation.

HB 2149 provides funding to insure that Kansas remains a leader in producing engineering graduates. I urge you to not look at this as an expense to the State but as an investment in our States future. HB 2149 will provide the critical funding necessary to maintain our place in producing this important resource and help insure that the Kansas economy will remain vibrant.

Respectfully submitted



Mark Hutton
Chief Executive Officer



April 27, 2011



Testimony of Hank Booth, Director of Government and Community Affairs

Lawrence Chamber of Commerce

Before House Committee on Appropriations concerning HB 2149

Mr. Chairman and members of the Committee, I watched with great interest the opening day of testimony about HB 2149. I regret I will not be present tomorrow to speak. That testimony and committee members' questions led me to three key points to consider.

First, this is a solid investment in the future of Kansas education, economic development and rebuilding infrastructure at three Kansas institutions of higher education.

Secondly, this is a commitment to the business community of our state to provide the employees they will need to develop and grow their companies in Kansas and keep them here paying taxes, payroll and building our state's reputation to attract future development.

Finally, our kids in school today will compete in a global economy all of their lives. Many believe our nation's ability to compete in that market is eroding. This funding for the future engineers who will create our place in the new world economic order is critical for our future.

EDUCATION, ECONOMIC DEVELOPMENT AND THE FUTURE OF KANSAS AND THE U.S. IN THE WORLD ECONOMY.

Thank you for considering my comments.

Hank Booth

Director of Government and Community Relations

Lawrence Chamber of Commerce

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Appropriations Committee

Date April 28, 2011

Attachment 11

Dr. Ralph C. Richardson, DVM
Dean
College of Veterinary Medicine
Kansas State University

April 28, 2011

REPORT ON VETERINARY EDUCATION

1. National trends
 - a. 28 U.S veterinary colleges; 4 private, 24 public
 - b. The national applicant pool is decreasing. Over the last 20 years the applicant/available position has decreased from 3.29/1 to 2.1/1
 - c. Over the last 40 years the gender of veterinary students and applicants has shifted from 90% men/10% women to nearly 80% women/20% men. The majority of graduate veterinarians are women
 - d. Educational debt averages \$133,873 per student with 15% of new graduates having educational debt of >\$200,000
 - e. Average starting salary is \$67,359
 - f. Veterinary employment shortages are occurring in the federal government, state government, academe, industry and in rural practice
2. Kansas State University
 - a. The applicant pool is increasing. We attract 3.3 Kansas applicants for each available position and 17.5 non-resident applicants for each available position
 - b. The gender of the classes is 65-75% women and 25-35% men
 - c. Educational debt averages over \$150,000
 - d. Premier veterinary college in beef cattle veterinary medicine
 - e. Leader in preparing veterinarians for entry level practice, particularly rural practice
 - f. Becoming the center of infectious and zoonotic disease expertise, complemented by ABADRU, NBAF and the Kansas City Animal Health Corridor
 - g. Ranks 18th in the number of faculty (106); average is 168
 - h. Ranks 8th in class size (458); average is 391
 - i. Ranks 25th in state funding (\$10M); average is >\$25M
 - j. Resident tuition ranks 14th (~ \$20,000 per year)
 - k. Non-resident tuition ranks 12th (~ \$40,000 per year)
 - l. FY 2010 funding was 16.7% state, 22.4% tuition, 2.64% endowments, 1.36% annual giving, 38.08% research, 9.46% teaching hospital revenue, 8.66% diagnostic lab revenue and 0.77% other sales and services; total revenue was \$61,322,196.
 - m. Expanded class size is limited by inadequate faculty numbers, laboratory and classroom space, faculty office and lab space, and course budgets

BECAUSE OF THE ANIMAL HEALTH CORRIDOR, NBAF, ABADRU, AND KANSAS BEING FOCUSED ON AGRICULTURE AND ANIMAL HEALTH, K-STATE HAS A COMPETITIVE ADVANTAGE OVER OTHER VETERINARY COLLEGES... WORKFORCE DEVELOPMENT FOR RURAL KANSAS, ANIMAL HEALTH COMPANIES, AND GOVERNMENT RESEARCH IS POSSIBLE IF FACULTY/FACILITY GROWTH OCCURS.

Appropriations Committee

Date April 28, 2011

Attachment 12