

MINUTES OF THE HOUSE HIGHER EDUCATION COMMITTEE

The meeting was called to order by Chairman Terrie Huntington at 1:30 p.m. on March 12, 2009, in Room 786 of the Docking State Office Building.

All members were present except:

Representative Valdenia Winn- excused

Committee staff present:

Renaë Jefferies, Office of the Revisor of Statutes
Mary Galligan, Kansas Legislative Research Department
Jennifer Horchem, Kansas Legislative Research Department
Kay Scarlett, Committee Assistant

Conferees appearing before the Committee:

Brad Williams, Chief Information Officer & Kan-ed Executive Director, Kansas Board of Regents

Others attending:

See attached list.

Brad Williams, Chief Information Officer & Kan-ed Executive Director, Kansas Board of Regents, presented an overview of the Kan-ed program administered by the Kansas Board of Regents. By statute they are to provide for a broadband technology-based network to which schools, libraries, and hospitals may connect for broadband internet access and intranet access for distance learning. He discussed membership, services, network growth, needs, and funding for the Kan-ed program in Kansas. (Attachment 1)

Representative McLeland, Chairman of the House Budget Committee, reported that he had received a copy of *The American Recovery and Reinvestment Act of 2009* as it pertains to education from the Kansas Department of Education. He doesn't believe the state should accept this federal stimulus money for higher education until all the restrictions are known. Copies will be sent to members and staff.

The meeting was adjourned at 2:37 p.m. The next meeting of the House Higher Education Committee is scheduled for March 17, 2009.

HOUSE HIGHER EDUCATION COMMITTEE GUEST LIST

DATE March 12, 2009

NAME	REPRESENTING
Chris Gigstad	Federico Consulting
KEITH PANGBORN	KEARNEY & ASSOC.
Linda Fund	KACCT
Jennifer Findley	KS Hospital Association
Leigh Keck	Hein Law Firm

Kan-ed

Brad Williams

Chief Information Officer & Kan-ed Executive Director
Kansas Board of Regents

“to provide for a broadband technology-based network to which schools, libraries and hospitals may connect for broadband internet access and intranet access for distance learning.”

Our mission...

- Kan-ed is a program administered by the Kansas Board of Regents.
- In Statute: "The purpose of this act is to provide for a broadband technology-based network to which schools, libraries and hospitals may connect for broadband internet access and intranet access for distance learning. For that purpose, the state board of regents shall contract in accordance with this act for the creation, operation and maintenance of such network, to be known as the KAN-ED network."
- Kan-ed Mission: "Kan-ed will be the leader in facilitating statewide technology solutions for Higher Education, Hospitals, K-12 schools, and Libraries. Kan-ed will provide resources that enable its members to collaborate, educate and enhance their information delivery services to ensure our members become part of the global technology environment."

Kan-ed Advisory Committee

Jim Bingham	Kansas University Medical Center
Kathy Gosa	Kansas State Department of Education
Ravi Pendse	Wichita State University
Dennis Stone	United School Administrators of Kansas
Jennifer Findley	Kansas Hospital Association
David Rosenthal	Kansas Telecommunications Industry Association
Doug Penner	Independent Colleges Association
Chris Moddelmog	Kansas Association of Interactive Distance Education (KAIDE)
Coleen Jennison	Kansas Cable & Telecom Association
Catherine Moyer	State Independent Telephone Association
Christie Brandau	State Library of Kansas
Tom Erwin	Butler County Community College
Carol Barta	Kansas Library Association

Kan-ed 2.0 Fast Facts:

- Kan-ed 2.0 went online January 1, 2009.
 - 723 connection orders for 515 members (up from 292 connected members – 143% increase).
 - 63% of the membership will be **connected** to the network.
 - 837 of 892 (94%) schools, libraries and hospitals and higher education institutions are members of Kan-ed.
 - Kan-ed has filed E-rate on behalf of 350 members for FY2010.
 - 419,000 people have user accounts on the Kan-ed Empowered Desktop.
 - Every hospital in Kansas is connected to EMResource.
 - Disaster resource tracking database located in emergency rooms.
 - Kan-ed works with 28 phone, cable and ISP companies, and two Community Based Network (CBN's) to bring services and basic broadband to Kan-ed members.
 - Over 30,000 video conferences are scheduled between August 2008 and June 2009.
 - Kan-ed provides services to schools and libraries that served as a barrier to them receiving federal funding (filtering for CIPA, E-Rate support).

Kan-ed Member Services

- Kan-ed Empowered Desktop Authenticated Portal* (419,000 users)
- Educational and Research Databases (through Kan-ed Empowered Desktop or State Library card)
- Emergency Management Resource – (EMResource)
- E-rate 1-800 telephone support
- Access to Connected Kansas Kids Programming
- Multipoint Control Unit (MCU) Access
- Renovo Scheduled Video Conference Services
- Network Operation Center (NOC) Support 24/7
- Access to a private, secure network for video and data services
- Access to Internet 2 content and services
- Enhancing Technology Grant Program for Video and Local Area Network equipment grants.

kaned

Welcome, [guest guest](#). You are logged into [kaned](#). ([not you?](#))

Powered by LearningStation

- Homepage
- Teacher Pages
- Test Builder
- Lesson Planner
- Teacher Tools
- Backpack
- Discussion

Your applications

The Customized Desktop of



My Bookmarks

[edit](#)

You do not have any personal bookmarks. Click the edit button to add bookmarks to this block

*Academic Search and Alignment

[Kansas Education Resource Center \(KERC\)](#)
KSDE Alignment Tool

[netTrekker d.i. Kan-ed](#)
Academic Alignment Search Engine

Demo Assessment Tools

[LS Test Builder \(version 4\)](#)
v4

Web Search



Gale Search

*Virtual Inclusion Resources

[Connected Kansas Kids](#)
K-12 Special Needs Support Network

*Genealogy and Historic Sources

[Heritage Quest](#)
US Genealogical Search

*Online Reference Tools

[EBSCO Host](#)
 [Gale Cengage Learning](#)
Magazine and Newspaper Archives

[ProQuest](#)
Nursing Journals

[WorldBook Kan Ed](#)
Encyclopedia

School News

Welcome to the Empowered Education Desktop brought to you by Kan-ed. <http://www.kan-ed.org/>

*Productivity Tools

- [4Kids](#)
- [4Teachers](#)
Teacher Resources
- [ALTEC](#)
Advanced Learning Technologies
- [Kansas Career Pipeline](#)
Requires Login Information

*Kansas Historical Archives

[Territorial Kansas](#)
Historical Kansas Collection

*Grants and Contests

[Grant Wrangler](#)
Grants and Contests

*On Line Tutoring

[Homework Kansas](#)
On Line Tutoring

1-6

Drivers of Network Growth and Needs in Kansas

● Video Conferencing

- Less travel time
- Travel savings
- Not enough teachers / staff
- Professional development and training
- Reduces the carbon footprint (less travel)
- Gartner Consulting lists videoconferencing technology as a “Transformative Technology” in the next 2-5 years.
- Kan-ed has placed Kansas ahead of the curve.

● K-20 utilizing worldwide learning experiences

- Online assessments (LearningStation TestBuilder) based on State assessment standards for specific, customized quizzing and testing.
- Physics, Math, Foreign Language, general need for teachers in rural areas (Greenbush Mandarin Chinese in Lawrence)
- Talking with global student communities
- Access to advanced research and education databases
- CIPA protected access to information and resources for students, teachers and administrators.

Drivers of Network Growth and Needs in Kansas (continued)

- Colleges and universities meeting the growing demands of:
 - Non-traditional, adult learners
 - Professionals returning for certifications, additional degree work, specialized training
 - Students with advanced technical knowledge and requirements as they review universities for possible attendance
 - Online and distance learning having global implications
 - Research needs and large data manipulation and sending/receiving of data from other universities on research projects
 - National Science Foundation (NSF) grant requirements
- Libraries becoming the "hub" for advanced communications in their communities.
 - Communities reaching out to other communities for information sharing and networking
 - Employers using libraries for training (Burlington Library)
 - Public internet access for library patrons
 - Access to advanced databases for research and education for the community
 - Kan-ed (KBOR) is on the State Library of Kansas Board (statutorily charged to ensure and maximize participation with the Kan-ed network)

Drivers of Network Growth and Needs in Kansas (continued)

6-1

● Hospitals, Telemedicine, and Health Information Exchange

- Secure data transfers that meet HIPPA guidelines
- Training (CNE's and CME's)
- Professional development (speakers and seminars)
- Telemedicine in rural and urban areas
- Medical outreach programs and information
- FCC Hospital Grant
- Kan-ed has engaged the Kansas Health Policy Authority & E-Health Advisory Committee on their Health Information Network Initiative request by the Governor
 - KHPA will setup standards for data transfers and data exchange parameters
 - Kan-ed recommendation is to partner and utilize existing infrastructure

Kan-ed Funding Background

- Codified in April 2001 and funded in January of 2003.
 - \$10 million KUSF - FY 2004, FY 2005 and FY 2006.
 - \$8 million KUSF & \$2 million SGF - FY 2007, FY 2008 & FY 2009.
 - K.S.A 66-2010 - \$10 million from the SGF for FY 2010 and thereafter and that “such funding shall be of the highest priority along with education funding”.

Funding for Other States "Kan-ed" Networks:

<u>Funding Type</u>	<u>Number of States</u>
KUSF and/or SGF	27
E-Rate or Federal Dollars	11
User Fees (Typically for higher broadband levels) -Kan-ed passes on 100% of higher broadband costs	22
Membership Fees	4
Private dollars	2

- Note: A state network may utilize just one or many of the above funding streams.
- Many states have a "KUSF" for funding broadband access for educational networks.

Kan-ed Maximizes Federal Funding Streams

- Federal E-Rate funding:
 - Kan-ed has received \$5.7 million dollars from the federal E-Rate program to date.
 - Kan-ed has filed E-Rate funding requests on behalf of over 400 Kan-ed members (schools and libraries).
- FCC Rural Health Grant:
 - \$1.3 million per year over three years to connect hospitals.
 - Must be sustainable after federal funding stops.
 - Kan-ed is appealing to the FCC to waive the requirements to build a “new” state network.
- Closely watching the ARRA for broadband connectivity grant programs.
 - Partner with local companies to assist members.

Kan-ed Maximizes Federal Funding Streams (cont.)

- RUS (Rural Utilities Service Grant):
 - Kan-ed does not receive funding or administrative overhead.
 - Kan-ed partners with local communities to apply to the USDA to enhance broadband in rural areas.
 - \$421,876 to establish connectivity, telemedicine and tele-radiology between:
 - Ashland Health Center - Ashland, KS
 - Bob Wilson Memorial Grant County Hospital - Ulysses, KS
 - Edwards County Hospital and Healthcare Center - Kinsley, KS
 - Hamilton County Hospital – Syracuse, KS
 - Harper Hospital District # 5 - Harper, KS
 - Horton Community Hospital - Horton, KS
 - Meade District Hospital - Meade, KS
 - Satanta District Hospital - Satanta, KS
 - Scott County Hospital - Scott City, KS
 - St Catherine Hospital - Garden City, KS
 - Stafford District Hospital #4 - Stafford, KS
 - Stanton County Health Care Facility - Johnson City, KS
 - Stevens County Hospital, - Hugoton, KS
 - Wichita County Health Center - Leoti, KS
 - Lane County Hospital - Dighton, KS

KS Telecom Act of 1996 - Kansas Universal Service Fund

1-14

- (a) Ensure that every Kansan will have access to a first class telecommunications infrastructure that provides excellent services at an affordable price;
- (b) Ensure that consumers throughout the state realize the benefits of competition through increased services and improved telecommunications facilities and infrastructure at reduced rates;
- (c) Promote consumer access to a full range of telecommunications services, including advanced telecommunications services that are comparable in urban and rural areas throughout the state;
- (d) Advance the development of a statewide telecommunications infrastructure that is capable of supporting applications, such as public safety, telemedicine, services for persons with special needs, distance learning, public library services, access to internet providers and others;**
- (e) Protect consumers of telecommunications services from fraudulent business practices and practices that are inconsistent with the public interest, convenience and necessity.

**Note: Broadband access is defined as “a transmission of digital signals at rates equal to or greater than 1.5 megabits per second” in the statute.
1.544mb = T1**

Federal Universal Service Fund (USF)

- USF (Universal Service Fund) was established in 1996 and one of the priorities is to assist with the “expansion of broadband access to schools, libraries and health care.”
- Kan-ed was determined by the FCC to be an eligible telecom entity to receive Federal USF funding (through E-Rate).
- Also, Kansas statute [K.S.A. 66-1, 187 (q)] follows suit and indicates “broadband to schools, hospitals and libraries are part of universal service (in Kansas).”
- The KCC issued Kan-ed a legal opinion that we were entitled to receive KUSF funds as an eligible telecom entity.
- So, Kan-ed believes that as long as broadband services to schools, libraries and hospitals are expressly included in federal and state public policy as “universal service”, the KUSF is the logical source for Kan-ed funding.
- In 2009, the Governor, Board of Regents and LEPC agreed that Kan-ed should be funded through the KUSF. The Governor has recommended \$10 million KUSF in her budget.
- HB 2005 was introduced by the Board of Regents and LEPC, but Chairman Holmes refuses to work the bill or allow it be re-referred due to the Governor’s position on the coal plant issue.
- SB 285 passed the Senate Ways and Means committee on March 10th, which would fund Kan-ed 100% through the KUSF through June 30th, 2012.

Kan-ed Next Steps:

- Kan-ed changes to the Kan-ed Authorized Provider (KAP) Program
 - Will ensure local providers can provide the same benefit as direct connection members, who use the State of Kansas contract.
 - Kan-ed will assist local companies with T-1 (1.544mb) and 3.0mb service and router fees.
- Kan-ed will work with local companies to ensure Kan-ed members know they can use a “KAP” to connect to the network.
- Kan-ed will work with the private industry to ensure that public funds are not used to foster a competitive environment, even as we strive to ensure our members have access to high-speed broadband access.
- Kan-ed and the private industry will review Kansas telecom statutes in the summer of 2009.
 - That review may produce recommendations to the 2010 Legislature for statutory change.
 - Specific review will occur on how incremental long-run pricing works in Kansas, specifically within the context of circuit pricing for schools, libraries and hospitals.
- Finally, should Kan-ed be fully funded, Kan-ed will establish a sub-committee of the Kan-ed Advisory Committee to study “pay for play” services related to content and services (such as data backup) and will look at membership fee parameters in four states to see if they would work in Kansas.
- We will engage the Kan-ed Advisory Committee, our membership and the telecom/cable industry in this important work.

1-16