http://tinyurl.com/4ccd52

If you would like to contribute, too, e-mail: ssw@internet2.edu

Review and Analysis of successful FCC Rural Health Care Pilot Proposals

Steven Wallace

24-March-2008

Internet2 Health Network Initiative Workshop

Internet2 Spring Member Meeting 2008

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2

Internet2's Goals

Better understand the goals and requirements of the RHCPP community, and those that will support them.

Assist the RHCPP Participants in benefiting from the existing Internet2 community.

Facilitate communications among the RHCPP Participants

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[69 Proposals](#) ([FCC provided Abstracts](#))

Award amounts: $93K - $24M

Network transport: T1, satellite links, wireless, high-speed fiber, fiber to the home, VPN
Applications: VoIP, PACS, EMRs, video conferencing (low-end to HD), computer simulation, remote application hosting, remote consultation, exchange of EMRs, continuing education, sharing common information systems, clinical messaging, extending health care to the home, competitively neutral telemedicine, redundant connectivity

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69 Proposals (FCC provided Abstracts)

Applications: bio-terrorism surveillance, group scheduling, teleimmersion and telepresence in Intensive Care Units, wearable sensors,distributed clinical trials, telehealth laptops, "grand rounds", network modeling

Approach: Build, lease, partner

Interesting example from Rural Wisconsin Health Cooperative's RFP: One Full-Time Employee (FTE) to help design and manage Wide Area Network and components; position to be posted as a direct hire.

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[69 Proposals](#) ([FCC provided Abstracts](#))

Goals: Improve patient safety, improve outcomes, lower costs, provide for professional development, enable continuing education, enable collaboration...

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The Internet2 Community

Working Groups, Special Interest Groups, and Advisory Groups

- **Bulk Transport WG**
- **IPv6 WG**
- **Orthopaedic Surgery WG**
- **ResearchChannel WG**
- **Salsa Disaster Planning & Recovery (Salsa-DR) Working Group**
- **Cardiovascular SIG**
- **SIP.edu**
- **Voice over IP SIG**

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A Peek at the Research Channel

Objectives
- Share knowledge and experience in implementing various demand video and streaming video incarnations
- Work toward the highest-quality implementation of video distribution by interacting with vendors and pushing the appropriate network and computing requirements.
- Investigate the requirements and potential solutions for the support of distributed-quality video distribution.
- Promote the distribution of materials that would otherwise sit on the shelves of film and video libraries.

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A Peek at the Research Channel

- [2005 John R. Hogness Symposium on Health Care](#)
  Hogness Symposium on Health Care presents Harold P. Freeman, M.D.
- [25th Annual Minority Health Conference](#)
  Camara Jones delivers Keynote Lecture.
- [A Few Drops in Cambodia: Stories From a Relief Effort](#)
  The USC Annenberg School for Communication presents a documentary which follows three children searching for treatment in Cambodia's care health system.
- [A Healthy Nervous System: A Delicate Balance](#)
  Studying a rare ataxia can help us understand other neurodegenerative diseases.
- [ABCD: Access to Baby & Child Dentistry](#)
  Early dental education, intervention and care makes for lifelong oral health and decreased tooth decay and disease in children.
- [Abdominal Aortic Aneurysm Disease: Silent Killer](#)
  Ronald L. Dalman, MD looks at Abdominal Aortic Aneurysm (AAA), often referred to as the "silent killer".

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Considerations for Connecting to Internet2

- RHCPPs can connect via Internet2 Connectors
- Internet2 provides connecting RHCPP Participants the same connectivity as an Internet2 member.
- Typically there are fees associated with transport to the Internet2 connector, as well as shared expenses for maintaining the Internet2 connection and the Internet2 HNI Connection Fee.
- From a security perspective, an Internet2 connection is similar to an Internet connection.

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We are looking forward to the Internet2 Community growing to include the Rural Health Care Pilot

www.internet2.edu

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