

Virtual Demonstration Center

The purpose of the Virtual Demonstration Center is to explode current thinking about what healthcare is, by engaging visitors to the demonstration lab in potential healthcare futures that demonstrate innovative, high-quality, and maximally efficient care scenarios in compelling ways. Visitors to the Center will better be able to participate in building improved healthcare future states. The Virtual Demonstration Center is intended to provide a virtual “Gallery Walk” to all nurses, nursing faculty and nursing students via web access to nurse-focused technology applications. The Virtual Demonstration Center will provide exemplars of best practice for technology utilization, contact resources and virtual networking opportunities.

Virtual Demonstration Center Vision

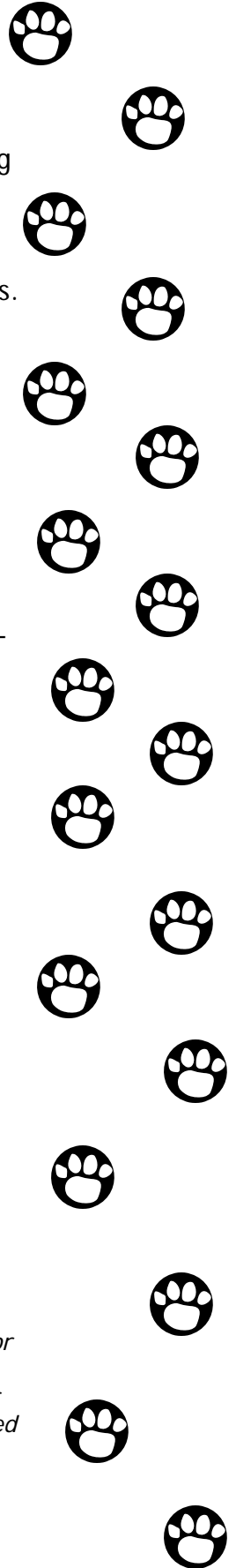
The Virtual Demonstration Center will be a dynamic Internet and possibly a physical destination to demonstrate highly effective and efficient, technology-enabled, solutions of exemplary healthcare delivery systems of the next three to ten years. Innovative and disruptive approaches will be highlighted.

Today

In this exciting new venue, the TIGER Initiative will host a virtual demonstration during the HIMSS [Virtual Conference & Expo on November 3-4](#) and we welcome your participation! We will test a variety of different themes and concepts in order to determine how best to engage our audience—the nursing practice and academic communities. We will provide access to resources that demonstrate how technology can be used to *enable* nursing education and nursing practice resulting in safer, more efficient, equitable, effective, timely and patient-centered healthcare. This timely event will engage nurses in the current issues that the TIGER initiative is focused on—interoperability, the National HIT agenda, competency-based education, improving the usability and clinical application design, and empowering consumers.

Our Center

The Virtual Demonstration Center innovative tools and video links listed below were voluntarily submitted; to become involved in the Demonstration Center please read below for more information. The inclusion of organization names, products or services in this pilot should not be construed as a TIGER Initiative endorsement of such organizations, products or services, nor is the failure to include organization names, products or services to be construed as disapproval by the TIGER Initiative or TIGER Initiative participants or sponsors.





1961: Electronic Medical Records

View an excerpt from a 1966 film on use of computers in healthcare, this segment from Akron General Hospital predicts great things for computers in medicine.

<http://www.youtube.com/watch?v=t-aiKllc6uk>

Academic Education Solution Video



Interactive video from the University of Kansas Medical Center - Center for Healthcare Informatics, presented in collaboration with Cerner Corporation.

<http://www2.kumc.edu/healthinformatics/video.html>



Clinical Gateway

Nursing Thought Leadership Web Cast Series presented by Siemens Corporation - 'Information Technology Supporting Clinical Excellence'. Continuing Nursing Education Credits of 1.0 contact hour will be offered to some sessions.

www.siemens.com/clinicalgateway

Clinical IT for Academics



Schools of Nursing and Siemens Corporation have partnered to better prepare nurse graduates to meet the demands of the healthcare e-technology workforce.

General site: www.usa.siemens.com/IT4Academics

Presentation video overview:

https://lmscontent01.siemenshealthservices.com/content/Saba/NUR/Final_Overview_v0200/Final_Overview_v0200.html

Clinicians Must Reinvent the Electronic Medical Record



Join Blake Lesselroth, MD, MBI, Assistant Professor of Medicine and Medical Informatics, Portland VA Medical Center, Portland, Oregon, as he proposes a radical reform for electronic medical records.

<http://www.youtube.com/watch?v=JGS8wzcWkVY>



Did You Know? Explore the LISTEN Project

The LISTEN Project has produced a video about the need for nurses to improve their technology skills.

<http://www.youtube.com/watch?v=XHVqLliBgdo>

EHR Goes to College



Join the electronic health record (EHR) as it goes to college in this interactive presentation, presented by The College of St. Scholastica - Center for Healthcare Innovation.

<http://resources.css.edu/ATHENSProject/TheEHRGoestoCollege/PPTforTIGER.html>



Emailing Power to Knowledge

How can nurses and doctors in two different countries and cultures (Malawi and Scotland) support each other to give optimum healthcare to their local patients, while learning of global advancements in medicines and treatment? Working from small, crowded storage rooms, the technology superheroes overcome tropical thunderstorms, power cuts, outbreaks of Malaria and medical emergencies to use server and developer tool technologies to become 'virtual colleagues'.

<http://www.youtube.com/watch?v=uMb1IOocBXY>

EMR Movie: Electronic Medical Records Hawaii

View real-life experiences with electronic medical records (EMR) in Hawaii. The Hawaii Independent Physician's Association has been helping physicians to go paperless, but many are hesitant due to initial investment hurdles and implementation anxieties. This film shows some of Hawaii's early adopters and documents their experience with electronic medical records.

<http://www.youtube.com/watch?v=3sBe3rdisRo>

Explore the Life of Florence Nightingale

View a movie report on Florence Nightingale with credentials and backgrounds and a brief discussion about her environmental theory.

<http://www.youtube.com/watch?v=r0hQJlioytI>

Listen to a historical voice recording on an Edison Parafine Wax Cylinder, on July 30th, 1890. This is a 1933 Dubbing from the original cylinder, made by Edison-Bell Company from England, released as "19th Century Celebrities Series No.1".

<http://www.youtube.com/watch?v=ax3B4gRQNU4>

How Technology Can Serve Us as We Age

Join Jennie Chin Hansen, AARP to learn how technology will vastly improve quality of life both for aging boomers and for caretakers. We know an overwhelming majority of people want to stay in the comfort and familiarity of their own homes and communities. We are just at the threshold of technological innovations and medical advances that can promote greater fulfillment in the later years.

<http://www.youtube.com/watch?v=t7gl1zCPzZM>

Information Technology and the Quality of Healthcare

What is the role of technology in strategic management of the health care challenges facing the nation? Join Dr. Harvey Fineberg, president of The Institute of Medicine for

a report from the front lines of the debate arising throughout the country about the national system of health care.

<http://www.youtube.com/watch?v=WOWSX7tBkVE>

Medication Management System

Explore an interactive video from the AnMed Health in Anderson, South Carolina partnered with McKesson to build a comprehensive Medication Management System for a 500 bed facility.

http://sites.mckesson.com/Video/HIMSS/AnMed_Final_July10_384K_001.swf



Nurse Robot Exoskeleton on Beyond Tomorrow

This is a clip from Beyond Tomorrow documenting the Power Assist Suit developed at Kanagawa Institute of Technology in Tokyo, Japan. The suit is a robot exoskeleton designed to help nurses lift patients.

<http://www.youtube.com/watch?v=Yz618qJIIBA>

Public Health Nurses Speak through Electronic Care Plans

This is a live recording with voiceover and slides that educates nursing students and newly hired public health nurses to use automated terminology to plan, document, and evaluate care in a large public health state delivery system that offers diverse services.

<https://himss.webex.com/himss/lsr.php?AT=pb&SP=MC&rID=28108032&rKey=C982818213B88862>



Share the Power and Voice of the Nursing Profession - Using Technology!

Watch a day in the life of three nurses in Massachusetts General.

Part1: <http://www.youtube.com/watch?v=pWxw4QRsTjg>

Part 2: <http://www.youtube.com/watch?v=ShsBaajCtoU>

Part 3: <http://www.youtube.com/watch?v=2x4Egr5gpiE>

Watch the story of Alfreda (Sporan) Burkett's years in Nursing school in the 1930s told through photos and diary entries.

Part 1: <http://www.youtube.com/watch?v=P14eYOhDbIU>

Part 2: <http://www.youtube.com/watch?v=r3f3bw2ZEHg>

Technology Drill Down

The Robert Wood Johnson Foundation (RWJF) awarded a grant to the American Academy of Nursing in December of 2005 for a project called "Technology Targets: A Synthesized Approach for Identifying and Fostering Technological Solutions to Workflow Inefficiencies on Medical/Surgical Units."

- Order Technology Drill Down DVD:
<http://www.aannet.org/i4a/pages/index.cfm?pageid=3364>
- Facilitator Manual: http://www.aannet.org/files/public/facilitator_manual.pdf
- TD2 Presentation Slides:
http://www.aannet.org/files/public/HIMSS_final_with_devices_Cipriano.ppt
- Website: <http://www.aannet.org/i4a/pages/index.cfm?pageid=3318>

Telus Innovation Experience

Explore the Integrated Bedside Terminal using three-dimensional resources at your fingertips, presented by Siemens Corporation.

<http://tie.telus.com/html/index.html#P009>

Transforming Health Professional Education: Meeting the Challenge

Presented by Helen Connors PhD, RN FAAN, Executive Director, Center for Health Informatics, Associate Dean for Integrated Technologies, School of Nursing, University of Kansas; Judith Warren, PhD, RN, BC, FAAN, FACMI, Director of Nursing Informatics, Center for Health Informatics, University of Kansas; and Brice Jewell, Med, Manager, Health Professions Education, Cerner Corporation.

<https://himss.webex.com/himss/lsr.php?AT=pb&SP=EC&rID=28496217&rKey=EC24756CD3FC2748>



Using RFID Technology to Improve Patient Care and Clinical Workflow

Join Ann-Marie McDonough and Keri McCrensky in an explanation of RFID technology. Including how WaveMark, Inc. leverages this technology to simplify and automate the inventory management process and demonstrates the relationship to patient safety.

<https://himss.webex.com/himss/lsr.php?AT=pb&SP=EC&rID=28499997&rKey=BEF2CBC394E52A3C>

Using Technology to Transform Nursing Care with Evidence-Based Practice



Join Sheri Matter, MS, MBA, RN-BC; Chief Nursing Informatics Officer of Pinnacle Health System, Rosemary Kennedy MBA, FAAN, RN; Chief Nursing Informatics Officer, Siemens and Jonathan Evans, MA, BSN, RN; Nurse Informatics Specialist, Siemens in this depth look at transforming nursing practice!

<https://himss.webex.com/himss/lsr.php?AT=pb&SP=EC&rID=28459042&rKey=4F6CF72D2E4A9DE6>



Virtual Healthcare Island

Second Life: IBM Virtual Healthcare Island is a unique, three-dimensional representation of the challenges facing today's healthcare industry and the role information technology will play in transforming global healthcare-delivery to meet patient needs. To visit the IBM Virtual Healthcare Island and see a short, narrated video on the Island, please go to this url:

<http://www-03.ibm.com/press/us/en/pressrelease/23580.wss>

What Comes Next

The future of the Virtual Demonstration Center will be in alignment with the larger vision of the TIGER Initiative. As we move from a planning phase to a development and execution phase, the VDC will become a Virtual Learning Center. The mission of the Virtual Learning Center (VLC) will be to develop an organizing framework for technology and informatics education and training for healthcare professionals, allied health professionals, and those in training. The framework will also be inclusive of those considering training for a healthcare profession.

VLC efforts will focus on development of an educational framework and curricular content map that integrates with the Office of the National Coordinator (ONC) and regional efforts. The framework will identify and incorporate existing resources as well as identifying opportunities to develop new educational content. The competency-based curriculum will focus on outcomes across the continuum of care, taking guidance from entities such as the National League for Nursing and the American Nurses Association.

The need for informatics education and training for current healthcare and allied health professionals will grow rapidly as the Health IT Regional Extension Centers (as identified under the HITECH Act) move forward, specifically to support regional informatics projects. Those in need of education and training will cover the spectrum from sole practitioner offices to tertiary care health systems. In addition, as the demand for nurses and other professionals grows, the need for education that can support informed career choices will also grow. The TIGER initiative and the VLC will work to address this need and advance the successful adoption of Informatics in healthcare.

How to get involved in submitting content - We challenge you and your organization to consider what features will engage our target audience. We welcome your creative input to evaluate its impact.

Please send an email with your applicable content ideas and contact information to:

canderson@himss.org