Curriculum Development Centers Program

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Curriculum Development Centers (CDCs)

- Five universities granted awards
 - Oregon Health & Science University
 - Johns Hopkins University
 - University of Alabama at Birmingham
 - Columbia University
 - Duke University
- Oregon Health & Science University additionally serves as National Training & Dissemination Center (NTDC)
 - Training event for community college faculty in August, 2011 and additional activities
 - Dissemination web site to distribute curricular materials and collect feedback
 - General support of curriculum use

Curriculum components

- Producing 20 "components" (four per CDC) that are turned into "courses" by community colleges

 Introduction to Health Care and Public Health in the U.S.

 The Culture of Health Care

 Terminology in Health Care and Public Health Settings

 Introduction to Information and Computer Science

 History of Health Information Technology in the U.S.

 Health Management Information Systems

 - Health Management Information Systems
 Working with Health IT Systems
 Installation and Maintenance of Health IT Systems
 Networking and Health Information Exchange
 Fundamentals of Health Workflow Process Analysis & Redesign
 - Configuring EHRs
 - Quality Improvement
 - Public Health IT

 - Special Topics Course on Vendor-Specific Systems
 Usability and Human Factors
 Professionalism/Customer Service in the Health Environment

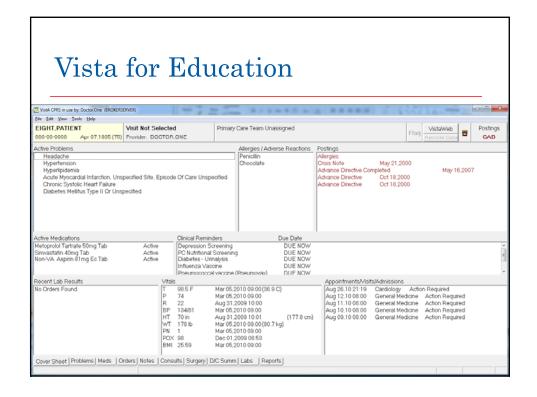
 - Working in Teams
 Planning, Management and Leadership for Health IT
 Introduction to Project Management

 - Training and Instructional Design

Components assigned to workforce roles via "set table"

HIT/EHR laboratory courses

- All HIT students at all levels need "hands on" learning with real systems
- Three components are "lab" components
 - Using EHRs
 - Installing and maintaining EHRs
 - Configuring EHRs
- Have developed VistA for Education
 - Thanks to gracious efforts of VHA
 - Based on FOIA VistA system with added data for education
 - Most graduates will use other systems in jobs, but VistA provides a state-of-the-art common system for all
 - Runs standalone or networked on most versions of Windows between XP and 7 (32 and 64 bit) – but not without challenges!



Accomplishments and future plans

- Community college faculty training event held August 9-11, 2010 in Portland, OR with 210 attendees
- Delivered Version 1 of curriculum, including VistA for education, to community colleges by October, 2010
 - Supported through NTDC
- Currently working on Version 2, which is mostly a maintenance update of Version 1, for delivery to community colleges in May, 2011
 - Surveying colleges for additional feedback for revisions
- In July, 2011, will release Version 2 of curriculum to all institutions of higher education
- Further goals include updated version of VistA for Education and release of a Version 3 before end of grant period (April 2, 2012)
- Have goal of sustainability beyond end of grant
 - Likely to be useful for UBT and other graduate programs