



# Curriculum Development Centers Program

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## Curriculum Development Centers (CDCs)

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- 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



## 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!*

## Vista for Education

The screenshot displays the VistA EHR interface for a patient named 'EIGHT.PATIENT'. The interface is organized into several sections:

- Header:** Shows patient ID '000-00-0000', birth date 'Apr 07, 1905 (70)', and provider 'DOCTOR.ONE'. It also indicates 'Visit Not Selected' and 'Primary Care Team Unassigned'.
- Active Problems:** Lists conditions such as Headache, Hypertension, Hyperlipidemia, Acute Myocardial Infarction, Unspecified Site, Episode Of Care Unspecified, Chronic Systolic Heart Failure, and Diabetes Mellitus Type II Or Unspecified.
- Allergies / Adverse Reactions:** Lists Penicillin and Chocolate.
- Postings:** Shows dates for various postings, including 'Crisis Note' on May 21, 2000, 'Advance Directive Completed' on May 16, 2007, and 'Advance Directive' on Oct 18, 2000.
- Active Medications:** Lists Metoprolol Tartrate 50mg Tab, Simvastatin 40mg Tab, and Non-N/A Aspirin 81mg Ec Tab, all marked as 'Active'.
- Clinical Reminders:** Lists Depression Screening, PC Nutritional Screening, Diabetes - Urinalysis, Influenza Vaccine, and Pneumococcal vaccine (Pneumovax), all marked as 'DUE NOW'.
- Recent Lab Results:** Shows 'No Orders Found'.
- Vitals:** Displays vital signs including Temperature (98.5 F), Pulse (74), Respiratory Rate (22), Blood Pressure (134/81), Height (70 in), Weight (178 lb), and BMI (26.59).
- Appointments/Visits/Admissions:** Lists several appointments with dates and times, such as 'Aug 26, 10 21:19' in Cardiology and 'Aug 12, 10 08:00' in General Medicine, all marked as 'Action Required'.

## Accomplishments and future plans

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- 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