

Existing Training Resources for ONC Staff and State HIE Grantees

Introduction

This document includes a list of resources available for key Health Information Exchange (HIE)/Health Information Technology (HIT) training topics. The resources include a combination of HIE/HIT training session topics, webinars, published reports, and modules developed for toolkits.

Introductory HIT/HIE Courses	
Introduction to HIT	<ul style="list-style-type: none"> • AHRQ – National Resource Center HIT Toolkit Introduction (http://healthit.ahrq.gov/portal/server.pt/community/health_it_tools_and_resources/919/ahrq_national_resource_center_evaluation_toolkits/24073) • National eHealth Collaborative University – HIT Orientation – May 2011 (http://nationalehealth.org/uploadedFiles/Home/Events/NeHC_University/Orientation%20PowerPoint%20FINAL%20051811.pdf) • American Medical Association (AMA) – Introduction to Health IT – April 2011 (http://www.amacmeonline.com/health_it/ama_health_it_transcript.pdf)
Introduction to HIE and the State HIE Program	<ul style="list-style-type: none"> • eHealth Initiative HIE Toolkit – State-Run Health Information Exchange (http://www.ehealthinitiative.org/issues/health-information-exchange-hie/hie-toolkit/hie-toolkit-setting-up-a-governance-structure.html#state) • National eHealth Collaborative University – ONC Initiatives for Health Information Exchange and their Continuing Evolution – April 2010 (http://www.nationalehealth.org/uploadedFiles/Home/Initiatives/Nationwide_Health_Information_Network/NHIN_University/NHIN-U%20103%20aggregate%20deck%20-%2020100419%5B1%5D.pdf) • eHealth Initiative HIE Toolkit – Assessing Readiness (http://www.ehealthinitiative.org/issues/health-information-exchange-hie/hie-toolkit/hie-toolkit-getting-started.html#readiness) • National Governors Association (NGA) – Federally Funded HIT Programs (http://www.nga.org/portal/site/nga/menuitem.1f41d49be2d3d33eacdcbbeb501010a0/?vgnextoid=1a9f7383a754f210VgnVCM1000005e00100aRCRD) • Healthcare Information and Management Systems Society (HIMSS)

	<ul style="list-style-type: none"> – HIE Toolkit – Defining HIE – November 2009 (http://www.himss.org/content/files/2009DefiningHIE.pdf) • HIMSS – HIE Toolkit – HIE Technical Informational Overview – March 2011 (http://www.himss.org/content/files/HIMSSHIETechnicalOverview.pdf) • ONC State HIE Website – Evaluation of the State HIE Cooperative Agreement Webinar Presentation – May 2010 (http://statehieresources.org/wp-content/uploads/2010/12/State-HIE-Eval-slides-3_revised-May-20.pdf) • ONC State HIE Website – Evaluation of the State HIE TA Gap Analysis Guidance Webinar Presentation – July 2010 (http://statehieresources.org/wp-content/uploads/2010/12/State-HIE-TA-Gap-Analysis-Webinar-Final-2010-07-161.pdf)
Meaningful Use	<ul style="list-style-type: none"> • CMS – Understanding Meaningful Use – May 2011 (http://www.cms.gov/EHRIncentivePrograms/Downloads/MUStage1_Requirements_Overview_0511.pdf) • CMS – EHR Meaningful Use Overview (http://www.cms.gov/EHRIncentivePrograms/30_Meaningful_Use.asp) • CMS – EHR Incentive Program: Specifics of the Program for Eligible Professionals – August 2010 (http://www.cms.gov/EHRIncentivePrograms/Downloads/EHR_Incentive_Program_Agency_Training_081010.pdf) • CMS – EHR Incentive Program: Specifics of the Program for Hospitals – August 2010 (http://www.cms.gov/EHRIncentivePrograms/Downloads/EHR_Incentive_Program_Hospital_Training_FINAL.pdf) • Health IT Buzz – Resources from ONC on Becoming a Meaningful User of EHRs – January 2011 (http://www.healthit.gov/buzz-blog/meaningful-use/resources-onc-becoming-meaningful-user-ehr/) • HRSA Webinar Recording – Meaningful Use for Safety Net Community – July 2010 (http://www.youtube.com/watch?v=R5JFM91ymW4&feature=player_embedded&safety_mode=true&persist_safety_mode=1#at=35) • New Jersey Regional Exchange Center – NJ-HITEC’s Fact Sheet – Meaningful Use – What a Provider Needs to Know (http://www.njhitec.org/downloads/NJHITEC_Meaningful_Use_Information.pdf)
Emerging Trends in HIT and HIE	<ul style="list-style-type: none"> • National eHealth Collaborative University – HIT Trends – June 2011 (http://www.nationalehealth.org/uploadedFiles/Home/Events/NeHC_University/NeHC%20University%20HIT%20Trends%20SHORT%20060811.pdf) • Circle Square Inc. – HIT Trends – March 2011 (http://www.ehealthinitiative.org/members-download/finish/15-member-projects-a-reports/60-hit-trends-march-2011.html)

	<ul style="list-style-type: none"> • Virginia HIT Regional Extension Center – Network Security in Healthcare – April 2011 (http://vhitrec.org/wp-content/uploads/IT-Security-for-Admin-in-Health-Care_final042011.pdf)
Role of Federal Government in HIT	<ul style="list-style-type: none"> • ONC State HIE Website – Federal HIT Programs (http://healthit.hhs.gov/portal/server.pt/community/healthit_hhs_gov_federal_health_it_programs/1141)
Leadership/Management Courses	
Introduction to Project Management/Program Management	<ul style="list-style-type: none"> • ONC State HIE Website – Project Management: Strategies and Resources for the State HIE Program – December 2010 (http://statehieresources.org/wp-content/uploads/2010/12/Project-Management-Strategies-and-Resources.pdf) • HRSA Rural Health IT Adoption Toolbox – Project Management and Staffing (http://www.hrsa.gov/healthit/toolbox/RuralHealthITtoolbox/Project/index.html) • Project Insight Webinar – Project Management Certification: What is it and why do I want it? (http://www.projectinsight.net/community/learn/article/project-management-certification.aspx) • Center for Disease Control and Prevention (CDC) – Work plans: A Program Management Tool – August 2009 (http://www.cdc.gov/cancer/nbccedp/training/workplans/introduction.htm) • Center for Healthcare Strategies Inc – Arkansas HIE and Quality Reporting – August 2010 (http://www.chcs.org/publications3960/publications_show.htm?doc_id=1261144)
Facilitation, Collaboration, and Communication Strategies and Approaches	<ul style="list-style-type: none"> • Deloitte – Training Strategy Approach – March 2009 (See attachment– Training Strategy Approach) • Deloitte – Facilitation and Skills Training Guide – December 2008 (See attachment –Facilitation & Skills Training Guide) • Deloitte – Train the Trainer Facilitation Skills – 2010 (See attachment –Train The Trainer Facilitation Skills)
Stakeholder Engagement	<ul style="list-style-type: none"> • eHealth Initiative HIE Toolkit – Stakeholder Needs (http://www.ehealthinitiative.org/issues/health-information-exchange-hie/hie-toolkit/hie-toolkit-setting-up-a-governance-structure.html#stakeholders) • AHRQ Healthcare Innovations Exchange – Engaging Stakeholders – January 2009 (http://www.innovations.ahrq.gov/webevents/index.aspx?id=6)
Introduction to Vendor Management	<ul style="list-style-type: none"> • Health Point South Dakota REC – Vendor Selection Overview Presentation – October 2010 (http://www.healthpoint.dsu.edu/Resources/SFSummit20101019/Sum)

	<ul style="list-style-type: none"> • mit_EHR%20TRANS_101_VENDOR.pdf • Oregon's Regional Extension Center – Choosing an EHR – October 2010 (http://o-hitec.org/webinars/ehr-choosing/) • Deloitte – State HIE TA Vendor Management Report (Coming Soon)
Financial Sustainability Principles	<ul style="list-style-type: none"> • Computer Science Corporation (CSC) – Creating a Financial Sustainable HIE (http://assets1.csc.com/health_services/downloads/CSC_Creating_a_Financially_Sustainable_HIE.pdf) • NGA – HIT Sustainability (http://www.nga.org/portal/site/nga/menuitem.1f41d49be2d3d33eacdcbbeb501010a0/?vgnnextoid=c8217383a754f210VgnVCM1000005e00100aRCRD) • NGA – HIE Sustainability Toolkit (http://www.nga.org/Files/pdf/1009EHEALTHBOSTICK.PDF) • HRSA Health IT Adoption Toolbox – Financing (http://www.hrsa.gov/healthit/toolbox/HealthITAdoptiontoolbox/Financing/index.html) • HRSA Webinar – Budgeting for HIT – March 2009 (http://www.youtube.com/watch?v=IcFZHdIMic0&feature=player_embedded&safety_mode=true&persist_safety_mode=1) • Deloitte Center for Health Solutions – Accountable Care Organizations: A New Model for Sustainable Innovation – July 2010 (http://www.deloitte.com/assets/Dcom-UnitedStates/Local%20Assets/Documents/US_CHS_AccountableCareOrganizations_070610.pdf)
Technical Courses	
Introduction to HIT Systems	<ul style="list-style-type: none"> • Providence Health & Services – Computer Physician Order Entry (CPOE) Training – March 2010 (http://www.providence.org/provexpert/training/whatwhy/WhatAndWhy10.htm) • HRSA Webinar – Personal Health Records (PHRs) – April 2009 (http://www.youtube.com/watch?v=W1u3YFHH9P0&feature=player_embedded&safety_mode=true&persist_safety_mode=1) • HRSA Webinar – Successful Strategies for Integrating EHRs and Practice Management Systems – July 2009 (http://www.youtube.com/watch?v=CKGcX68g5Gk&feature=player_embedded&safety_mode=true&persist_safety_mode=1)
HIT-Related Standards	<ul style="list-style-type: none"> • HIT Standards Committee Workgroups <ul style="list-style-type: none"> ○ ONC HIT Website – Clinical Operations Workgroup (http://healthit.hhs.gov/portal/server.pt?open=512&objID=1479&parentname=CommunityPage&parentid=2&mode=2&in_hi_userid=10741&cached=true) ○ ONC HIT Website – Clinical Quality Workgroup – May/June 2011 (http://healthit.hhs.gov/portal/server.pt?open=512&objID=14)

	<p>80&parentname=CommunityPage&parentid=2&mode=2&in_hi_userid=10741&cached=true)</p> <ul style="list-style-type: none"> ○ ONC HIT Website – Privacy & Security Standards Workgroup – June 2011 ○ ONC HIT Website – Implementation Workgroup ○ ONC HIT Website – Vocabulary Task Force – June 2011
<p>The Direct Project, NwHIN, and CONNECT</p>	<ul style="list-style-type: none"> ● ONC State HIE Website – Direct Basic Webinar – December 2010 ● ONC State HIE Website – Direct FAQs – April 2011 ● ONC – Direct Project Overview – February 2011 ● ONC Direct Boot Camp Resources – April 2011 <ul style="list-style-type: none"> ○ Approaches to Implementation ○ Anatomy of Direct ○ User Interfaces and Deployment Models ○ Provider Directories ○ Privacy and Security ○ Contracting with HISP Vendors ○ Lab Results ○ Consumer-Mediated Exchange ○ Transitions in Care ○ Public Health ○ Direct and NwHIN ○ Shared Resources, including overview presentation and key messages for states, health systems, individual providers and vendors ● National eHealth Collaborative University – Revisiting the Direct Project – March 2011 ● National eHealth Collaborative University – The Direct Project: Where we are Today – November 2010

	<p>onwide Health Information Network/NHIN University/NHIN%2003%20presentation%20slides%20112410.pdf)</p> <ul style="list-style-type: none"> • National eHealth Collaborative University – NwHIN 101 Intro to NwHIN – February 2010 (http://www.nationalehealth.org/uploadedFiles/Home/Events/Board_of_Directors_Meetings/February_22,_2010/2-22%20PUBLIC%20FOLDER%20FINAL.pdf) • National eHealth Collaborative University – NwHIN 103 ONC Initiatives for Health Information Exchange and their Continuing Evolution – April 2010 (http://www.nationalehealth.org/uploadedFiles/Home/Initiatives/Nationwide_Health_Information_Network/NHIN_University/NHIN-U%20103%20aggregate%20deck%20-%2020100419%5B1%5D.pdf)
<p>Introduction to the Standards and Interoperability Framework</p>	<ul style="list-style-type: none"> • S&I Framework Wiki – S&I Framework Landing Page (links to resources) – April 2011 (http://jira.siframework.org/wiki/pages/viewpage.action?pageId=5605554) • National eHealth Collaborative University – Importance of Standards and Interoperability (S&I) Framework – October 2010 (http://www.nationalehealth.org/uploadedFiles/Home/Initiatives/Nationwide_Health_Information_Network/NHIN_University/NHIN201FINAL100110.pdf)
<p>State Strategic and Operational Plan Models</p>	<ul style="list-style-type: none"> • ONC State HIE Website – State HIE Strategic and Operational Plan Emerging Models – February 2011 (http://mycourses.med.harvard.edu/ec_res/nt/8B2A09F4-4EC8-429D-998A-3BC96EC149FE/hie_model.pdf)
<p>Introduction to Provider Directories</p>	<ul style="list-style-type: none"> • S&I Framework – Provider Directory Environmental Scan (http://wiki.siframework.org/file/view/HITPC%20Provider%20Directories%20Environmental%20Scan.pdf) • S&I Framework – Provider Directories Reference Materials – May 2011 (http://wiki.siframework.org/Provider+Directories+Reference+Materials) • S&I Framework – Provider Directories and Direct Boot Camp – May 2010 (http://wiki.siframework.org/file/view/Session5DirectBootCampProviderDirectoriesFinal.pptx)
<p>Introduction to eRx</p>	<ul style="list-style-type: none"> • ONC State HIE Website – Electronic Prescribing (eRx) Webinar Presentation – August 2010 (http://statehieresources.org/wp-content/uploads/2010/12/eRx_HIETA_Webinar.ppt) • ONC State HIE Website – Electronic Prescribing (eRx) Webinar Recording – August 2010 (http://statehieresources.org/wp-content/uploads/2010/12/eRx-guidance-webinar.mp3) • CareMed IT – Electronic Prescribing (eRx) Training – November 2010 (http://www.caremedit.com/prac-fusion/eprescribe-training/)

	<ul style="list-style-type: none"> • HRSA Health IT Adoption Toolbox – Electronic Prescribing (eRx) (http://www.hrsa.gov/healthit/toolbox/HealthITAdoptiontoolbox/ElectronicPrescribing/index.html) • HRSA Webinar – Electronic Prescribing Overview – November 2009 (http://www.youtube.com/watch?v=Xj7SVvIrEWM&feature=player_embedded&safety_mode=true&persist_safety_mode=1) • Vermont Information Technology Leaders – Electronic Prescribing (eRx) Demonstration (http://player.vimeo.com/video/19263541?width=800&height=500&frame=true) • Oregon’s Regional Extension Center – Electronic Prescribing (eRx) Webinar – November 2010 (http://o-hitec.org/webinars/electronic-prescribing/) • Oklahoma Foundation for Medical Quality – Requirements and Penalties: CMS Electronic Prescribing (eRx) Incentive – May 2011 (http://www.ofmq.com/requirements-and-penalties-cms-e-prescribing-incentive)
Introduction to Lab Interoperability	<ul style="list-style-type: none"> • ONC State HIE Website – Lab Interoperability Report – May 2011 (http://statehieresources.org/wp-content/uploads/2010/12/Lab-Interoperability-Report.ppt) • Primary Care for All – Developing a Roadmap to Certified Interoperability of Lab Results and Immunizations Presentation (http://primarycareforall.org/wp-content/uploads/2011/04/Developing-a-Roadmap.ppt) • S&I Framework – Lab Results Interface (LRI) Initiative – Common Data Elements for Lab Results Reporting (http://wiki.siframework.org/file/view/Appendix%20C_Common%20Core%20Data%20Elements_Final_3_2011.docx) • S&I Framework – Lab Results Interface (LRI) Initiative – Public Health Reportable Lab Results – May 2011 (http://wiki.siframework.org/file/view/HHS_ONC_Public%20Health%20Reportable%20Lab%20Results%20_Use%20Case_draft_050911_v%200%201.docx)
Clinical Care Summary Exchange	<ul style="list-style-type: none"> • ONC State HIE Website – Patient Care Summary Exchange Webinar Presentation – August 2010 (http://statehieresources.org/wp-content/uploads/2010/12/SummaryOfCareWebinar_2010Aug6.ppt) • ONC State HIE Website – Patient Care Summary Exchange Webinar Recording – August 2010 (http://statehieresources.org/wp-content/uploads/2010/12/Clinical-summary-recording.mp3) • Center of Medicare and Medicaid – Clinical Quality Measures (CQMs) – March 2011 – (http://www.cms.gov/EHRIncentivePrograms/Downloads/ClinicalQualityMeasures101.pdf)