

Mobilizing the HIT Workforce through Education and Training

Midwest Community College
Health Information Technology
Consortium



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SNEAK PEEK



- ARRA IT Professionals in Health Care – Regional Approach
- Midwest Community College HIT Consortium
- Opportunities & Challenges
- Why Is This Exciting
- Normandale's A.A.S in Health IT
- We Need You

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“ITPHCCCCEITPHC”



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Information Technology Professional
in Health Care:

Community College Consortia to
Educate Information Technology
Professionals in Health Care

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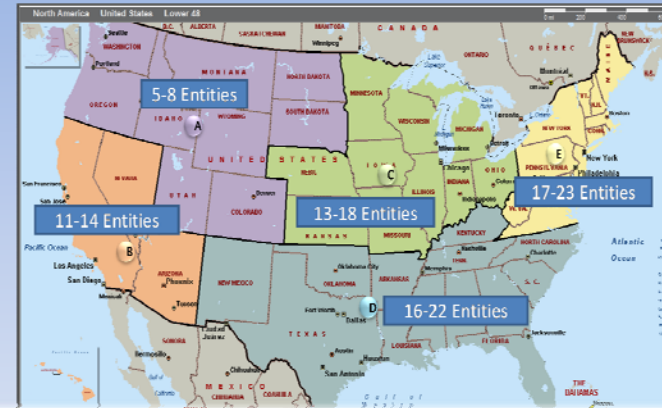
GOAL(s)

- EHR utilization for all Americans by 2014
- Create a skilled workforce to support the adoption of EHRs, exchange of health information, and the redesign of workflows within HC settings to gain the quality and efficiency benefits of EHRs, while maintaining individual privacy and security.

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Information Technology Professional in Health Care: *Community College Consortia to Educate Information Technology Professional in Health Care*

Community College Grant Entities and Population by US Regions



REGIONAL APPROACH

Region	A	B	C	D	E	Total
Census Population	23,171,056	47,460,504	65,115,773	97,020,826	75,669,343	308,437,502
Percentage of National Population	8%	15%	21%	31%	25%	100%
Minimum Students to be Trained Annually	750	1,650	2,250	3,300	2,550	10,500
Target Number of Member Community Colleges	5-8	11-14	13-18	16-22	17-23	70
Funding Allocation	\$6,200,000	\$10,750,000	\$14,650,000	\$21,150,000	\$17,250,000	\$70,000,000

MIDWEST COMMUNITY COLLEGE HEALTH INFORMATION TECHNOLOGY CONSORTIUM

REGIONAL APPROACH

REGION	COLLEGE	AWARD*
A	Bellevue College Bellevue, Washington	\$ 3,364,798
B	Los Rios Community College District Sacramento, California	\$ 5,435,587
C	Cuyahoga Community College District Cleveland, Ohio	\$ 7,531,403
D	Pitt Community College Winterville, North Carolina	\$10,901,009
E	Tidewater Community College Norfolk, Virginia	\$ 8,492,793

*Awards reflect year-one funding only.

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MIDWEST COMMUNITY COLLEGE HEALTH INFORMATION TECHNOLOGY CONSORTIUM

- | | |
|---|--------------------------------------|
| 1. Cincinnati State Technical & Community College | 10. Madison Area Technical College |
| 2. Columbus State Community College | 11. Metropolitan Community College |
| 3. Cuyahoga Community College LEAD INSTITUTION | 12. Milwaukee Area Technical College |
| 4. Delta College | 13. Moraine Valley Community College |
| 5. Des Moines Area Community College | 14. Normandale Community College |
| 6. Johnson County Community College | 15. Sinclair Community College |
| 7. Kirkwood Community College | 16. St. Louis Community College |
| 8. Lansing Community College | 17. Wayne County Community College |
| 9. Macomb Community College | |

17 Member Colleges


WORKFORCE TRAINING

- Rapid implementation (Sept, 2010)
- Short-term training (6 months)
- 6 Defined Work roles
- Degree or non-degree training
- Leads to institutional certificate
- Job placement *or* HIT Role Transition
- Provide workforce for:
 - RECs and other ONC funded programs
 - State and Federal HIE and Public Health agencies
 - HC providers, EHR vendors, Academic institutions...



TRAINING WORK ROLES

- Mobile Adoption Support Positions
 - Practice workflow and information management redesign specialists
 ○ \$91,917 - \$126,914
 - Clinician/practitioner consultants
 ○ \$67,762 - \$98,117
 - Implementation managers
 ○ \$87,500 - \$114,600



TRAINING WORK ROLES

(Mobile Adoption Support Positions continued)

- Implementation support specialists
 ○ \$57,000 - \$85,000
- Permanent Staff
 - Technical/software support staff
 ○ \$44,281 - 59,500
 - Trainers
 ○ \$58,493 - 83,505



WORKFORCE OPPORTUNITIES & CHALLENGES

OPPORTUNITIES:

- Driving labor demand for HIT professionals
- New type of worker will evolve
- Develop HIT Industry Training Program

CHALLENGES:

- ARRA funding opportunities are not in sync
- Finding employment remains a challenge
- Employment gaps very different for rural vs urban
- MN is ahead of the rest of the nation in EHR adoption

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WHY IS THIS EXCITING?



- Blah blah blah **nuclear reaction** blah blah blah
- Coalition: the state of **being combined into one body**
- The combining of images **from the two eyes to form a single** visual percept

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WHY IS THIS EXCITING?



- **Before:** Tools to “support” health care
- **After:** Integrated into health care, no solid start or end point, no distinct separation
- Workers will be trained to reflect this new way of thinking and working
- New jobs, new career transition opportunities, not an industry that is likely to go away

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Health Information Technology

Normandale Community College
Associate of Applied Science in

- 2-year A.A.S degree (could bridge to 4-yr degree)
- High School graduate
- Heavy emphasis on Information Technology courses (PC Architecture, Database Management, Networking, Security...)
- 2 Certificate options
- Courses offered in Fall 2010

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**Normandale
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Continuing Education
& Customized Training

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