



EU*US eHealth Work Stakeholder Event *23 May 2017*



Resources, Tools and Certification in eHealth featuring the TIGER VLE

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Toria (Tori) Shaw, MSW

Manager, Clinical Informatics, HIMSS North America

Joined HIMSS September 2014 (*Chicago Office*)



- TIGER Staff Liaison and lead cat herder
- EU*US eHealth Consortium Team Lead
- Focus on education reform initiatives, international community & workforce development



Learning Objectives

1. Hear about the TIGER (*Technology Informatics Guiding Education Reform*) Initiative & TIGER's Virtual Learning Environment (VLE)
2. Resources in certification offered by the Healthcare Information and Management Systems Society (HIMSS).
3. Identify ways to get involved in this important global initiative.



Healthcare Information and Management Systems Society (HIMSS)

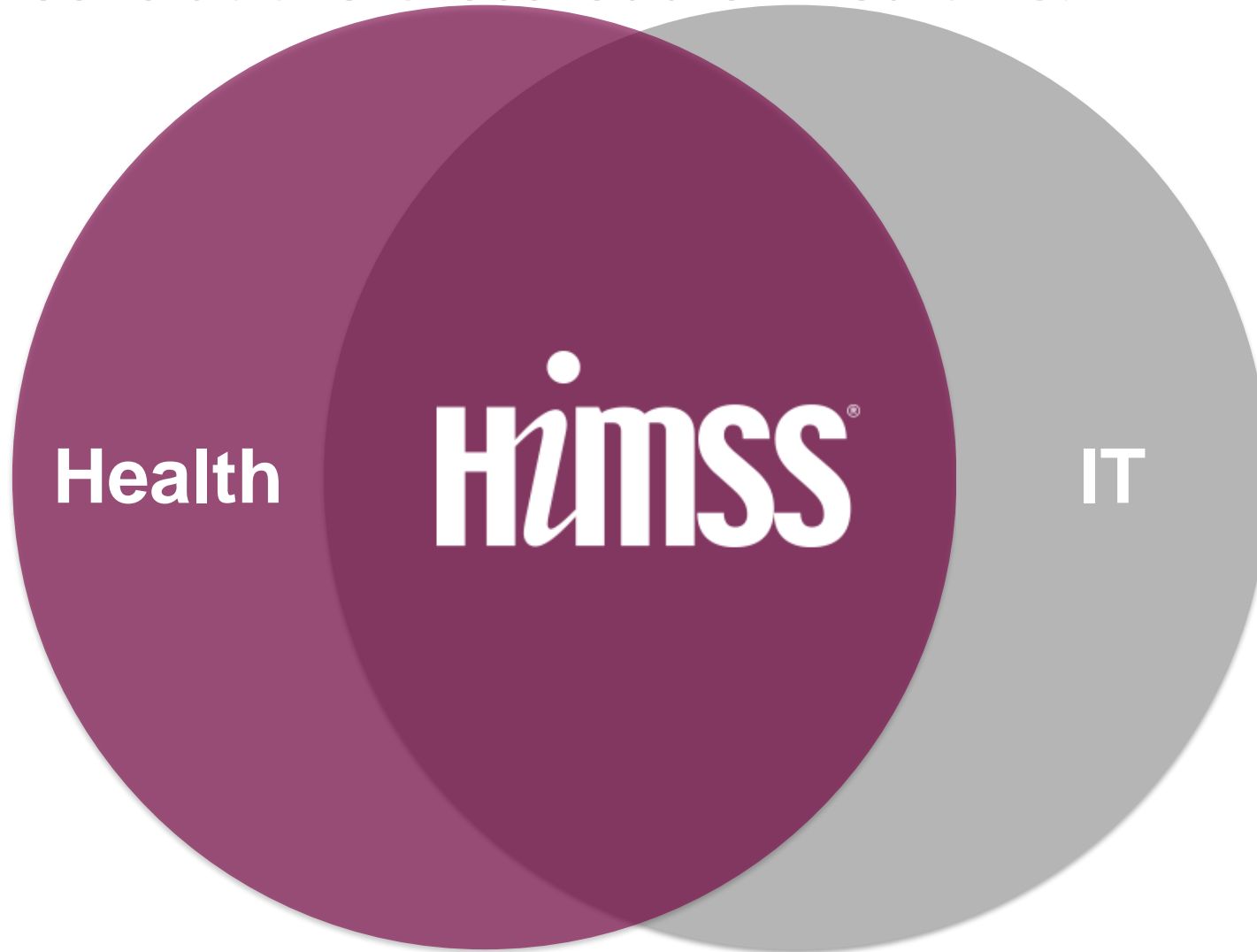
HIMSS is a cause-based, global enterprise producing health IT thought leadership, education, events, market research and media services around the world. Founded in 1961, HIMSS is headquartered in Chicago, serves the global health IT community with additional offices in the United States, Europe, and Asia.

Vision: Better health through information technology

Mission: Globally, lead endeavors optimizing health engagements and care outcomes through information technology.

www.himss.org

HIMSS is at the Crossroad of Health & IT





The HIMSS Ecosystem

HIMSS *North America*

HIMSS *Europe*

HIMSS *Middle East*

HIMSS *Analytics*

HIMSS *Asia Pacific*

HIMSS *Media*



Personal Connected
Health Alliance



In 2017, HIMSS Represents:

65,000+

Individual Members

56,000+

People Educated

20,000+

Volunteers

625+

Corporate
Members

430+

Organizational
Affiliate Clients

420+

Non-Profit
Partner Members

250k+ engaged individuals



What is TIGER (*Technology Informatics Guiding Education Reform*)?

TIGER began as a grassroots initiative in 2006 within the nursing community with the goal of engaging and preparing the nursing workforce to engage with technology and informatics to improve the delivery of patient care.

2012: TIGER International Committee was established

2014: TIGER transitioned to HIMSS under Clinical Informatics



HIMSS TIGER Interprofessional Community

The TIGER Community is led by the HIMSS TIGER Committee which is charged with providing domain expertise, leadership and guidance to activities, initiatives, and collaborations within the interprofessional community.



Mari Tietze, PhD, RN-BC, FHIMSS, Associate Professor, Texas Women's University *Co-Chair*



Victoria Wangia-Anderson, PhD, Program Director/Assistant Professor, University of Cincinnati *Co-Chair*

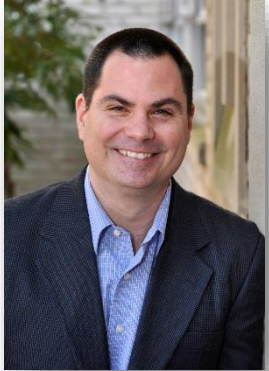
TIGER Interprofessional Community

TIGER Committee

TIGER International Committee

Scholars Workgroup – FY18

TIGER Scholars Workgroup



Chaired by, Dr. Stephen Burrows & liaised by Ruth Schleyer, MSN, RN-BC, Clinical Director of Informatics, Academics & Education, Providence Health & Services

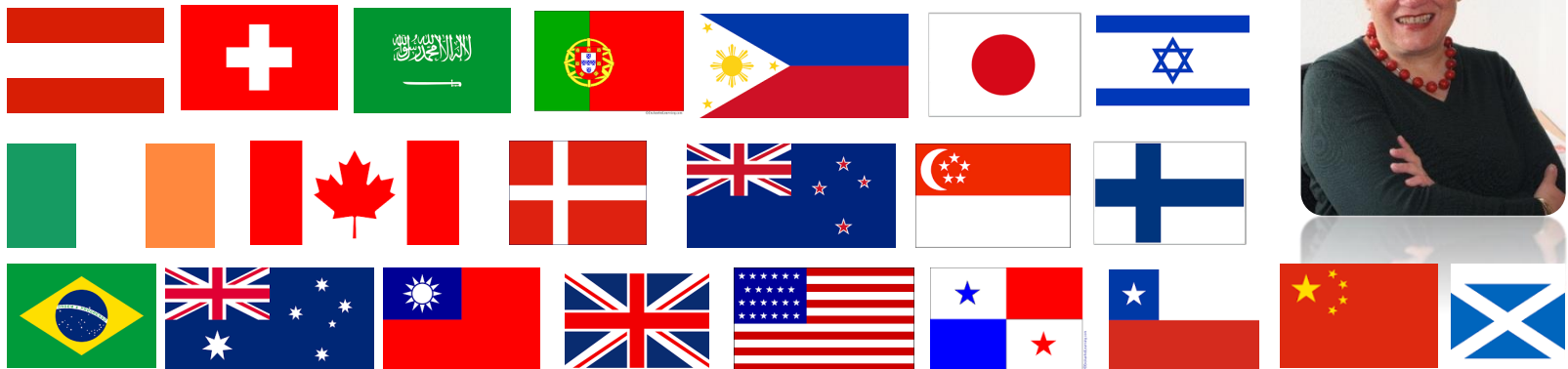
The Scholars Workgroup will provide be a professional community that will inform and enhance current educational practices through:

- A network of like-minded professionals within HIMSS/TIGER for informatics programs
- Sharing of knowledge and best practices to advance the discipline
- Networking with colleagues who share similar opportunities and challenges
- A place to convene, share, and learn about state-of-the-art approaches and best practices in education and training within the academic informatics community.



TIGER International Committee

- Established in 2012
- 24 Countries Represented; 34 Members/Liaisons
 - Australia, Austria, Brazil, Canada, Chile, China, Denmark, Finland, Germany, Iran, Ireland, Israel, Japan, New Zealand, Panama, Philippines, Portugal, Saudi Arabia, Scotland, Singapore, Switzerland, Taiwan, United Kingdom, and the United States
- Chaired by Ursula Hertha Hübner, PhD of Germany



TIGER's International Competency Synthesis Project

- The TIGER International Committee has completed the first two rounds of an innovative competency synthesis project that highlights recommended core international informatics competencies.
- Country specific case studies were collected from Committee members representing Australia, Brazil, China/Taiwan, Finland, Germany (inclusive of Austria & Switzerland), New Zealand, the Philippines, Portugal, Scotland and the US. Additional case studies underway for FY18.
- A survey was deployed to evaluate and prioritize a broad list of core competencies.
- A Recommendation Framework is underway that summarizes case studies and survey data.



TIGER Virtual Learning Environment (VLE)



www.himss.org/tiger




What is the TIGER VLE?


Powered by HIMSS, the VLE is a dynamic and unique one-stop portal for **academic professionals, students, adult learners, and clinical educators**. The VLE contains vetted resources reflective of core International competencies to take you from A to Z in health IT. This personalized learning experience is designed to expand skillset in a self-paced format.

- Easily integrate health IT modules and resources into your curriculum
- Participate in live webinars and access to on-demand webinar archive
- Pilot partnerships and case studies underway to demonstrate how to leverage VLE materials




VLE User Guide


 Virtual Learning Environment



VLE User Guide

 **HIMSS**
transforming health through IT™

Updated 8.12.15



VLE Events Theatre

Home User Guide Resource Library Events Message Board Exit

TIGER Virtual Learning Environment Time displayed in GMT-05:00 Central Time (US & Canada)

Live and Upcoming Events On Demand Events

The ABC's of the TIGER VLE
12/16/2015 12:00PM - 1:00PM
[Add Reminder](#)

The ABC's of the TIGER VLE
12/16/2015 12:00PM - 1:00PM
[Add Reminder](#)

HIMSS

5.0 (0)

[Be the first to write a comment](#)

[ABSTRACT]
Presented by HIMSS, the TIGER Virtual Learning Environment (VLE) is a dynamic and unique created portal for academic professional, students, adult learners, and clinical educators. The VLE contains vetted resources reflective of core Informatics competencies to take you from A to Z in health IT. This personalized learning experience is designed to expand skillset in a self-paced format. See an in-depth demonstration of the environment, learn about the newest offerings, how to navigate with ease and maximize time spent leveraging resources. Presented by Tom Shear, MSW, HIMSS TIGER Staff Liaison, Manager of Clinical Informatics. Moderated by Pamela Moran, RN, MSN, DNP, Chief Nursing Informatics Officer, UMass Memorial Medical Center, TIGER VLE Pilot Partner.

TIGER: Advancing your career through informatics
Become a TIGER today!

Home Message Board Lock Info

Welcome to the TIGER Virtual Learning Environment

VLE Resource Library

The screenshot displays the VLE Resource Library interface. At the top, there is a navigation bar with links for Home, User Guide, Resource Library, Events, Message Board, and Exit. A search bar is located on the right side of this bar. Below the navigation bar, the page is divided into a left sidebar and a main content area.

Left Sidebar:

- Home
- Filter
- Basic Health IT Competencies
 - Getting Started
 - Resources
- Information Literacy
- Information Management
- VLE Resource Index
- VLE Webinar CP-CAHMS Credit Forms

Main Content Area:

The main content area features a "Sort By" dropdown menu set to "Recommended". It lists several resources, each with a "View" and "Save" button, a star rating, and a link to "Be the first to write a comment".

Resource Title	Date	Rating	Comments
Getting Started: Basic Health IT Competencies	02/17/2015	0/5	0 (0)
TIGER Education & Faculty Development Report	02/05/2015	4.3	3
TIGER Informatics Competencies Report	02/05/2015	4	2
Listing of all Recommended TIGER Competencies	02/05/2015	3.7	3
HIMSS Health IT Body of Knowledge Website	02/05/2015	3	3

Each resource entry includes a small icon (PDF or VLE) and a brief description. For example, the "TIGER Education & Faculty Development Report" entry includes the text: "This report analyzes how nursing education must be redesigned to keep up with the rapidly changing technology environment and describes the background, methodology, findings, and recommendations for future work in this area."

At the bottom of the page, there is a footer with the HIMSS logo and tagline "Commit to transforming health through IT.", navigation icons (Home, Message Board, Lock, Information), and the text "Welcome to the TIGER Virtual Learning Environment".

HIMSS Courses Tied to Certificates of Completion

The screenshot displays the HIMSS website interface. At the top, a navigation bar includes links for Home, User Guide, Profile, Resource Library, Courses, Events, and Exit. A dropdown menu is open under 'Courses', showing 'Health IT Foundations' and 'Information Technology in Healthcare'. Below this, a search bar is visible.

The main content area is divided into two sections:

- HEALTH INFORMATION TECHNOLOGY FOUNDATIONS:** This section lists three curriculum units, each marked as 'On Demand' and featuring a 'View Now' button.

Courses	Health Information Technology Foundations: Curriculum Unit 1: Introduction On Demand	View Now
Assessment/Certificate	Health Information Technology Foundations: Curriculum Unit 2: Healthcare Environment On Demand	View Now
	Health Information Technology Foundations: Curriculum Unit 3: Technology Environment On Demand	View Now
- INFORMATION TECHNOLOGY IN HEALTHCARE:** This section lists 11 course modules, each marked as 'On Demand' and featuring a 'View Now' button.

Course Modules	Module 0: Course Introduction On Demand	View Now
Peer Connection	Module 1: Healthcare Environment On Demand	View Now
Assessment/Certificate	Module 2: Healthcare IT Applications On Demand	View Now
	Module 3: Systems Analysis and Design On Demand	View Now
	Module 4: Systems Acquisition On Demand	View Now
	Module 5: Negotiation Process On Demand	View Now
	Module 6: Healthcare IT Strategy and Strategic Planning On Demand	View Now
	Module 7: Project Management On Demand	View Now
	Module 8: Systems Implementation and Support On Demand	View Now
	Module 9: Benefits Realization On Demand	View Now
	Module 10: The Electronic Health Record and e-Health Implementation On Demand	View Now
	Module 11: Privacy and Security: Policies and Principles	



Discover the Benefits of VLE Bulk Subscriptions

TIGER continues to seek partners to *join us on the journey of education reform and workforce development*. To achieve this, we offer VLE subscription discounts for purchases of 10 or more. Partners will be showcased and invited to publish their story of TIGER VLE curriculum adoption through HIMSS international publications -- the HIMSS Blog, *Clinical Informatics Insights*, the *Online Journal of Nursing Informatics* (OJNI) as well as the TIGER landing pages and our bi-weekly newsletter.

Benefits:

- Easily integrate health IT modules, assessments and resources into your curriculum
- Reduced pricing based on 10 or more VLE seats purchased
- Custom VLE demos for staff/students and check-ins as requested



HIMSS Learning Center

The world's leading source of distance learning for eHealth/healthcare IT education <http://www.himss.org/health-it-education/learning-center>

The screenshot shows the HIMSS Learning Center website. At the top, there is a navigation menu with links for Home, Education, HIMSS University, Library, Engage, My Profile, Help, and Exit. A search bar is located on the right side of the menu. Below the navigation is the HIMSS logo with the tagline "transforming health through IT" and the text "Learning Center". The main content area features a banner with two sections: "Learn About the CPHIMS Review Course" with an image of hands pointing, and "Upcoming Events" listing two events: "May 13, 2015: Road to 10: Are You Ready for ICD-10 Transition and Survival?" and "May 14, 2015: Behind the Scenes of an Effective Cost Improvement Program". Below the banner are five colored buttons: "Virtual Events" (blue), "Conference Presentations" (purple), "HIMSS University" (orange), "Digital Library" (green), and "Sponsor Webinars" (red). Each button has a brief description of the content. At the bottom of the page, there are icons for home, chat, a briefcase, and an information icon, along with a message: "First time visiting our site? Click here to learn more about all of the great benefits!"

HIMSSLearn.org

Conference Presentations | Virtual Events | HIMSS University |
Digital Content Library | Community Engagement | Available in 18
languages

HIMSS eHealth/Health IT Certifications

HIMSS administers *two* professional certification programs for healthcare information and management systems:



CAHIMS (Certified Associate in Healthcare Information and Management Systems) is designed for emerging professionals who may or may not have experience within the industry.

CPHIMS (Certified Professional in Healthcare Information and Management Systems) is a professional certification program for experienced healthcare information and management systems professionals.

<http://www.himss.org/health-it-certification>

Overview of CAHIMS



Certified Associate in Healthcare Information and Management Systems (CAHIMS)

- Demonstrating professional knowledge in healthcare information and management systems to potential and current employers
- Establishing a solid foundation that will give you an advantage as you strengthen abilities, acquire more experience and advance your career path
- Use the TIGER VLE to prepare for the CAHIMS examination with the *Health IT Foundation* course.



Who is CAHIMS Certified?

Professional Role

Systems Analyst: 26%	Director; Manager: 22%
Non-Management: 18%	CxO; VP: 14%
Senior Staff/Staff: 10%	Student: 4%
IT/IS Bus. Consultant: 4%	Programmer/Dev: 2%

Work Site

Hospital/Hospital System/Integrated Delivery: 86.6%
Academic Ed Institution: 7.7%
Vendor: 3.8%
Long Term Fac: 1.9%

Overview of CPHIMS

Certified Professional in Healthcare Information and Management Systems (CPHIMS)

Demonstrating you meet an international standard of professional knowledge and competence in healthcare information and management systems



Showing a commitment to continuing professional development



Increasing your credibility with your employer



Enjoying a sense of personal and professional achievements





Who is CPHIMS Certified?

Professional Role

CxO; VP: 39.3%

IT/IS, Bus Consultant: 12%

Dir; Mgr: 14.4%

Sys Analyst: 9.4%

Project Mgr: 9%

Senior Staff/Staff: 6.9%

Nurse: 2.5%

Prof/Educator: 2.5%

Other: 4%

Work Site

Hospital/Hospital System/Integrated delivery: 50.5%

Healthcare Consulting Firm: 17.1%

Vendor: 8.6%

Other: 8.6%

Fed/State/Local Gov't: 8.5%

Academic Inst.: 4.6%

Payer/Insurance: 2.1%

Questions Related to Applying or Scheduling the Exams?

If you have a specific question related to either applying or scheduling the CPHIMS or CAHIMS exams, please contact our Certification program staff:

Phone: +1.703.722.0580

Email: certification@himss.org



European Certifications



The European Federation of Medical Informatics (EFMI) is currently developing a reference scheme for biomedical and health information (BMHI) credentialing and certification. This include:

- Implementing educational programs
- Evaluation and accreditation of programs
- And finally, certification of users in BMHI knowledge and skills as outlined below:
 - to foster the accreditation process of BMHI programs in Europe
 - to explore the process of certification of knowledge and skills of users in BMHI
 - And more



Ways to Get Involved with HIMSS & TIGER

Interested in getting involved with this dynamic network?

- HIMSS membership is not required to get involved with TIGER
- HIMSS Annual Call for Committee Volunteers
- Sign up for the TIGER listserv: tiger@list.himss.org
- TIGER VLE Webinar Series
- HIMSS.org Blog





One person can make a difference and
everyone should try.

John F. Kennedy



спасибо 谢谢
GRACIAS
THANK YOU
ありがとうございました MERCI
DANKE धन्यवाद
شُكراً OBRIGADO

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