



The T.I.G.E.R. Update

Facilitating collaboration among participating organizations to achieve the TIGER vision

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HIMSS Nursing Task Force

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TIGER Vision

- Allow informatics tools, principles, theories and practices to be used by nurses to make healthcare safer, effective, efficient, patient-centered, timely and equitable
- Interweave enabling technologies transparently into nursing practice and education, making information technology the stethoscope for the 21st century

TIGER Mission

Engage *all stakeholders* to take action to transform nursing education

- *Nursing Professional Organizations*
- *Academic Institutions*
- *Healthcare Delivery Organizations*
- *Information Technology Vendors*
- *Government and Policy Makers*
- *Health information management professionals and health sciences librarians*

Nursing Focus

- Nearly 3 million practicing nurses in the U.S.
- More than 55% of all health care workers
- Nurses are knowledge workers

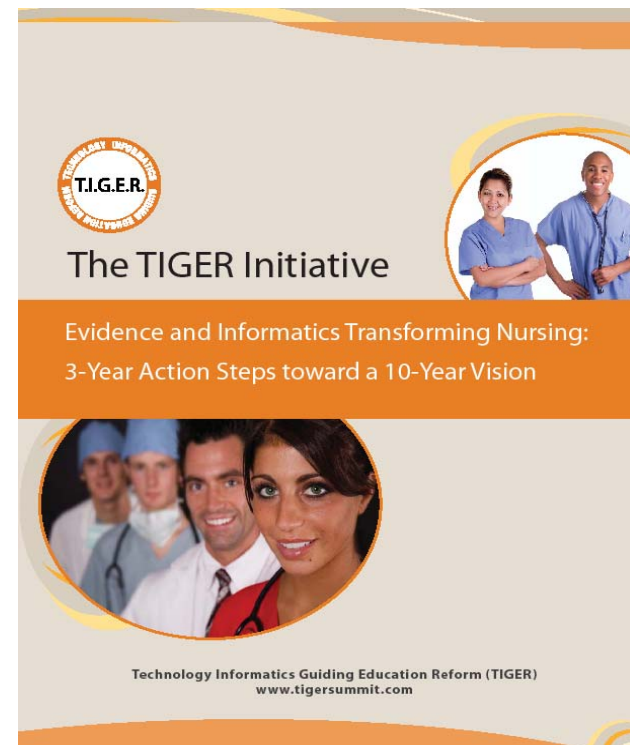
There is no aspect of our profession that will be untouched by the informatics revolution in progress

TIGER Goals

- Individual nursing organization will develop collaborative action plans to increase the knowledge and skills of nurses to practice in an informatics rich and consumer centric health care environment
- Identify organizations or partnerships that can help them accomplish their action plans
- Agree to commit a point person who will respond to evaluation surveys and reporting mechanisms

Summit Report

- Executive Summary
- The 3-Year Action Plan
- Background
- Case Studies
- Recommendations
- Summit Participants
- Available at
www.tigersummit.com



Aligning TIGER-related activities

- Formalize activities/action steps into collaborative TIGER Teams (9 identified)
- Better leverage the activities of participating organizations to gain momentum and market strength
- Enable additional organizations and individuals to join the TIGER activities
- Define measurable outcomes of each collaborative team
- Provide the infrastructure and support to facilitate the development and dissemination of the activities of the collaborative

Phase II – TIGER Activities

- Identify which organizations/individuals will participate in each collaborative
- Obtain additional funds to support collaborative activities
- Initiate monthly conference calls with each collaborative
- Identify collaborative chair or co-chair positions
- Develop work plan and measurable outcomes for each collaborative

Phase II – Collaborative Outcomes

Work plan and measurable outcomes for each collaborative, to include:

- An inventory of existing resources
- Identify and obtain access to constituent targets
- Two educational web-based audio conferences
- One national conference presentation
- A comprehensive white paper-type document
- Define topic-specific evaluation criteria
- Submit articles for publication and dissemination amongst broader TIGER audience

9 Collaborative TIGER Teams

1. Fully Engage in the Health Information Technology (HIT) Standards and Interoperability Development
2. Fully Engage in the National Healthcare IT Agenda – specifically working with the Office of the National Coordinator
3. Create Comprehensive Informatics Competencies for All Areas of Nursing
4. Reform Educational Curriculum, Faculty and Program Development
5. Create Innovative and Effective Staff Development/Continuing Education Programs
6. Improve Clinical Applications Used by Nurses
7. Create a Demonstration Gallery/Center to Showcase Best Practices
8. Engage and Support Nursing Leadership
9. Engage and Support Healthcare Consumers

1. HIT Standards – suggested activities for TIGER workgroup:

- Identify the most relevant HIT standard setting efforts that are important to the TIGER mission.
- Assess whether there is adequate representation/input of the TIGER mission/perspective on said efforts.
- Take action to close gaps that exist.
- Communicate the existence and importance of HIT standards and initiatives to the broad nursing community.
- Create tutorials on standardizing data elements, implementing electronic health records, using nursing terminology, and using evidence-based practice tools.

2. Fully Engage in the National Healthcare IT Agenda :

(Specifically working with the Office of the National Coordinator)

- Identify the most relevant HIT agendas and policies that are important to the TIGER mission.
- Assess whether there is adequate representation/input of the TIGER mission/perspective on said policy issues.
- Take action to close gaps that exist.
- Communicate the existence and importance of the National HIT agenda and policies to the broad nursing community.

3. Create Comprehensive Informatics Competencies for All Areas of Nursing:

- Harmonize and set informatics competencies for all levels of nursing education: nursing assistants, associate degree, diploma, undergraduate and graduate.
- Harmonize and set informatics competencies for nursing practice.
- Advocate for and support adding informatics competencies into nursing specialty certifications.
- Include informatics competencies in the scope and standard statements (and like documents) of nursing specialties.

(Note: informatics competencies are to include information literacy and effective use of information resources.)

4. Reform Educational Curriculum, Faculty and Program Development:

- Use the informatics competencies, theories, research and practice examples throughout nursing curriculums.
- Create programs and resources to develop faculty with informatics knowledge, skill and ability and measure the baseline and changes in informatics knowledge among nurse educators and nursing students.
- Develop a task force to examine the integration of informatics throughout the curriculum.
- Improve and expand existing Nursing/Clinical/Health Informatics education programs.
 - Encourage existing Health Services Resources Administration Division of Nursing to continue and expand their support for informatics specialty programs and faculty development.
 - Encourage foundations to start programs that provide funding for curriculum development, research, and practice in nursing informatics and IT adoption.
- Develop strategies to recruit, retain, and train current and future nurses in the areas of informatics education, practice, and research.
- Collaborate with industry and service partners to support faculty creativity in the adoption of informatics technology and offer informatics tools within the curriculum.

5. Create Innovative and Effective Staff Development/Continuing Education Programs:

- Create educational resources and affordable programs within the practice setting that foster IT innovation and adoption.
- Create competency-based, cost-effective staff development and continuing education programs and training strategies specifically for informatics knowledge, skill and ability.
- Improve and expand existing Nursing/Clinical/Health Informatics education programs by collaborating with industry, service and academic partners to support and enhance the use of technology and informatics in practice.

6. Improve Clinical Applications Used by Nurses:

- Capable of interoperating with other systems
- Support for standardized terminologies
- Support evidence-based practice
- Enables collaborative and interdisciplinary care
- Informed by and/or positively transforms nursing workflows
- Systems designed using principles of human factors
- Provide seamless access to published literature, knowledge
- speed the translation of research into practice
- Support the creation of new knowledge
- Work with system developers to maximize clinical system effectiveness and efficiency for nurses.

7. Create a Demonstration Gallery/Center to Showcase Best Practices:

- Nurse informaticians AND nurse non-informaticians will jointly or individually share informatics lessons, best practices, results of research, case studies etc. at conferences, meetings, workshops, via web casts and other dynamic communication mechanisms whose primary participants are non-informaticians.
- Nurse informaticians AND nurse non-informaticians will jointly or individually share informatics lessons, best practices, results of research, case studies etc. by writing articles for publication and postings to internet sources whose primary intended readers are *non-informaticians*.
- Create and maintain a speakers/authors bureau of informatics speakers/authors.
- Highlight informatics capabilities at national conferences and workshops, and via experiential offerings, e.g., vendor cafes, demonstration sites, gallery walks, etc.
- Create public and private financial incentives that support the adoption of innovative technologies and evidence-based practice.
- Fund efforts to demonstrate how integrated IT systems impact nurses and the quality and safety of patient care.

8. Engage and Support Nursing Leadership:

A relatively small investment of TIGER effort with nursing leaders will be multiplied many times due to the leaders' power and influence in their organizations and the profession.

- Develop programs for nurse executives that stress the value of information technology and empower them to use IT knowledgeably, giving the leaders of the profession a strong and identifiable voice.
- Facilitate nursing leadership to understand, promote, own, and measure the success of IT projects.

9. Engage and Support Healthcare Consumers:

Consumers are becoming more empowered healthcare participants. Informatics can mediate consumers drive for improved health and healthcare as well as broker the relationship between nurse and client.

- Establish efforts to develop health information literacy with the public and healthcare consumers.
- Work with Personal Health Record (PHR) advocates and developers to optimize PHRs as they relate to nursing.

Questions

