The T.I.G.E.R. Initiative

Co-Facilitators:
Nancy Staggers
Michelle Troseth

October 31, 2007

1 p.m. (Eastern)

Measurable Outcomes for Each Collaborative Team

1. Definition, scope, success criteria, and timeline for deliverables (1 year)

2. Inventory and analysis of existing resources (e.g., literature review, subject matter experts, publications, programs, etc.)

3. Identification and access to resources and constituent targets

4. Educational web-based audio conferences (target = 2)

5. Conference presentations (e.g., AONE, AWHONN, AACN, NONPF, ARN, NADONA, etc.)

6. Comprehensive white paper-type document (modeled after TIGER Summary Report)

7. Articles for publication and dissemination amongst broader TIGER audience

8. Chapter in the 4th Edition of the Nursing Informatics Series *Where Caring and Technology Meet*

Timeline of our TIGER Collaborative Team Activities (1 year)

- **Phase I** – Information Gathering (September – November)
  - Information gathering of examples, case studies, literature review, etc. – The intent is to collect a wide range of models and information—not to analyze.
- **Phase II** – Analysis of Data/Identification of Gaps (Dec – February)
  - Complete analysis of findings
  - Create summary of findings, gap analysis, and develop initial recommendations
- **Phase III** – Develop a preliminary set of recommendations that includes a dissemination strategy (March – June)
- **Phase IV** – Final Report/Toolkit Preparation (July – September)

Usability & Clinical Application Design – Goals/Objectives

- Design requirements and/or goals
  - Support evidence-based practice
  - Enables collaborative and interdisciplinary care
  - Provide seamless access to published literature, knowledge
  - Support the creation of new knowledge (knowledge discovery requirements)
  - Speed the translation of research into practice
  - Supports the continuum of care
- Usability requirements and/or goals
  - Informed by and/or positively transforms nursing workflows
  - Identify key criteria for workflow to integrate with other disciplines
  - Systems designed using principles of human factors
  - Work with system developers to maximize clinical system effectiveness and efficiency for nurses

Next Steps for Participants:
Sign up to actively participate in a workgroup

1. Collect a list of pertinent references
   - Usability
   - Clinical Application Design

2. Collect case studies and examples that illustrate usability/clinical application design from your experience/environment
   - Exemplars (good, replicable examples)
   - Lessons to be learned (bad examples that can help to inform others what to avoid)

3. Summarize recommendations for:
   - Highly usable applications
   - Good clinical application design

4. Develop recommendations for vendors and providers for usability and good clinical application design

5. Develop a usability/clinical application "toolkit" for healthcare providers and organizations

Work Group #1

1. Collect a list of pertinent references
   - Usability
   - Clinical Application Design
2. WG leader – Kathleen Smith
3. List of participants to date
   1. Donna Bailey
   2. Nicole Barker
   3. Kandis Gillis
   4. Vicki Morgan-Cramer
   5. Troy Seagondollar
   6. Brian Stever
4. First meeting will be Monday, November 5, at 10 a.m. Eastern Time/7 a.m. Pacific

Work Group #2

1. Collect case studies and examples that illustrate usability/clinical application design from your experience/environment
   - Exemplars (good, replicable examples)
   - Lessons to be learned (bad examples that can help to inform others what to avoid)
2. WG Co-Leader – Denise Tyler; Need co-leader volunteer
3. List of participants to date
   1. Janey Barnes
   2. Peggy Esch
   3. Angela Lewis
   4. Tim O'Connor
   5. Tonya Pagel
   6. Nancy Robinson
   7. Patti Rogers
   8. Lee Stabler
4. First meeting will be Monday, November 5, at 2 p.m. Eastern Time/11 a.m. Pacific Time

Work Group #3

1. Summarize recommendations for:
   - Highly usable applications
   - Good clinical application design
2. This team will start in February 2008 (will be based on the material collected from WG1 and WG2)
3. Identify WG leader
4. List of participants to date
   1. Donna Bailey
   2. Christine Gamlen
   3. Maria Hendrickson
   4. Pamela Manselle
   5. Brian Stever

Work Group #4

1. Develop recommendations for vendors and providers for usability and good clinical application design
2. This team will start in March 2008 (will be based on the material collected from WG1, WG2, and WG3)
3. Identify WG leader
4. List of participants to date
    1. Penny Dodson
    2. Constance Johnson
    3. Stephanie Rogers
    4. Cindy Struk
    5. Susan Vaughn
    6. Shirley Woodhead

Work Group #5

1. Develop a usability/clinical application "toolkit" for healthcare providers and organizations
2. This team can start identifying toolkit ideas now and continue to refine as each WG shares their work
3. Identify WG leader
4. List of participants to date
    1. Donna Bailey
    2. Susan Conaty-Buck
    3. Maggie Cox
    4. Joleen Frank
    5. Tonya Pagel
    6. Wanda Rodriguez
    7. Stephanie Rogers
    8. Kathleen Sanford
5. Schedule first meeting date/time

Post all Case Studies/Examples on Wiki

- http://tigerusability@pbwiki.com

- Access wiki to edit with the following passcode: tiger6

- If any difficulty uploading examples, please email to usability@tigersummit.com

Team Communication

- Website www.tigersummit.com

- Email workgroup preference to usability@tigersummit.com

- Email facilitators:
  - Michelle@tigersummit.com
  - Nancy@tigersummit.com

- Next full team meeting: November 28, 2007
  - Monthly on 4th Wednesday of the month
  - 1 p.m. Eastern/12 noon Central/11 a.m. Mountain/10 a.m. Pacific