

► The NEXT STEPS:  
ENDORSED ORGANIZATIONS RESPOND!  
JEAN JENKINS, PHD, RN, FAAN 1 AND 3

○ ISSUE 2 | ○ VOLUME 2 | ○ YEAR 2008



► INTEGRATING GENETICS AND GENOMICS INTO A  
SENIOR LEVEL ONLINE COURSE  
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# Competency *focus*

UPDATING THE NURSING COMMUNITY ON THE IMPLEMENTATION OF THE ESSENTIAL NURSING COMPETENCIES AND CURRICULA GUIDELINES IN GENETICS AND GENOMICS.

*Each of the 49 nursing organizations have been working towards some of the four goals of the Strategic Implementation Plan. LOTS work remains to be done, but progress has been made towards achieving each goal.*

## The Next Steps: Endorsing Organizations Respond!

Forty-nine organizations have endorsed the *Essential Nursing Competencies and Curricula Guidelines for Genetics and Genomics* since they were agreed upon by consensus within the nursing community 2005. Since published, in addition to the mailings to the endorsing organizations, Schools of Nursing, and the State Boards of Nursing, there have been 297 requests for copies of the document. In June 2006 a letter was sent requesting feedback on actions of each organization post endorsement. Additional follow-up calls were made to gather further information about current efforts, planned strategies, and desired resources. Presented here is a summary of reports from 32 responders. This is a beginning – there is still a lot more we can and need to do. Thanks to each of you who were willing to share what's working for your organization - now others can learn from and join in your efforts! If you wish to submit any additional updates, please do and we will include it in the next newsletter. [Jean.Jenkins@nih.gov](mailto:Jean.Jenkins@nih.gov)

### CURRENT ACTIVITIES

#### **Announcement to Membership**

(i.e., flyer at meeting)

Academy of Med Surg Nursing  
National Nursing Staff Development Org

#### **Appointed a Liaison/Point Person/Steering Group To Coordinate Activities**

National Nursing Staff Development Org  
Oncology Nursing Society  
(further planning 2008)

#### **Credentialing Recognition**

American Nurses Credentialing Center  
(Mayo Clinic Magnet Status 2005)  
Oncology Nursing Society/Certification Corp.

#### **Hosted Meeting to Develop Plans/Resources**

American Nurses Association  
Competencies; Strategic Planning 9/06  
American Assoc Colleges of Nursing  
Faculty Toolkit Meeting 9/14/07

#### **Included as Part of Their Membership Resources**

Genetic Alliance  
Hospice & Palliative Nurses Assoc  
National Nursing Staff Development Org.

#### **NCHPEG Member /Send Meeting Representative**

Academy of Neonatal Nursing  
American Nurses Association  
ISONG  
Sigma Theta Tau

#### **Policy Response**

American Assoc Occupational Health Nurses  
American Nurses Association  
ISONG

#### **Position Statements**

American Assoc Occupational Health Nurses  
ISONG  
Oncology Nursing Society

#### **Posted Competencies on Website**

American Assoc Colleges of Nursing  
American Assoc Occupational Health Nurses  
American Nephrology Nurses Assoc  
American Nurses Association  
Association of Women's Health, Obstetric & Neonatal Nurses  
Council of International Neonatal Nurses  
Developmental Disabilities Nurses Assoc  
ISONG  
National Nursing Staff Development Org  
National Organization of NP Faculties  
Sigma Theta Tau

#### **Presentations at Annual Meetings**

Academy of Neonatal Nursing  
American Assoc Occupational Health Nurses  
American Nurses Credentialing Center  
Association of Women's Health, Obstetric & Neonatal Nurses  
Council of Cardiovascular Nursing  
Developmental Disabilities Nurses Assoc  
Genetic Alliance  
ISONG  
Nat Assoc of Neonatal Nurses  
Nat Coalition of Ethnic Minority Nurses  
National Nursing Staff Development Org  
Oncology Nursing Society  
Pediatric Endocrinology Nursing Soc  
Philippine Nurses Assoc of America  
Sigma Theta Tau  
Soc of Pediatric Nurses  
Soc of Urologic Nurses

#### **Continuing Education**

Association of Women's Health, Obstetric & Neonatal Nurses  
Emory University  
National Association of Neonatal Nurses  
Oncology Nursing Society

#### **Supported Staff to Attend CE**

Emory University  
(GIFT Program/Duke)

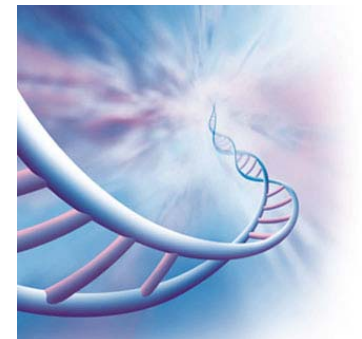
#### **Curriculum Inclusion**

Emory University  
Johns Hopkins School of Nursing

#### **Invited Testimony**

American Assoc Colleges of Nursing  
Essentials Baccalaureate Nursing  
ISONG  
SACGHS

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# SPOTLIGHT



## Integrating Genetics and Genomics into a Senior Level Online Course

JULIET T. BURGESS, MSN, RN  
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School of Nursing, University of LA at Monroe

Report from the University of Louisiana at Monroe

The School of Nursing at the University of Louisiana at Monroe uses an online course for seniors to explore current trends and issues including the area of genetics and genomics. This course is two credit hours and taken currently with theory and practicum courses for leadership and community health. The course is comprised of modules that are explained in a syllabus that outlines course requirements, assignment dates, and grading rubrics. Students are provided brief lecture notes, definitions, and suggested web links. Modules require students to present information to the discussion board for classmates to read. Responses are required and thus there is active interaction and exchange of information.

**Module 1:** Choose a topic of interest with a genetic or genomic implication.

- Explore a factor affecting their family, an area of interest previously encountered in clinical, or an area that is totally unknown to them.

- Students submit topic request to the faculty member and receive an approval or suggestions.
- No two students are allowed the same topic.
- What information is known in relation to the topic?
- A summary of the interview is posted to the discussion board of the course.

**Module 2:** Exploration of the genetic trait or genomic event's implication to nursing.

**Module 3:** Exploration of the genetic trait or genomic event's pros and cons for acknowledging the trait or event.

**Module 4:** Exploration of the genetic trait or genomic event's issues of

- Legalities and ethics;
- HIPAA and disclosure to others;
- Cost and treatments; and
- Evidence based practice associated with any area of treatment or counseling.

**Module 5:** Students interview a health care professional regarding their topic to

- Discover what is occurring in practice and

Students have the greatest difficulty in adjusting to self discovery rather than being taught information by a faculty member. This format allows students to explore and develop skills for life-long learning as they put together information from previous courses, develop critical thinking skills related to legal and ethical issues, and realize how important genetics and genomics are in providing care to patients.

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## DO YOU NEED A COPY OF THE COMPETENCIES?



ESSENTIAL NURSING COMPETENCIES  
AND CURRICULA GUIDELINES  
FOR GENETICS AND  
GENOMICS

Established by Consensus Panel,  
September 21-22, 2005

Download Today at:

<http://www.genome.gov/Pages/Careers/HealthProfessionalEducation/geneticscompetency.pdf>



## COMPETENCY WATCH

Implementing the Competencies is similar to gardening, requiring care and nurturing to help the initiative grow. Where can your expertise be utilized?

**Baccalaureate Essentials Regional Meetings – Draft Document to be posted August 1.**

Be sure the Competencies don't get lost in the sea of competing demands. Participate in the upcoming Baccalaureate Essentials Regional Meetings. Revision of the Essentials occurs after EACH meeting. The Baccalaureate Essentials Task Force has planned two more regional meetings in March and April 2008. The focus of these meetings will be to provide the opportunity for stakeholders to review and provide feedback regarding the draft Baccalaureate Essentials document including the end-of-program competencies for baccalaureate nursing education. AACN member institution representatives, faculty, practice partners, and representatives of other healthcare and education organizations are invited to attend. **MAKE YOUR VOICES HEARD!**

Baccalaureate Essentials Regional Meeting Dates and Locations:

Nashville, TN	March 13-14, 2008	Hilton Nashville Downtown
Boston, MA	April 24-25, 2008	Royal Sonesta Boston (Cambridge)

<http://www.aacn.nche.edu/BACEssentMtg.htm>

## Resource Highlight



The Genetics Education Program for Nurses (GEPN) at Cincinnati Children's Hospital Medical Center offers genetics educational opportunities and resources for nurses.

### The Genetics Education Program for Nursing

This program includes education for nurses as well as nursing faculty. The Genetics Program for Nursing Faculty offerings consisted of:

- ▶ Seven annual on-site Genetics Summer Institutes (GSIs)
- ▶ Web-Based Genetics Institute (WBGi)
- ▶ Participant follow-up, educational support, and networking opportunities. A two-day genetics update workshop offered every two years

Check out the educational opportunities at: <http://www.cincinnatichildrens.org/ed/clinical/gpnf/>

## Publication Update

- Bell, D., Pestka, E. L., & Forsyth, D.M. (2007). Outcomes evaluation: Does continuing education make a difference? *J of Cont Educ in Nursing*, 38:4, 185-190.
- Jenkins, J., Calzone, K.A. (2007). DNA and you. *Reflections on Nursing Leadership*, 33, 1
- Calzone, K., & Jenkins, J. (2007). Establishing and Implementing the Essential Nursing Competencies and Curricula Guidelines for Genetics and Genomics. *J Radiol Nurs*, 26:3, 103-104.
- Calzone, K., Jenkins, J., & Rust, J. (2007). Establishing and Implementing the Essential Nursing Competencies and Curricula Guidelines for Genetics and Genomics. *Clinical Nurse Specialist*, 21:5, 265-266.
- Lewis, J., Calzone, K., & Jenkins, J. (2006). Essential Nursing Competencies and Curricula Guidelines for Genetics and Genomics. *MCN*, 31:3, 146-153.
- Pestka, E.L., Hale, A.M., Johnson, B.L., Lee, J.L., & Poppe, K.A. (2007). Cytochrome P450 testing for psychiatric patients. *J of Psychosocial Nursing and Mental Health Services*, 45:10, 15-18.
- Accepted for publication:**
- Pestka, E.L. (in press). Are you using genomics in your nursing practice? *J Amer Psych Nurses Association*.
- Pestka, E.L. (in press). Education on including genomics in nursing practice. *Amer J of Nursing*.

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## CURRENT ACTIVITIES Continued

### Publications

#### Journal Articles

Academy of Neonatal Nursing  
 American Association of Occupational Health Nurses  
 Association of Women's Health, Obstetric & Neonatal Nurses  
 Clinical Nurse Specialists  
 Developmental Disabilities Nurses Association  
 Oncology Nursing Society  
 Radiological Nurses  
 Sigma Theta Tau

#### Newsletter

Academy of Med Surg Nursing  
 Academy of Neonatal Nursing  
 American Assoc Colleges of Nursing  
 American Nephrology Nurses Assoc  
 Developmental Disabilities Nurses Association  
 National Nurse Staff Development Org  
 Sigma Theta Tau

#### Book Chapter

American Nephrology Nurses Assoc

#### Books

ISONG  
 Genetics & Genomics Nursing: Scope and Standards of Nursing Practice, 2007  
 Oncology Nursing Society  
 Revision to Genetics in Oncology Practice in process

#### Research

ISONG  
 Two grants in genetics awarded in 2007

Society of Urologic Nurses  
 Young investigator award

#### Special Interest Group on Genetics

American Academy of Nursing  
 Oncology Nursing Society

#### PLANNED ACTIVITIES

##### Genetics Addition to Resource Manual

Pediatric Endocrinology Nursing Society

##### Task Force to Coordinate Activities

Association of Women's Health, Obstetric & Neonatal Nurses

National League for Nursing

##### Educational Standards Revision

National Assoc of Neonatal Nurses  
 National Nursing Staff Development Org

##### Funding Exploration

American Academy of Nursing  
 Sigma Theta Tau

##### Policy

American Academy of Nursing  
 ISONG

##### Position Statements

American Academy of Nursing  
 American Nurses Association  
 ISONG

##### Presentations at Annual Meetings/Other Forums

American Assoc Occupational Health Nurses  
 American Nephrology Nurses Association  
 Developmental Disabilities Nurses Association  
 Genetic Alliance  
 National Coalition of Ethnic Minority Nurses  
 National Nursing Staff Development Org  
 Sigma Theta Tau  
 Society of Pediatric Nurses  
 Society of Urologic Nurses

## Continuing Education

American Nurses Association  
 Association of Women's Health, Obstetric & Neonatal Nurses  
 Developmental Disabilities Nurses Assoc  
 ISONG

## Curriculum Inclusion

Southern Regional Education Board-DNP Courses

## Poster

Academy of Neonatal Nursing  
 Society of Gastroenterology Nurses

## Publications

### Journal Articles/Special Issue

American Nurses Association (OJIN, 2008)  
 Society of Gastroenterology Nurses

### Books

ISONG  
 Genetics & Ethics, in press

### Genetics Column in Journal

Academy of Neonatal Nursing  
 American Nurses Association

### Consumer Focused Publication

Association of Women's Health, Obstetric & Neonatal Nurses

### e-News Monthly Synopsis To Include Updates

Association of Women's Health, Obstetric & Neonatal Nurses

### Research

American Nurses Association  
 Survey of nurses in practice

### Resource Development

American Association of Colleges of Nursing  
 Faculty Toolkit  
 ISONG  
 Genetic/Genomic monograph series

## Conference Update



## Featured Books

**21st Annual ISONG CONFERENCE**  
 NOVEMBER 8-11, 2008  
 SHERATON SOCIETY HILL, PHILADELPHIA, PA USA

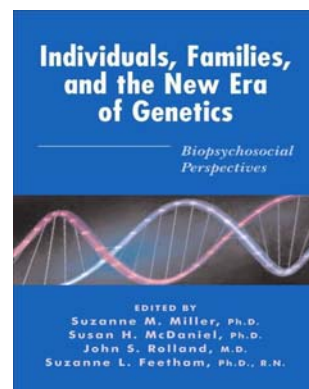
**NURSING REVOLUTION IN GENOMICS: UNITING RESEARCH, EDUCATION & PRACTICE**

### Selected as AJN 2007

#### Book of the Year in 5 Categories

- ▶ Community Public Health
- ▶ Maternal Child Nursing and Childbirth
- ▶ Medical/Surgical Nursing
- ▶ Professional Development and Issues
- ▶ Psychiatric Mental Health Nursing

Available from Norton Publishers



### Genomics in Nursing Healthcare, eBook. 2007

This compiled series includes collections of the most recent and relevant articles on the topic previously published in the periodicals of the honor society over the past five years.

Available from Sigma Theta Tau

<http://www.nursingknowledge.org/Portal/main.aspx?pageid=36&sku=68284>