



Overview of Academia and Genetics/Genomics Competency

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***Sooner Nursing: Integrity, Compassion,
Excellence***

Essential Competencies

- Getting the word out about the Competencies (i.e., schools of nursing)
- Focus Groups using AACN model-regionally done
 - Gets at barriers and opportunities for integration into education and practice
- How should the competencies be integrated?

Solutions Needed

- Insufficient genetics knowledge base of most nursing faculty
 - Limited numbers of faculty and administrators of programs who view genetics as relevant
 - Perceived inability to add more content
- (Prows, C. et al, 2005. JNS 37(3), 196-202)

Curriculum

- Why should I care?
- I cannot teach one more thing
- Reframe from add on to essential foundational knowledge
- Use Case Based Approach
- Integrate into simulation cases
- Must have easy to use resources

Faculty

- Widely disseminate information about resources
 - Faculty experts
 - Programs to upgrade skills
 - Drop in content-ready to use, copyright free or hassle free
 - Faculty champions

Barriers

- Faculty acceptance
- Faculty knowledge
- Perceived need to add content rather than reframe
- Perceived need to lengthen programs
- No incentives to integrate (i.e., funding)
- Keeping up to date on advances

Licensure

- Examinations at basic and advanced levels have added a few genetic based content since Monsen's 1984 survey
- Needs to get integrated into the blueprints of these examinations
- Get more genetic experts on these test committees

Exemplars

- **GPNF (Genetics Program for Nursing Faculty)
Curriculum Genetics Across the Lifespan (Georgia
State University (elective))**
www.cincinnatichildrens.org/ed/clinical/gpnf/curriculum/georgia.htm
- **Madisonville Community College Selected Topics in
Nursing: Genetic Diseases**
www.cincinnatichildrens.org/ed/clinical/gpnf/curriculum/madisonville.htm
- **Cincinnati Children's Training/Educational modules**
<http://www.cincinnatichildrens.org/ed/clinical/gpnf/>

Exemplars (continued)

- Synopsis of Curricular Change Activities
Web-Based Genetics Institute 2002
(GPNF=Genetics program for nurse faculty)

<http://www.cincinnatichildrens.org/educational/gpnf/curriculum/synopsis/>

Next Steps

- Determine critical success factors
- Use GPNF as springboard
- Run regional focus groups within next 12-18 months
- Partner with academic associations to determine barriers and opportunities for integration
- Development of resources