CONCLUSIONS
More training is warranted for nursing faculty so they are knowledgeable and comfortable with genetic/genomic topics to prepare future generations of nurses to address the public's health, and to be comfortable with advanced technologies.

BACKGROUND
Nurses must be knowledgeable in current scientific discoveries related to health care in order to practice effectively. Recent genomic advances include novel drug therapies, more nuanced reproductive counselling and reproductive options, enhanced risk assessment, and expanded clinical laboratory testing. Genomic discoveries are expected to transform future health care and nurses are 'key' to this transformation. The shift to precision health care makes it clear that genomics must be fully integrated into nursing curricula. Nursing faculty continue to have low comfort and knowledge levels with teaching genetics/genomics (Maradiegue, Edwards & Seibert, 2013; 2014). Although most nurses agree that genomics is important, integration into education programs is inconsistent across the globe, even though credentialing and genetic nursing education is available in programs in the United States, Canada, Japan, the United Kingdom, Canada, Japan, South America, Australia, New Zealand, Israel and others (Thompson & Brooks, 2011).

PURPOSE
To provide nursing faculty with strategies and resources to be able to integrate genomic information into their existing curriculum.

REFERENCES

STRATEGIES

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U.S. GENETIC COMPETENCIES
Registered Nurse (RN)
- Applying/integrating genetic/genomic knowledge (i.e., three-generation-pedigree, relating to the treatment and management of illness, uses nursing process to integrate genetic/genomics into care).
- Identification of clients and appropriate resources.
- Referral to specialized services
- Provision of Education, Care and Support (i.e., risk factors, health promotion)

Nurses with Graduate Degrees
- Risk Assessment and Interpretation
- Genetic Education, Counseling, Testing and Results Interpretation
- Clinical Management

CONCLUSIONS
More training is warranted for nursing faculty so they are knowledgeable and comfortable with genetic/genomic topics to prepare future generations of nurses to address the public's health, and to be comfortable with advanced technologies.