Name/Location of Program
Method for Integrating a New Competency into Practice (MINC), USA
Collaborative project between National Cancer Institute, National Human Genome Research Institute, and West Virginia University

Training audience and goals
Aims
  ➤ Develop, implement and evaluate a year-long genomic education program to train, support, and supervise institution administrator and educator dyads to increase nursing capacity to integrate genomics
  ➤ Evaluate institutional nursing workforce attitudes, practices, receptivity, confidence and competency in genomics of common disease and utilization of family history
  ➤ Describe the impact of study participation on policies that support genomic integration including privacy/confidentiality, research, and electronic health records

Training Audience
This was a one-year longitudinal study of RNs employed at 23 American Nurses Credentialing Center designated Magnet® hospitals in the US, 21 intervention hospitals and 2 control hospitals.

Training mode/materials (what is the source for the materials)
Training Mode
The intervention consisted of dyad initial training in genomics, genomic resources, and educational strategies followed by monthly supplemental education and peer support. Dyads developed institutional action plans informed by their hospital specific baseline Genetic/Genomic Nursing Practice Survey (GGNPS) data, institutional resources, and constituency. Progress was accessed using quarterly reports, site visits, and pre/post survey assessments administered to the registered nursing staff using the GGNPS.
Materials
G2C2, G3C, Nursing Genetic/Genomic Competencies (Core and Advanced), and Institution designed materials

Training budget
Study budget $300,000

Number of trainees and training staff
Number of trainees in the intervention group included 25,630 RNs. The number of RNs employed per participating hospital ranged from 80-3382. Training staff varied by institution but most dyads established steering groups, and of those many were interprofessional.

Evaluation plans
This study is complete. Three of the planned five papers have been published including:
Refinement of the GGNPS Instrument
Calzone, K., Culp, S., Jenkins, J., Caskey, S., Edwards, P., Fuchs, M.A., Reints, A., Stange, B. Questad, J., Badzek, L. (2016). Test-Retest Reliability of the genetics and genomics in nursing practice survey instrument. Journal of Nursing Measurement, 24, 54-68.
Integration Methods used by Dyads
Jenkins, J., Calzone, K., Culp, S., Caskey, S., Marsha W., Badzek, L. (2015). Methods of Genomic Competency Integration in Practice. Journal of Nursing Scholarship, 47, 200–210.
Baseline Data from Combined Intervention and Control Groups
Calzone, K., Jenkins, J., Culp, S., Caskey, S., Badzek, L. (2014). Introducing a new competency into nursing practice. Journal of Nursing Regulation, 5, 40-47.