



**Second National
Doctors of Nursing
Practice
Conference:
Defining Ourselves
Miami, FLA
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The California Simulation Alliance: An Academic/Service Partnership

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Objectives

- Describe the purpose of the California Simulation Alliance (CSA)
- Understand the academic/service partnership in the San Francisco Bay Area and how the concept is being adopted in other areas of the state
- Describe the role of the DNP in providing leadership to the CSA
- Discuss how the DNP can apply evidence-based practice to a large scale statewide project

California Institute for Nursing & Health Care (cinhc.org)

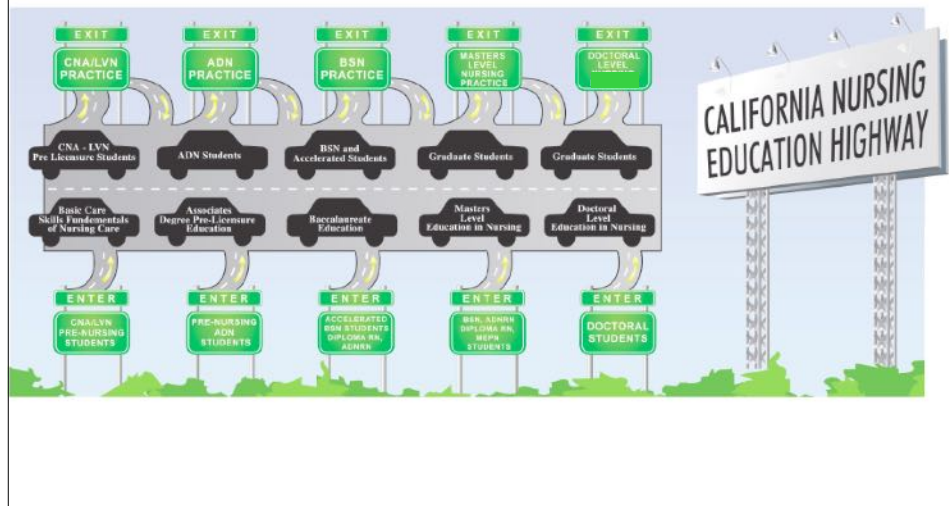
A multi-stakeholder, nonprofit organization committed to addressing nursing and related healthcare issues to improve the health of Californians through research, education, policy recommendations, and serving as a catalyst for action.

- **California Institute for Nursing & Health Care**
Optimizing the Health of Californians through Nursing Excellence

Nursing Education Redesign for California: Recommendations



Nursing Education Redesign for California: Collaborative Education Model



CINHC Programs and Projects

- White paper on educational redesign
- Diversity
- Faculty development
- Men in Nursing
- Coalition for Nursing Careers in California
- Bay Area Nursing Resource Center

Bay Area Nursing Resource Center

- Comprised of 3 projects all related to education/service partnerships
- Centralized Clinical Placement System (CCPS)
- Centralized Faculty Resource Center (CFRC)
- Bay Area Simulation Collaborative (BASC)

Saturday, November 10, 2007

BAY AREA NRC .ORG
The Bay Area Nursing Resource Center

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The Bay Area Nursing Resource Center provides three centralized, nursing education services for schools of nursing and clinical agencies within the nine-county San Francisco Bay Area, the goal of which is to significantly improve the quality of nursing care in the Bay Area. The Centralized Clinical Placement System is in use by over 30 schools of nursing (private, public, and vocational) and over 55 hospitals. CCPS streamlines the nursing student clinical placements process, with the long-term effects of increasing student capacity at local schools. The Centralized Faculty Resource Center, released at www.ITeachNursing.org in 2006, will improve the utilization of existing and new clinical faculty, increasing the student capacity at nursing schools.

Bay Area Simulation Collaborative

(BASC) - The Bay Area Simulation Collaborative is comprised of representatives from schools of nursing and hospitals in the nine Bay Area counties. The CINHC provides leadership for the BASC. Faculty development, scenario development and evaluation are components of the simulation project funded by the GBMF.

Centralized Clinical Placement System

Centralized Faculty Resource Center

Bay Area Simulation Collaborative

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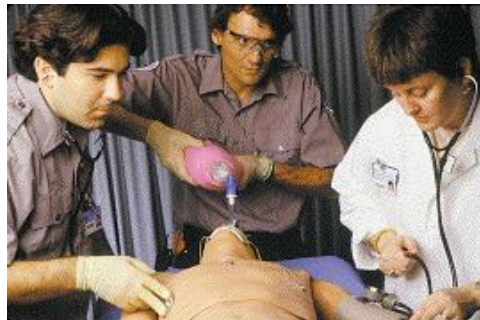


BASC Project

- Funded by the Gordon and Betty Moore Foundation
- 2 outcomes: Increase quality and number of nurses in the Bay Area; research
- 3 major outputs
 - Faculty development
 - Scenario development
 - Evaluation/research

Uses of Simulation

- Nursing education
- Medical education
- Allied health education
- Continuing education
- Staff development
 - Competencies
 - Hi risk, low volume
 - National safety goals



Simulation program

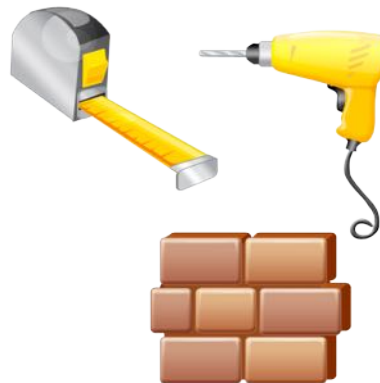
- A formal workshop, course, class, or other activity that uses a substantial component of simulation as a technique

– SSH Simulation Committee



- “Building a simulation center ≠ building a successful simulation program”

– Lou Halamek, MD, 2007
– BASC Advisory Committee Member

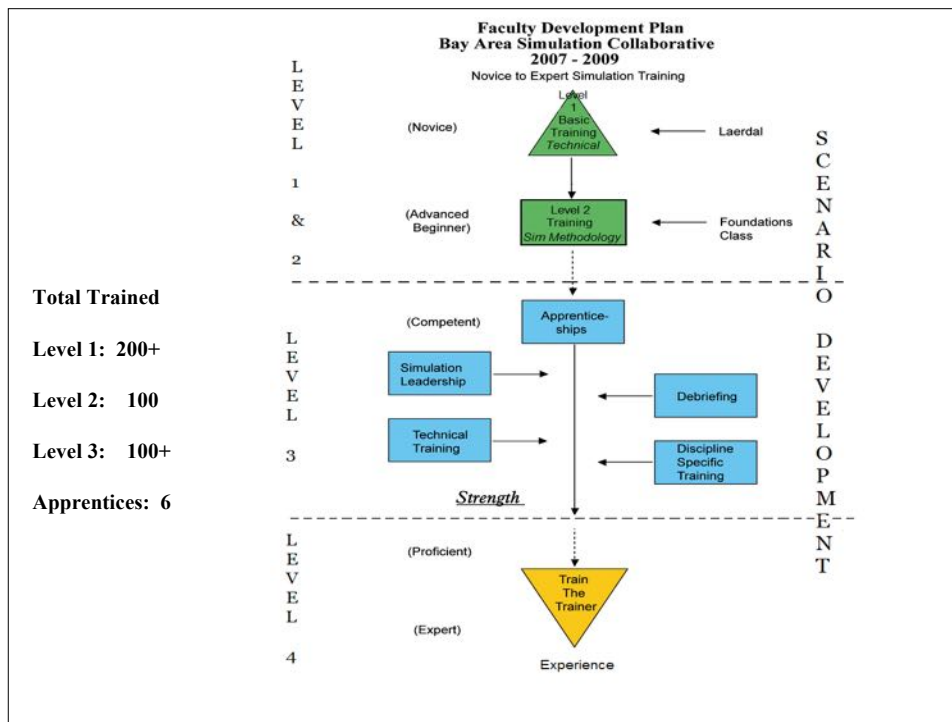


Faculty Development

- Faculty development plan developed and approved by the Operating Committee
- Operating Committee comprised of both service and academic partners
- Goal is to train all at the basic level before moving into the intermediate level
- Ultimately, move to train-the-trainer model

It is not about the
technology; it's
about the
methodology!





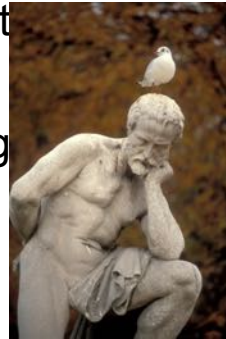
Scenario Development

- Over 50 scenarios written
 - Specialty writing groups in place
- Validation process developed
 - Validation process ongoing
- Testing follows validation
 - By students and staff
- Ready for sharing
 - See website for list



Current research

- CINHC/BASC is leading a multi year, multi site longitudinal study
- Does high fidelity simulation increase critical thinking skills of nursing students in pre-licensure programs?
- 8 schools; 1 hospital participating
- Using the HSRT tool by Facione



Regional Simulation Centers Model

- Concept is that more than 2 partners will use the RSC for training
- All centers are interdisciplinary
- Three partially funded by Moore Foundation
 - Samuel Merritt University
 - Washington Hospital
 - Marin County (at College of Marin)

Goals of Regional Centers

- Become sustainable through hospital/school partnerships
 - Nursing student training
 - Physician training
 - Competency training
 - Crisis resource manageme
 - Rapid response teams
 - Training/education



***Moving towards a
statewide focus.....with
the DNP leader***

California Simulation Alliance (CSA)

- CSA began as a DNP doctoral project
- CINHC leads the CSA
- Key stakeholders include: BRN, EDD, Chancellor's office, RHORC, HCNCC, others
- Purpose of CSA is to become a cohesive voice for simulation in California
- Goal is to create a common language for simulation in both schools/hospitals
- A website is being created, in the meantime, CSA is on www.cinhc.org

California Simulation Alliance

- A statewide "List Serve" is being developed by the CINHC
- Quarterly newsletters
- List of simulation coordinators in the state
- Education and training
- Schools/hospitals have been implementing simulation programs
- Best practice identification
- We believe that simulation will be the standard of practice within five years



Regional Collaboratives

- Far North: RNASC
- Bay Area: BASC
- Sacramento: CASC
- Central Valley: CV-SC
- Southern Cal: SCSC
- San Diego: SDSC



Next Steps and Funding

- Monthly meetings of the steering committee
- Currently writing grants
- Bi-annual conferences



Lessons Learned/Next Steps

- Methodology vs. technology!
- Perseverance
- There is available funding: write grants
- Education/service partnerships are critical to the success
- Administrators need data!
- Focus on patient safety
- Faculty buy in is key
 - Focus on early adopters



The Challenge!

- Be leaders in your hospital in transforming nursing education utilizing simulation as a teaching methodology
- Become part of the national movement with utilizing simulation
- Foster relationships with academic partners



Resources

- Simulation Innovation Resource Center (SIRC) (<http://sirc.nln.org>)
- Society for Simulation in Health Care (www.SSH.org)
- International Nursing Association for Clinical Simulation and Learning (www.INACSL.org)
- BASC (www.bayareanrc.org/rsc)
- CINHC (www.cinhc.org)

Thank you!

- kt@cinhc.org
- www.cinhc.org
- www.bayareanrc.org/rsc