



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

KT Waxman, DNP, MBA, RN, CNL
California Institute for Nursing & Health Care

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)

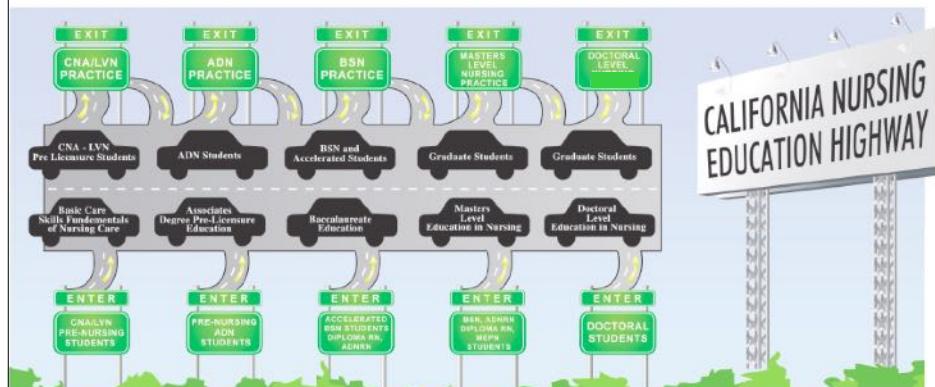
A multi-stakeholder, nonprofit organization committed to addressing nursing and related healthcare issues to improve the health of Californians through research, education, policy recommendations, and serving as a catalyst for action.

- **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)

The screenshot shows the homepage of the Bay Area Nursing Resource Center (BANC) website. The header features a banner with a smiling nurse in scrubs and a stethoscope, set against a background of the Golden Gate Bridge and ECG waveforms. The date 'Saturday, November 10, 2007' is displayed in the top right corner. The main navigation menu includes links for Home, About Us, Newsletters, What's New, Library, Contacts, and Login. Below the menu, a text box provides an overview of the center's services, mentioning the Centralized Clinical Placement System (CCPS), Centralized Faculty Resource Center (CFRC), and Bay Area Simulation Collaborative (BASC). A sidebar on the right lists three buttons: 'Centralized Clinical Placement System', 'Centralized Faculty Resource Center', and 'Bay Area Simulation Collaborative'. At the bottom of the page, there is a copyright notice: '© Copyright 2005-2007 Foundation for California Community Colleges Privacy Statement'.

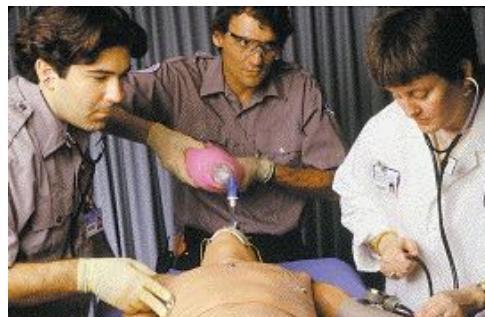


BASC Project

- 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*

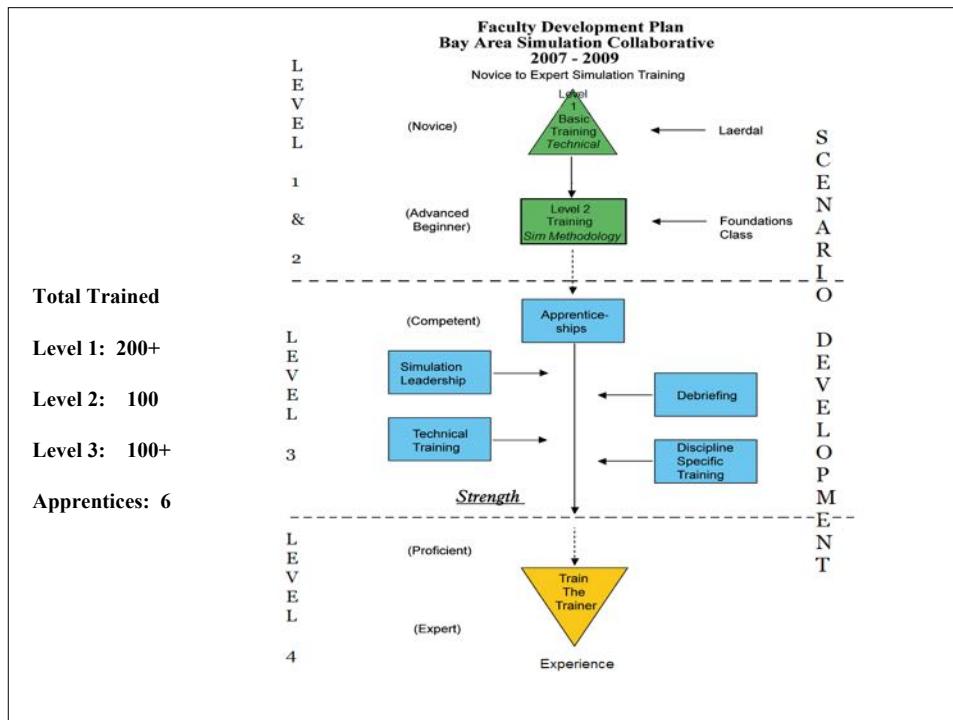


Faculty Development

- 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!





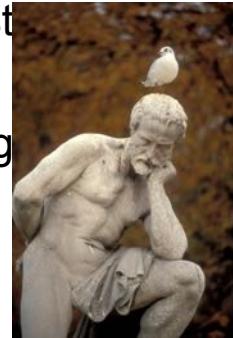
Scenario Development

- 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 management
 - 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

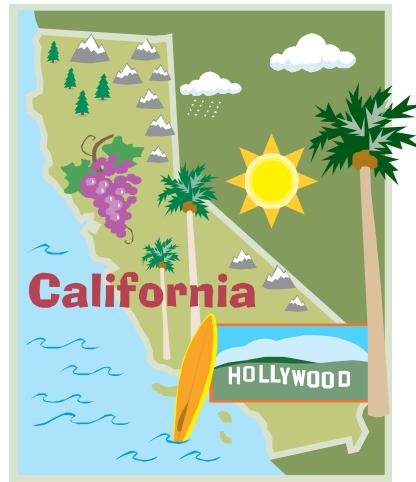
California Simulation Alliance

- 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 involved in 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