

# *Sigma Theta Tau Odyssey 2008*

*October 23, 2008*



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Medical-Surgical CNS  
Nursing Research Fellow**

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Clinical Nurse IV  
Evidence-Based Practice Scholar**

# Objectives



- **Describe the infrastructure created to support nursing research and evidence based practice at CHOC.**
- **Discuss the development of the Nursing Practice Research Council.**
- **Describe the implementation of the Nursing Research Fellowship Program and Evidence Based Scholars Program.**



# *Infrastructure*

# *Building the Infrastructure*

- Assessment of existing research knowledge, experience, and activities
- Evaluate internal level of interest in establishing and advancing nursing research
  - Research Institute
  - Physician researchers
  - Nurse researchers
- Determine availability of external resources that may be available
  - University/Colleges
  - Professional Organizations
  - National Experts
- Contact other organizations with similar programs
- Create a vision and enthusiasm – have many champions!

# *Building the Infrastructure*

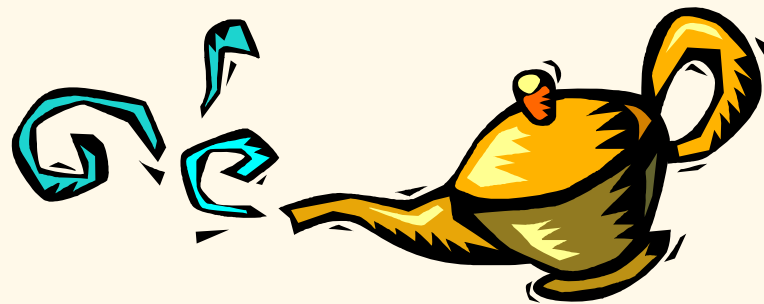
- **Align with organizational Mission/Vision/Values**
- **Involve stakeholders**
  - Board of Directors
  - Executive Team
  - Medical Staff
  - Members of the Research Institute and Institutional Review Board (IRB)
  - Advance Practice Nurses
  - Staff nurses
- **Secure funding**
  - Walden and Jean Young Shaw Foundation
- **Build internal momentum**
  - Develop multiple strategies to broaden the organizational knowledge base of the impact and contributions of nursing research & evidence-based practice



# *Nursing Practice Research Council*

# *NURSING PRACTICE RESEARCH COUNCIL*

*LIGHTING THE WAY THROUGH NURSING RESEARCH*



## *OUR VISION*

*To create a culture of inquiry that empowers nurses at all levels to examine their professional practice and use evidence to improve care*



# *Nursing Practice Research Council - Purpose*

## **Scientific Discovery**

Nursing principal investigator research

## **Education**

Conduct and utilize research

## **Improve Care**

Gather, interpret, and disseminate existing evidence-based knowledge

## **Improve Effectiveness of Clinical Practice**

Application of scientific knowledge & other evidence in consultation with Nurse Research Experts



# *Nursing Practice Research Council - Responsibilities*

- Secure resources/mentors for development of research studies
- Ensure adherence to Institutional Review Board policies
- Oversee research activities, publications, & presentations
- Act as a repository for all nursing research activities
- Develop, implement, and maintain the infrastructure of Evidence-Based Practice
- Develop recommendations for practice changes for consideration and implementation by Professional Practice Council and appropriate Clinical Practice Councils

# *Nursing Practice Research Council - Membership*

- Staff Nurses
- Nursing Leadership
- Clinical Nurse Specialists/Nurse Practitioners
- Educators
- Director, Special Projects
- Director, Clinical Outcomes
- Member serving on IRB
- Safety/Quality/Risk Management
- Clinical Research Nurse
- Nursing Faculty
- Ad hoc members



# *Nursing Research Fellowship Program*

## *Nursing Research Fellowship*

- Enable nurses to develop research skills and conduct research projects
- Fellows receive the individual guidance of expert nurse researchers in the development of abstract/proposal and the conduct of study
- Workshops, conferences, e-mail communication, and intense educational sessions prepare the nurse to assume the role of nurse researcher

# *Faculty*

- **Nursing Research Fellowship Faculty**
  - Virginia E. Maikler, PhD, RN (Year I)
  - Karen Sechrist, PhD, RN, FAAN (Year II and Year III)
  - Marilyn Klakovich, PhD, RN (Year IV)
  - Toni Christopherson, EdD, MSN, RN, CNS, BC (CHOC Coordinator)
  
- **Current Research Intensive Course Work Faculty**
  - Dr. Maryanne Garon, CSU – Fullerton
  - Dr. Marilyn Klokovich, Azusa Pacific University
  - Dr. Dana Rutledge, CSU – Fullerton
  
- **Other Supporting Faculty/Services**
  - Dr. Margaret Brady, CSU – Long Beach
  - Dr. Cindy Greenberg, CSU – Fullerton
  - Dr. Sharon Valente, Greater LA, Veterans Administration
  - Dr. Gwen Uman, Vital Research

# *Nursing Research Fellowship Program Process*

- **Step I – Call for Abstracts**
  - Initial Workshop and Individual Consultation
- **Step II – Abstract Submission**
  - Applications Submitted by Applicants
  - Competitive Review & Selection of Fellows
- **Step III – Program Agreements**
  - Notification of Acceptance as a Fellow
  - On-site Launch Workshop
- **Step IV – Proposal Development**
  - September – December/January
  - Research Intensives
  - Fellow Support
  - Present proposal to CPC, unit/department staff (ongoing), and NPRC
  - Submit Proposal & IRB Application

# *Nursing Research Fellowship Program Process*

- **Step V – Implement Research Project**
  - January
  - On-site Mid-Project Workshop and/or Individual Consultation
  
- **Step VI – Data Analysis & Interpretation of Results**
  - Spring
  
- **Step VII – Disseminate Research Findings**
  - Fall – Winter
  - Final On-Site Workshop
  - Research Dissemination Support
  - Celebration!

# *1st Year Nursing Research Fellows*



**Kathleen Adlard MSN, RN, CNS - Oncology,  
Hematology**

Examining the Push-Pull Method for Blood Sampling  
from Central Vascular Access Devices



**Dianne Baker BSN, RN - EDAC Manager**

Predicting Risk for Developmental Delay in Infants  
Receiving Care in the Neonatal Intensive Care Unit



**Dawn Tucker MSN, RN, PNP - PICU**

Open vs. Closed Methods for Endotracheal Tube  
Suctioning in Post-Operative Pediatric Cardiac  
Patients



# *2nd Year Nursing Research Fellows*



**Jennifer Cohen MSN, RN, CNS, CCRN, CNRN – PICU**  
Validation of a New Coma Scale's Use in Pediatrics:  
The FOUR Score



**Sarah Flores MS, RN –Specialty Clinics**  
Alternative Site Collection for Hemoglobin A1c in Children



**Elyse McClean MSN, RN, CNS, CPN – Medical/Surgical**  
Tracheal Suctioning in Children: Applying Suction Both While  
Inserting and Removing the Catheter During Shallow  
Suctioning

# *3rd Year Nursing Research Fellows*



**Mary DeNicola MSN, NP, CLC - Nutrition Services**  
Maintaining Lactogenesis in the Mothers of Very Low Birth Weight Babies



**Janice Jeune RN -PICU**  
Pain Control in Post-Operative Pediatric Cardiovascular Surgery Patient



**AnneMarie Mort BSN, RN, CCRN - PICU**  
Muscle NIRS and Cardiac Output in the Pediatric Cardiac Patient

# *4<sup>th</sup> Year Nursing Research Fellows*



**Deborah M. Jones, MN, RN – Neurology Clinic  
Educator**

Quality of Life in Teens with Migraines



**Robyn F. Robinson, MSN, RN, PNP – Pediatric  
Gastroenterology**

Quality of Life for those with Complex Feeding Needs



**Gail Sundberg, MSN, RN, CCRN, NE-BC – PICU,  
Clinical Manager**

Nurse Manager Priorities and Needs



*Evidence-Based  
Practice Scholars  
Program*

## *Evidence Based Practice Scholars*

- Enable nurses to develop skills to review evidence and complete an EBP project
- Scholars receive the individual guidance of expert nurse researchers in the development and implementation of their projects
- Workshops, conferences, e-mail communication, and intense educational sessions prepare the nurse to assume the role of an expert in the application of the best evidence to nursing practice

# *EBP Scholars Program*

- **Exploratory Workshop**
- **Applications and Selection**
  - Competitive process)
- **Seminars**
  - 5 seminars, 40 hours
- **Graduation/Celebration**
- **Dissemination**

# *Faculty*

- **Evidence-Based Practice Faculty**
  - Dr. Margaret Brady, CSU – Long Beach (2007)
  - Dr. Vicky Bowden, Azusa Pacific (2008)
  - Toni Christopherson, EdD, MSN, RN, CNS, BC (CHOC Coordinator)

## *Evidence-Based Practice Scholars*

**Donna Bigani, Staff Nurse, Medical Surgical Unit - 4th floor**

Frequency of Blood Pressure Monitoring in Hospitalized Children

**Ana Cardona, Staff Nurse, Medical Surgical Unit – 5th floor**

Dental Care in Kids

**Connie Carel, Educator, Breathmobile**

Asthma Educator Certification and Outcomes

**Tammy Fogel, Staff Nurse, Oncology**

VRE and Isolation in immunocompromised children

**Lori MacLean, Staff Nurse, Oncology**

The use of mind body techniques to increase comfort in hospitalized children.





*Questions?*