The Faculty Development Committee presents:

2012 SPRING SCIENCE SYMPOSIUM

Friday, May 11, 2012
8:30am – 2:00pm

8:00-8:30 Coffee and Pastries
8:30-8:40 Welcome to the Spring Science Symposium
8:40-9:00 Glycation of Protein Accelerates Oxidative Damage: A Possible Role in Diabetic Complications.
   -Richard Rocco PhD
9:00-9:20 Establishing an Empirical Basis for Ethics Content in a BSN Program
   -Mileva Saulo Lewis EdD RN
9:20-10:00 Is Infertility Associated with Childhood Autism?
   -Loretta Camarano PhD
10:00-10:20 **Break and poster session**
   -Guy McCormick PhD, OTRL, FAOTA
10:40-11:00 Function in Sitting Test (FIST) Web-Based Training: Development and Dissemination.
   -Sharon Gorman DPTSc, PT, GCS
11:00-11:20 Metatarsalgia: Orthotic Options to Decrease Plantar Pressures.
   -Cherri S. Choate DPM
   -Ciara Cox MS OTL
11:40-12:00 Workplace Factors in Wrist Tendonitis Among Blue-Collar Workers – The San Francisco Study.
   -Carisa Harris-Adamson, PT PhD
12:00-1:00 **Academic Affairs invites faculty to an Awards Luncheon in the Bechtel Room**
1:00-1:20 A Mathematical Model for the Diagnosis of Cheating: A Case Report.
   -Michael De Rosa PhD MPH, PA-C
1:20-1:40 People with Multiple Sclerosis Show Improved Gait Parameters with Balance Based Torso Weighting.
   -Cynthia Gibson-Horn PT
1:40–2:00 Teen Fathers Involved in the Justice System: Father Identity and Role Development.
   -Kate Shade PhD RN
2:00-2:20 Child Replacement Theory: A Tool for Understanding Fertility Behavior Among HIV-Infected Sub Saharan Women
   -Nancy Sme, PhD, CNM, MPH
The Faculty Development Committee presents:

2012 SPRING SCIENCE SYMPOSIUM

Friday, May 11, 2012
8:30am – 2:00pm

8:00-2:00 Poster Presentation

Creation, Implementation, and Evaluation of a Neuroscience Curriculum for Grades 4-6.
- Barbara Puder PhD

Creation and Implementation of a Neuroscience Education Outreach Event for the Community.
- Barbara Puder PhD

Implementation and Evaluation of Obstetric High Risk Hybrid Simulation in an ELMSN Program.
- Laurie Rosa MSN RN and Diana Jennings PhD

Shyness of Nurses and Patient Safety
- Joan Bard EdD and Sylvia Fox PhD RN

From Storage Closet to School Based Health Center: Lessons Learned from Planned Efforts.
- Rhonda Ramirez EdD FNP-BC

- Fusae Abbot PhD

Establishing a Low Fidelity Simulation Hospital Setting: Implementing Simchart.
- Margaret Fink EdD RN

In-Situ Perinatal Simulation
- Bill Stiers MD

Inquiring Minds Want to Know: Resource Selection and Teaching Styles at SMU.
- Marcus Banks

Potential use of the Mental Health First Aide Program in the ABSN Curriculum.
- Gail DeBoer

Transition from Patient Based Learning Format to Simulation.
- Lorraine Petti MPA PA-C

Giving a Boost: Retention of Under Represented Nursing Students.
- Aara Amidi-Nouri PhD RN and Diane Hansen MS

Inter-Professional Simulation a Team Approach.
- Lina Gage Kelly, MS, APRN, ANP; Lorraine Petti, MPA, PA-C, and Lili Cook, MS APRN, PNP, BC

Mechanosensitivity of the Nervous System.
- Ben Boyd DPTSc, PT

Arresting Sepsis Through Interprofessional Education
- Patricia Brennan PhD, RN and Celeste Villanueva, CRNA, MS

The Spirit Seminars: Nursing Student Development in Cross-Cultural Care and Health Inequities
Hospital Schools of Nursing in Transition: Moving to Collegiate Status 1980-2010
  - Abby M. Heydman, PhD, RN, Nancy Haugen, PhD, RN, and Karen Wolf, PhD, RN

Enhanced Knowledge of the Global Health Care System Through Medical Missions
  - Graciela Lopez Cox, MSN, RN

Virtual Classrooms at SMU: Integration of Synchronous Learning in the DNP Program
  - Patricia Brennan, PhD, RN, MS, Cecily Cosby, PhD, FNP-BC, PA-C, DFAAPA, Ellie Hoffman, MA, Blair Simmons, MS, and Marcus Walton BS, CCNAS

Determining Airway Acid Production in Living Cells In Vitro Using Confocal Microscopy
  - Christina C. Lewis, PhD and Horst Fischer, PhD (CHORI)