NPUIAP RESEARCH SYMPOSIUM
THE PERFECT STORM: Microclimate, Pressure, and Shear Forces in Pressure Injury
NOVEMBER 9, 2016
LAS VEGAS, NV
HARRAH’S LAS VEGAS HOTEL

PROGRAM

7:00–8:00 AM  Registration

8:00–8:20 AM  Welcome and Introduction
   Evan Call, MS, CSM, Adjunct Faculty, Weber State University, Ogden, UT

8:20–9:00 AM  The Problem with Pressure and Soft Tissue Deformation in DTPI — The Science
   Vivian K. Mushahwar, PhD, Professor, Division of Physical Medicine & Rehabilitation, University of Alberta, Edmonton, AB
   Describe pressure and tissue deformation in DTPI from an engineering perspective.

9:00–9:30 AM  Accreditation Statement

9:30–10:00 AM  Understanding the Clinical Effects of External Loading on Tissue Deformation in Humans
   David Brienza, PhD, Professor and Associate Dean of Research, University of Pittsburgh, Pittsburgh, PA
   Discuss in vivo MRI studies to understand tissue loading and effects of intensity of forces on tissue responses.

10:00–10:30 AM  Break / Posters

10:30–11:15 AM  Clinical Aspects of Clinical Tissue Load
   Stephanie Woelfel-Dyess, PT, DPT, CW, FACACWS, Certified Wound Specialist & Instructor of Clinical Physical Therapy, University of Southern California, Los Angeles, CA
   Identify clinical manifestations and management of tissue loading.

11:15–11:45 AM  The Problem with Shear — the Science
   Dan L. Bader, BSc, MSc, PhD, DSc, Professor of Bioengineering and Tissue Health, Faculty of Health Sciences, University of Southampton, Southampton, UK
   Describe the mechanisms of shear leading to tissue deformation and damage from an engineering perspective.

11:45–12:30 PM  Clinical Aspects of Shear
   Ann Noreen Tescher, PhD, RN, CNS, Department of Nursing, Mayo Clinic, Rochester MN
   Identify risk factors, clinical manifestations and management of shear.

12:30–2:00 PM  Lunch (on your own) / Posters

1:15–2:00 PM  Interact with Poster Authors

2:00–2:20 PM  The Problem with Friction — the Science
   David Brienza, PhD, Professor and Associate Dean of Research, University of Pittsburgh, Pittsburgh, PA
   Describe the contributory effects of friction in injury from an engineering perspective and implications for microclimate.

2:20–2:40 PM  Clinical Aspects of Friction
   Christine Berke, RN, BC, BSN, MSN, APRN–NP, CWOCN, Center for Wound Healing Nebraska Medicine, Omaha, NE
   Identify clinical manifestations and management of friction.

2:40–3:10 PM  The Problem of Microclimate — the Science
   Dan L Bader BSc, MSc, PhD, DSc, Professor of Bioengineering and Tissue Health, Faculty of Health Sciences, University of Southampton, Southampton, UK
   Describe the mechanisms of microclimate leading to tissue injury from an engineering perspective.

3:10–3:30 PM  Break / Posters

3:30–4:00 PM  Clinical Aspects of Microclimate
   Margaret Goldberg, MSN, RN, CWOCN, Delray Wound Treatment Center, Delray, FL
   Identify clinical manifestations and management of microclimate.

4:00–5:00 PM  Summary Session: Open Panel Discussion with All Faculty
   Sharon Baranoski, MSN, RN, CWOCN, APN-CCNS, FAAN, President, Wound Care Dynamics, Inc., Chicago, IL

NATIONAL PRESSURE ULCER ADVISORY PANEL
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Category 1
Creighton University Health Sciences Continuing Education designates this live activity for a maximum of 7 AMA PRA Category 1 Credit(s). Physicians should claim only the credit commensurate with the extent of their participation in the activity. ANCC accepts AMA category 1 credit for the PRA from organizations accredited by ACCME.

Nurse CE
Creighton University Health Sciences Continuing Education Designates this activity for 7.0 contact hour(s) for nurses. Nurses should claim only the credit commensurate with the extent of their participation in the activity.

Nurses licensed in Iowa and California: This activity was planned and developed in accordance with the continuing education standards of the American Nurses Credentialing Center (ANCC). The Iowa Board of Nursing and the California Board of Nursing will honor ANCC continuing education credits for self-study format. Nurses licensed in Iowa and California, or for ANCC-approved programs held outside Iowa and California, for ANCC-approved online recorded courses taken in a self-study format.

Accreditation Statement
This activity has been planned and implemented by Creighton University Health Sciences Continuing Education (HSCE) and National Pressure Ulcer Advisory Panel (NPUIAP) for the advancement of patient care. Creighton University Health Sciences Continuing Education is accredited by the American Nurses Credentialing Center (ANCC), the Accreditation Council for Pharmacy Education (ACPE), and the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing education for the healthcare team.

Preceptors
Sharon Baranoski, MSN, RN, CWOCN, APN-CCNS, FAAN

Moderator
Sharon Baranoski, MSN, RN, CWOCN, APN-CCNS, FAAN