8:15 a.m. - 9:15 a.m.
Presented by Keynote Speaker: Roy Simpson,
DNP, RN, DPNAP, FAAN, FACMI
Kaleidoscope: Twists and Turns in Big Data

Dr. Roy Simpson has more than 40 years of experience in nursing informatics and in senior executive administration. His primary executive research focus pioneered the development and funding of the Werley and Lang Nursing Minimum Data Set (NMDS). Dr. Simpson joined Cerner in 2000 and left in 2017 to assume an academic appointment at Emory University, Nell Hodgson Woodruff School of Nursing as a clinical Professor in the new Doctorate of Nursing Practice (DNP) program and as the Assistant Dean of Technology Management. In 2001, Dr. Simpson served as the Frances and Earl Ziegler Visiting Scholar at the University of Oklahoma and in 2002 as the Merle Lott Distinguished Lecturer at Georgia State University. In 2007, he was awarded honorary international membership in the International Medical Informatics Association and also international membership in Sigma Theta Tau International, representing his scholarship and his contribution in the field of informatics. Dr. Simpson lectures extensively around the world and has published more than 500 articles on nursing informatics. He also sits on 12 editorial review boards and is a fellow of the American Academy of Nursing, New York Academy of Medicine, and the National Academies of Practice.

9:15 a.m. – 9:35 a.m.
Presented by: Chip Shaw, PhD
TTUHSC Executive Director, Clinical Research Data Warehouse
Cerner HealthFacts and Clinical Data Repository

He earned his Master's Degree in Biomedical Sciences from Texas Tech University Health Sciences Center (TTUHSC) in 1994, his Doctoral Degree in Instructional Technology from Texas Tech University in 2002, and his Master's Degree in Public Health from Texas Tech University Health Sciences Center in 2016. He served in leadership roles in the Division of Information Technology from 2001 to 2017. Over the past 23 years, Dr. Shaw has been involved with classroom and laboratory instruction in the School of Pharmacy, School of Medicine and the Department of Public Health. Over the past four years, he has worked to aggregate various sources of clinical data for research and education. He works with Faculty and students to refine their research question and develop inclusion and exclusion criteria to extract and analyze clinical data.

TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER
School *of* Nursing

3rd Annual Ketner Lectureship
The Digital Age of Healthcare and Education: What You Need to Know

Thursday, September 17, 2020

Live Virtual Event in Celebration of the Year of the Nurse and Midwife

Professional Development: This activity has been submitted to the New Mexico Nurses Association for approval to award **3.25 contact hours**. The New Mexico Nurses Association is accredited as an approver of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation.

Schedule

Introductions & Welcome	8:00 a.m. – 8:15 a.m.
Keynote Speaker, Roy Simpson	8:15 a.m. – 9:15 a.m.
Speaker, Chip Shaw	9:15 a.m. – 9:35 a.m.
Break	9:35 a.m. – 9:45 a.m.
Keynote Speaker, Richard Booth	9:45 a.m. – 10:30 a.m.
Speaker, Richard Gilder	10:30 a.m. – 10:50 a.m.
Reflection in Small Groups	
Break Out & Take Aways	10:50 a.m. – 11:30 a.m.
Expert Panel	11:30 a.m. – 12:00 p.m.

Objectives

• Discuss the application of big data, data science, and analytics in informing nursing practice, science and the future of healthcare.
• Examine the basics of big data, data science, data sources, and advanced analytic methods.
• Discuss ethical considerations for use of big data, data science and analytics to clinical practice and research.
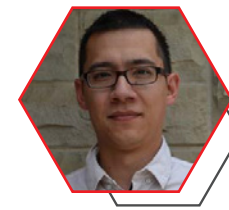
Registration (FREE)

Registration opens **July 27, 2020**
Visit **https://nursing.ttuhsc.edu/ketner** for registration information
Email **ketnerlectureship@ttuhsc.edu** for questions.
Participants must attend all sessions to receive **3.25 contact hours**.

9:45 a.m. – 10:30 a.m.
Presented by Keynote Speaker: Richard Booth,
RN, MScN, PhD
Robotics, Gaming, & "Big" Data Implications for Nursing Practice

Richard Booth is an associate professor at the Arthur Labatt Family School of Nursing (Western University, London, Canada) and a clinician researcher with an active research program exploring health informatics, human-technical relationships, and psychiatric-mental health nursing. He also conducts research with the Ontario healthcare administrative data steward (ICES), exploring mental health outcomes related to models of care and health system utilization. From a teaching perspective, he has developed a variety of serious games for use within undergraduate nursing education, including a homecare dementia simulator and electronic barcode medication administration game. He currently holds both provincial and federal grants from the Ontario Ministry of Research, Innovation and the Science Social Sciences and Humanities Research Council of Canada, and supervises numerous graduate students at the masters and doctoral levels.

10:30 a.m. – 10:50 a.m.
Presented by: Richard Gilder, MS, RN, CNOR
Public Domain Data Resources: What You May Not Know is Out There!

Bioinformatics Scientist - Adjunct Faculty School of Nursing at Texas Tech University. 47 years of experience as a registered nurse in Dallas County, Texas. Associate Fellow University of North Texas Health Science Center - Institute For Patient Safety. Providing consulting services as a biomedical informatics data scientist and conducting peer reviewed research disseminated through publication in professional scientific journals, podium papers, posters, white papers, books, and granted-funded research projects. Nationally board certified in Operating Room Nursing (retired 2020) and Nursing Informatics (retired 2020) delivering project management, guidance and advice through advanced mathematical modeling and analysis for research endeavors through the data mining process of extraction, transformation, loading, discovery, accessing, and distillation of findings.

Supporters of the Ketner Lectureship