

LIBRARIAN COLLABORATION WITH A HOSPITAL RESEARCH SPECIAL INTEREST GROUP

Katherine Alexander, MLS, AHIP, Education Librarian Claudia DeShay, MLS, PhD, Education Librarian

The University of Texas Southwestern Medical Center at Dallas

PARTNERING

UT Southwestern Medical Center Library is an academic medical library that serves four affiliated hospitals, including Children's Medical Center (CMC), a 406-bed referral hospital.



Research Special Interest Group (RSIG)

The RSIG supports the quality-of-life research pursuits of the Children's Medical Center nursing staff. Librarians have participated in the RSIG since 1999.

Purpose of the RSIG

- Promote nursing research
- Educate potential researchers
- Introduce researchers to multidisciplinary applied clinical research
- Provide a venue for utilizing/disseminating research
- Mentor researchers and monitor ongoing research
- Review all proposed non-physician research projects before submission to IRB

Collaborative Role of the Librarian

- Participate in review of proposed research projects before submission to IRB
- Teach literature review sections of RSIG research course
- Conduct literature searches for RSIG members
- Serve on editorial board and contribute articles to their *Clinical Research News*

TEACHING

Syllabus

Research Special Interest Group Continuing Education

Introduction to Multidisciplinary Applied Clinical Research

An eight-session course designed to assist participants with development of a research proposal

Course Sessions

- Session 1: Problem identification
- Session 2: Literature Review (overview)
- Session 3: Literature Review (individual teams)
- Session 4: Research critiques and synthesis of literature
- Session 5: Research designs
- Session 6: Variables, instrumentation and validity/reliability
- Session 7: Protection of human subjects in research
- Session 8: Data collection, analysis and findings

Faculty

Cathie Guzzetta, PhD, RN, HNC, FAAN (Coordinator)
Naveed Ahmad, MD, MPH
Katherine Alexander, MLS, AHIP
Mary Ann Byerly, MBA
Juanita C. Dale, PhD, RN, CPNP
Claudia DeShay, MLS, PhD
Lonnie Roy, PhD



Librarians teach a two-hour literature searching session followed by consultation with the individual teams on their specific projects.

SEARCHING

Selected Search Topics

Use of patient-controlled analgesia in children

Sugar water for reduction of neonate pain

PCA (patient-controlled anesthesia) for sickle cell pediatric patients: dilaudid (hydromorphone) versus morphine

Methods to reduce postoperative pain in children after T&A (tonsillectomy and adenoidectomy)

Use of EMLA (eutectic mixture of local anesthetics)

Distraction techniques to reduce pain, fear, distress during venipuncture and venous port access in children and adolescents with cancer

TESTIMONIAL

"Our Education Librarians at UT Southwestern Medical Center have worked diligently over the years to establish a multidisciplinary collaborative relationship with us in conducting clinical, (non-physician) patient-oriented research. We have built an extraordinarily strong team - and they have become an essential and critical part of our team. It would be impossible for us to function in our research role without them. We highly value their expertise, enthusiasm, and insight in assisting us to make life better for children through research."

*Cathie E. Guzzetta, RN, PhD, HNC, FAAN
Nursing Research Consultant
Children's Medical Center of Dallas
Dallas, Texas*

APPLYING

From Research to Publication to Clinical Practice

"During another research course, oncology nurses Suzanne Sander Wint, Debra Eshelman, and Jill Steele explored the use of distraction... They studied pain in teenagers wearing virtual reality glasses during lumbar punctures. This study was funded and the findings were published, presented at two national nursing meetings, and recognized with two national awards."

Guzzetta CE. Critical care research: weaving a body-mind-spirit tapestry. Am J Crit Care. 2004; 13(4):322.



An Education Librarian models the virtual reality glasses used in this lumbar puncture distraction study:

Sander Wint S, Eshelman D, Steele J, Guzzetta CE. Effects of distraction using virtual reality glasses during lumbar punctures in adolescents with cancer. Oncol Nurs Forum. 2002; 29(1):E8-E15.