

## VITAE

**STEPHEN L. LUTHER**

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### PERSONAL

Work: HSR&D Center of Innovation on Disabilities  
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### EDUCATION

- 1997 Ph.D.  
University of South Florida  
Tampa, FL  
Major: Measurement and Evaluation  
Minor: Health Policy and Management
- 1980 M.A.  
Kent State University  
Kent, OH  
Major: Community Health Education
- 1979 B.S. (cum laude)  
Kent State University  
Kent, OH  
Major: Community Health Education

Additional graduate course work in business administration, research design and statistics.

## PROFESSIONAL EXPERIENCE

**James A. Haley Veterans Hospital, Tampa FL**

**10/1999-Present**

*Director of the Methodology Core and Co-Director Informatics and Measurement Focus Area, HSR&D/RR&D Center of Innovation on Disability and Rehabilitation Research (CINDRR)*

Obtain VA and other federal research funding as a Principal Investigator related to outcomes measurement, informatics and outcomes research. Co-lead the CINDRR Informatics and Measurement Focus Area by facilitating collaborations between clinical and methodological investigators. Supervise quantitative researchers and support staff including biostatisticians, economists, psychometricians, informaticians and data managers. Mentor junior researchers and students involved with rehabilitation outcomes research. Responsible for IT support strategy for Center. Participate in the scholarly review and critique of proposals to increase scientific rigor. Participate in national VA and NIH review panels. Respond to requests for technical assistance and provides expert consultation in studies from VA researchers and clinicians.

*Associate Director, Outcomes Measurement, HSR&D/RR&D Center of Excellence: Maximizing Rehabilitation Outcomes*

Obtain federal research funding as a Principal Investigator related to outcomes measurement, outcomes research and text mining. Supervise quantitative researchers and support staff including biostatisticians, economists, psychometricians, informaticians and data managers. Mentor junior researchers and students involved with rehabilitation outcomes research. Responsible for IT support strategy for Center. Participate in the scholarly review and critique of proposals to increase scientific rigor. Participate in national VA and NIH review panels. Respond to requests for technical assistance and provides expert consultation in studies from VA researchers and clinicians.

*Associate Director, Research Methods and Evaluation, VISN 8 Patient Safety Center of Inquiry*

Obtain federal research funding as a Principal Investigator related to patient safety, using both primary and secondary data sources. Supervise data collection and analysis activities of bio-statisticians and other staff involved with analytic support for the Patient Safety Center. Participate in the scholarly review and critique of proposals to increase scientific rigor. Respond to requests for technical assistance and provides expert consultation in studies from VA researchers and clinicians.

*Evaluation Methodologist/Psychometrician, VISN 8 Patient Safety Center of Inquiry (Part Time)*

Act as a measurement/evaluation and statistical consultant/co-investigator to Patient Safety Center of Inquiry investigators. Take the lead on research studies to develop new psychometric measures. Work with the VISN 8 Measurement Evaluation Team to develop, validate and analyze the results from questionnaires/scales. Supervise the collection and analysis of primary and secondary data. Participate in the development of research proposals.

**University of South Florida, Health Sciences Center, Tampa FL**

**08/1999-07/2004**

Center for Health Outcomes Research

*Research Assistant Professor (Part Time)*

Design and conduct independent research. Participate as a member of a multidisciplinary team

## **PROFESSIONAL EXPERIENCE (continued)**

involved in research activities within the Center for Health Outcomes Research. Train graduate students in research methods, including participation in committees for Masters and Doctoral students. Teach measurement/research and related topics on graduate level. Consult with University of South Florida faculty and professionals in the community regarding outcomes measurement and research.

**University of South Florida, College of Public Health, Tampa FL**  
Department of Health Policy and Management

**08/1996-07/1999**

*Visiting Assistant Professor (Full Time)*

Responsible for teaching the following courses: Principles of Health Policy and Management, Strategic Planning and Management, Quantitative Analysis in Health Management, and The Organization and Management of Managed Care. Also responsible for conducting primary and secondary research projects.

**H. Lee Moffitt Cancer Center & Research Institute, Tampa, FL**

**03/1989-07/1996**

*Senior Managed Care Analyst (Full Time)*

Developed a proposal for management of an oncology carve-out for an HMO provider with over 150,000 members. Assisted in the development of a regional oncology network. Negotiated contracts with managed care organizations for cancer screening services.

*Director, Cancer Screening and Community Health Education (Full Time)*

Directed the start up of *Lifetime Cancer Screening Inc.*, an outreach program serving more than 15,000 clients annually. Developed a mobile mammography screening program and a 6,500 square feet screening clinic facility. Activities included planning and supervising clinic construction, developing all clinical services, establishing billing procedures, managing operations of the clinic. Manage a staff of 18 including the clinical, clerical, marketing and education staff. Provided administrative support for *Lifetime Cancer Screening Inc.* Board of Directors.

*Community Health Educator (Full Time)*

Staffed the Cancer Answers telephone information service, as well as developed and evaluated the cancer education programs. (While a full-time doctoral student at the University of South Florida)

*Assistant Director, Community Health Education (Full Time)*

Developed, marketed and assessed community education programs. Directed community education activities and cancer information programs including; budgeting, personnel program development and evaluation.

**The Cleveland Clinic Cancer Center, Cleveland OH**

**09/1980-02/1989**

*Manager, Education and Information Services (Full Time)*

Managed Cancer Center Education and Information Services including; a newspaper column published in approximately 200 newspapers, Cancer Center grand rounds, post graduate courses and visiting professors program. Led team responsible for the development of Prevention/Detection Clinic.

## **PROFESSIONAL EXPERIENCE (continued)**

Provided administrative support for multi-disciplinary committees and task forces. Conducted both primary and evaluative research. Participated in grant writing and development.

### *Educational Coordinator (Full Time)*

Developed, implemented and evaluated an educational curriculum adopted by over 20 high schools in Cuyahoga County. A coordinated activity of a multi-disciplinary task force conducting a hospital-wide patient education needs assessment study. Principal investigator for two cancer control development grants.

## **ACADEMIC POSITIONS**

- 2004-Present     **Affiliate Associate Professor**  
Department of Health Policy and Management  
University of South Florida  
College of Public Health  
Tampa, FL
- 1999-2004       **Research Assistant Professor**  
Center for Health Outcomes Research  
University of South Florida  
Health Sciences Center  
Tampa, FL
- 1996-1999       **Visiting Assistant Professor**  
Department of Health Policy and Management  
University of South Florida  
College of Public Health  
Tampa, FL
- 1994-1996       **Adjunct Assistant Professor**  
Department of Health Policy and Management  
University of South Florida  
College of Public Health  
Tampa, FL
- 1985-1987       **Adjunct Instructor**  
Cuyahoga Community College  
Cleveland, OH
- 1979-1980       **Graduate Assistant**  
Department of Health and Safety Education  
Kent State University  
Kent, OH

## PUBLICATIONS

### A. Peer-Reviewed Journal Articles (submitted for publication)

Barks L, **Luther, SL**, Powell-Cope G, Schulz B, Brown L, Bowen E. Measuring Posture: Initial Validity and Reliability Testing of the Seated Posture Scale. (submitted)

McCart JA, Berndt DJ, Foulis P, Martinello RA, **Luther SL**. A Graph-based Technique to Improve Information Retrieval in Clinical Progress Notes. (submitted)

### B. Peer-Reviewed Journal Articles (published/accepted)

Berndt DJ, McCart JA, Finch DK, **Luther SL**. A Case Study of Data Quality on Text Mining Clinical Progress Notes. *ACM Transactions on Management Information Systems* (In press)

Thomason SS, **Luther SL**, Powell-Cope GM, Harrow JJ, Palacios P. Validity and Reliability of a Pressure Ulcer Monitoring Tool for Persons with Spinal Cord Impairment. *Journal of Spinal Cord Medicine* (In press)

**Luther SL**, Neumayer L, WG. Foulis P, Richardson M, Haun J, Mikelonis M, Rosen A. The Use of Breast Conserving Surgery for Women Treated in the Department of Veterans Affairs. *Am J Surg*. 2013 10.1016/j.amjsurg.2012.08.012. (Epub ahead of print)

McCart, JA, Berndt, DJ, Jarman, J, Dezon K. Finch, **Luther, SL**. Finding Falls in Clinical Documents Using Statistical Text Mining. *J Am Med Inform Assoc*. 2012 Dec 15. (Epub ahead of print)

Vanderploeg RD, Belanger HG, Horner RD, Spehar AM, Powell-Cope G, **Luther SL**, Scott S. Health Outcomes Associated With Military Deployment: Mild Traumatic Brain Injury, Blast, Trauma, and Combat Associations in the Florida National Guard. *Arch Phys. Med. Rehabil*. 2012 Nov; 93 (11):1887-95. doi: 10.1016/j.apmr.2012.05.024. Epub 2012 Jun 13.

Haun J, **Luther SL**, Dodd VJ, Donaldson P. Measurement Variation Among Brief Health Literacy Instruments: Implications for Research and Practice. *Journal of Health Communication*. 2012;17 Suppl 3:141-59. doi: 10.1080/10810730.2012.712615.

McCart JA, Finch DK, Jarman J, Hickling E, Lind JD, Richardson MR, Berndt DJ, **Luther SL**. Using ensemble models to classify the sentiment expressed in suicide notes. *Biomed Inform Insights*. 2012;5(Suppl. 1):77-85. Epub 2012 Jan 30.

**Luther S**, Berndt D, Finch D, Richardson M, Hickling E, Hickham D. Using Statistical Text Mining to Supplement the Development of an Ontology. *Journal of Biomedical Informatics*. 2011 Dec;44 Suppl 1:S86-93. Epub 2011 Nov 15.

Matsen CB, **Luther SL**, Stewart AK, Henderson WG, Kim H, Neumayer LA. A match made in heaven? Trying to combine ACS-NSQIP and NCDB databases. *The Journal of Surgical Research J Surg Res*. 2011 Jul 23. [Epub ahead of print] PubMed PMID: 21924740.

Tremblay MC, Berndt DJ, **Luther SL**, Foulis P. and French DD. Identifying fall-related injuries: Text mining the electronic medical record. *Inf. Technol. Manag*. 10(4):253-265, 2009. DOI 10.1007/s10799-009-0061-6.

## Peer-Reviewed Journal Articles (continued)

- Diamond F, Dharamraj C, **Luther S**, Eichler D. The leptin/adiponectin ratio in mid-infancy correlates with weight gain in health term infants, but is unrelated to serum insulin concentration, body mass index , or skin fold thickness. *Journal of Pediatric Endocrinology & Metabolism*. J Pediatr Endocrinol Metab. 2008 Dec; 21(12):1133-8.
- Wieczorek A, Hernandez-Robles J, Ewing L, Leshko J. **Luther S**, Huhta J. Prediction of outcome of fetal congenital heart disease using a cardiovascular profile score. *Ultrasound Obstet Gynecol*. 2008 Feb 5 31(3):284-288.
- Rivard PE. **Luther SL**. Christiansen CL. Zhao S. Loveland S. Elixhauser A. Romano PS. Rosen AK. Using patient safety indicators to estimate the impact of potential adverse events on outcomes. *Medical Care Research and Review*. 2008. 65(1): 67-87.
- Volicer L. Bass EA. **Luther SL**. Agitation and resistiveness to care are two separate behavioral syndromes of dementia. *J Am Med Dir Assoc*. 8:527-532.2007. DOI: 10.1016/j.jamda.2007.05.005
- Nelson A, Powell-Cope G, Palacios P, **Luther SL**, Black T, Hillman T, Christiansen B, Nathenson P, Gross JC, Nason M. Nurse staffing and patient outcomes in inpatient rehabilitation settings. *Rehabilitation Nursing*. 32(5):179-202. 2007.
- Vesely DL. Eichelbaum EJ. Sun Y. Alli AA. Vesely BA. **Luther SL**. and Gower WR, Jr. Elimination of up to 80% of pancreatic adenocarcinoma in athymic mice by cardiac hormone. *In Vivo*. 21:445-452. 2007.
- Roczek A. Hernandez-Robles J. Ewing L. Leshko J. **Luther S**. Huhta J. Outcome of fetal congenital Heart disease using a cardiovascular profile score. *The Journal of Maternal-Fetal and Neonatal Medicine*. Jul;19(7):407-13. 2006.
- Luther SL**. Kromrey J. Powell-Cope G. Rosenberg D. Nelson A. Ahmed S. Quigley P. A pilot study to modify the SF-36V physical functioning scale for use with veterans with SCI. *Archives of Physical Medicine and Rehabilitation*. 87(8): 1059-66. 2006.
- French DD. Spehar A. Campbell R. Chirikos TN. Bulat T. Vedenov D. **Luther SL**. A medication surveillance system model to improve patient safety: A national study of cyclooxygenase 2 inhibitors and risk of stroke and myocardial infarction. *J Patient Safety*. June;2(2):78-82. 2006
- French DD. Campbell R. Spehar A. Cunningham F. Bulat T. **Luther SL**. Drugs and falls in community dwelling elders: A national veterans study. *Clinical Therapeutics*. Apr;28(4):619-30. 2006.
- Hofstaetter C. Hansmann M. Eik-Nes SH. Huhta JC. **Luther SL**. A cardiovascular profile score in the surveillance of fetal hydrops. *The Journal of Maternal-Fetal and Neonatal Medicine*. Jul;19(7):407-13. 2006.
- Berndt D. Fisher J. Griffiths Craighead A. Hevner S. **Luther**, and Studnicki J., "The Role of Data Warehousing for Bioterrorism Surveillance," *Decision Support Systems, Special Issue on Cybersecurity for Homeland Security* doi: <http://dx.doi.org/10.1016/j.dss.2006.04.009>.
- Luther SL**. French DD. Powell-Cope G. Rubenstein LZ. Campbell R. Fall-related ambulatory care services in the veterans administration healthcare system. *Aging: Clinical and Experimental Research*. 17(5): 412-8, 2005.

## Peer-Reviewed Journal Articles (continued)

- Luther SL.** Nelson A. Harrow J. Chen F. and Goetz LL. A comparison of patient outcomes and quality of life in persons with neurogenic bowel: standard bowel care program versus colostomy. *Journal of Spinal Cord Medicine.* 28(5): 1-7, 2005
- Studnicki J. Berndt D. **Luther SL.** and Fisher JW. The application of volume-outcome contouring in data warehousing. *Journal Healthcare Information Management.* Fall;18(4):49-55, 2005.
- Gavin-Drchnack D. Shonfeld L. Nelson A. **Luther S.** Development of a safe wheelchair seating screening tool. *Advances in Patient Safety: From Research to Implementation.* Volume 1, AHRQ Publication Nos. 050021 (1-4). February 2005. Agency for Healthcare Research and Quality, Rockville, MD. <http://www.ahrq.gov/qual/advances>.
- Studnicki J. Berndt DJ. **Luther SL.** and Fisher JW. van Caulil K. Brennan MJ. Martinez YG. Clarke P. Hispanic health status in Orange County Florida. *Journal of Public Health Management and Practice.* Jul-Aug;11(4):326-32, 2005.
- Luther SL.** Nelson A. and Powell-Cope G. Provider attitudes and beliefs about clinical practice guidelines. *SCI Nursing.* 21(4): 206-12, 2004
- Neugaard B. **Luther SL.** Powell-Cope. G, Escabie J. Nelson A. Measuring provider beliefs towards ischemic heart disease guidelines. *Southern Medical Journal.* 97(10): 942-7, 2004.
- Chirikos TN. French D. **Luther SL.** Potential economic effects of volume-outcome relationships in the treatment of three common cancers. *Cancer Control.* 11(4): 258-64, 2004.
- Powell-Cope G. **Luther S.** Neugaard B. Nelson, A. Vara J. Provider perceived barriers and facilitators to IHD guideline adherence. *Journal of Evaluation in Clinical Practice.* 10(2): 227-239, 2004.
- MacClellan LR. Bradham D. South B. Tate M. Powell-Cope G. **Luther SL.** Nelson A. Hospital bed-related adverse events, part I: Incidence in a VA healthcare system. *Journal of Healthcare Safety.* 1(3): 19-23, 2003.
- MacClellan LR. Bradham D. South B. Tate M. Powell-Cope G. **Luther SL.** Nelson A. Hospital bed-related adverse events, part II: Direct costs in a VA healthcare system. *Journal of Healthcare Safety.* 1(3): 24-30, 2003.
- Luther SL.** Studnicki J. Kromrey J. Lomando-Frakes K. Grant P. Finley G. A method to measure the impact of primary care programs targeted to reduce racial and ethnic disparities in health outcomes. *Journal of Public Health Management and Practice.* 9(3):243-248, 2003.
- Haiduven D. Baptiste A. **Luther S.** Lloyd J. Wilkinson S. Bidot P. Development of a seated device for measuring diurnal variability in stature compression. *Journal of Musculoskeletal Research.* 7(10):49-60, 2003.
- Studnicki J. Murphy FV. Werner DC. Costello RA. Malvey D. **Luther SL.** Toward a population health delivery system: first steps in performance measurement. *Health Care Management Review.* 27(1):76-94, 2002.
- Simmons B. Bennett F. Nelson A. and **Luther SL.** Data abstraction: designing the tools, recruiting and training the data abstractors. *SCI Nursing.* 19(1):22-24, 2002 Spring.
- Luther SL.** Studnicki J. Physician volume and alternative surgical treatment breast cancer. *Health Services Research.* 36(6), Part II:166-179, 2001.
- Perell KL. Nelson A. Goldman RL. **Luther SL.** Prieto-Lewis N. Rubenstein L. Fall risk assessment measures: An analytic review. *Journal of Gerontology: Medical Sciences.* 56A(12):M761-M766, 2001.
- Studnicki J. Hevner A. Burndt D. **Luther S.** Comparing alternative methods for composing community peer groups: A data warehouse application. *Journal of Public Health Management Practice.* 7(6):87-94, 2001.

### **Peer-Reviewed Journal Articles (continued)**

- Studnicki, J. Hevner A. Berndt D. and **Luther S.** Rating the health status of American communities. *Managed Care Interface*. 14(11):43-51, 2001.
- Chirikos TN. Berman C. **Luther SL.** Clark R. Cost consequences of sentinel node biopsy in the treatment of breast cancer: a preliminary analysis. *International Journal of Technology Assessment in Health Care* 17(4):626-631, 2001 Autumn.
- Studnicki J. **Luther SL.** Kromrey J. and Meyers B. Model formulation and a minimum secondary data set for population health status assessment. *American Journal of Preventive Medicine*. 20(1):40-49, 2001.
- Luther SL.** Steverson B. and Studnicki J. Awareness and compliance for recommended screening procedures: a comparison of HMO and fee-for-service enrollees. *Managed Care Interface*. 12(10):62-68, 1999.
- Marshburn J. Bradham DD. Studnicki J. Nemecek L. **Luther SL.** and Clark RA. (1994). Mass mammography screening, using an information system to track participation and identify target population. *Cancer Practice*. 2(2):146-153, 1994.
- Luther SL.** Price JH. Goormastic M. Measuring common public misperceptions about cancer. *Journal of Cancer Education*. 2(3):177-187, 1987.
- Luther SL.** Sroka SR. Goormastic M. and Montie JE. Teaching breast and testicular self-exams, evaluation of a high school curriculum project. *Health Education*. 16(1):40-43, 1985.

### **Peer-Reviewed Journal Articles (continued)**

- Sroka SR and **Luther SL.** (1982). Breast and testicular self-exams: A curriculum. *Future Focus*, 4(1), 6-7.
- Luther SL.** Price JH. Rose CA. The public's knowledge about cancer. *Cancer Nursing*. 5(2):109-116, 1982.
- Luther SL.** Price JH. Burns and their psychological effect on children. *Journal of School Health*. 51(6): 419-422, 1981.
- Luther SL.** Price JH. Sexual abuse of children - A review. *Journal of School Health*. 50(3):161-165, 1980.
- Price JH. **Luther SL.** Physical fitness - Its role in health for the elderly. *Journal of Gerontological Nursing*. 3(2):517-523, 1980.

### **C. Peer Reviewed Conference Papers**

- Luther SL,** Berndt DJ, Finch D, Hickling E, Hickam D. Using Statistical Text Mining to Supplement the Development of an Ontology. *American Medical Informatics Association, 2011 Clinical Research Informatics Summit*. San Francisco, CA, March 9-11, 2011
- Berndt DJ. McCart JA. **Luther SL.** Using Ontology Network Structure in Text Mining. *American Medical Informatics Association Annual Symposium 2010*. Washington DC, November 13-17, 2010.
- Chiarini-Tremblay M. Berndt D. Foulis P. and **Luther S.** Utilizing Text Mining Techniques to Identify Fall Related Injuries. *Proceedings of the Eleventh Americas Conference on Information Systems (AMCIS 2005)*, Omaha, Nebraska, August 11-14, 2005. Received a best paper nomination in the Data and Text Mining for Decision Support track.

### **D. Book Chapters**

- Berndt D, Tremblay M, **Luther SL.** "Data Mining and Knowledge Discovery on EHRs," in: *Information Discovery on Electronic Health Records*, C. Hall/CRC (ed.), 2009.



**Luther SL.** (1996). Operational issues in developing a cancer screening program. in: *Cancer Screening D S Reintgen & R Clark (Eds.)* (pp. 277-289) St. Louis, MO: CV Mosby.

#### **E. Abstracts**

- Martins SB, Tu SW, Martinello RA, Rubin MA, Foulis PR, **Luther SL**, Forbush TB, Scotch M, Doebbeling BN, Goldstein MK. Creating a MRSA Ontology to Support Categorization of MRSA Infections. Proceedings of *American Medical Informatics Association Annual Symposium 2013*. Washington DC, November 13-17, 2010.
- Haun, J., **Luther, S.** (November 3-7, 2012) Leveraging Patient Data to Evaluate the Secure Messaging Feature on My HealtheVet. Poster to be presented at the AMIA 2012 Symposium. Chicago, Illinois.
- Haun, J., **Luther, S.**, Powell-Cope, G., Simon, S., Shimada, S., Lind J. (July 16-19, 2012) Developing a Conceptual Framework for Understanding Veterans' Experiences Using Secure Messaging on MyHealthVet. Poster presented at the 2012 HSR&D/QUERI National Conference.
- Haun, J., Campbell, R., Patel, N., Lapcevic A., Sutton B., **Luther, S.** (June 24-26, 2012) The impact of health literacy on healthcare expenditure estimates within a Veteran patient population. Poster presented at the 2012 Academy Health Annual Research Meeting. Orlando, Florida.
- Haun, J., **Luther, S.L.**, Dodd, V. J., Donaldson, P. (October 17-18, 2011) Health Literacy Instrument Variation: One Size Does Not Fit All. Oral presentation at the 2011 Health Literacy Annual Research Conference. Chicago, Illinois.
- Luther SL**, Berndt DJ, Finch D, Hickling E, Hickam D Statistical Text Mining to Supplement the Development of a Clinical Vocabulary for PTSD in Veterans. *Veterans Administration Health Services Research & Development Service Annual Meeting*, February 16-18, 2011. National Harbor, MD.
- Jarman J, **Luther SL**, McCart J, Berndt DJ. Combining Natural Language Processing and Statistical Text Mining: Classifying Fall-Related Progress Notes. Presented at: VA HSR&D National Meeting; 2011 Feb 16; Washington, DC.
- McCart J, Jarman J, Finch D, **Luther SL**. An Introductory Look at Statistical Text Mining for Health Services Researchers [Workshop]. Presented at: VA HSR&D National Meeting; 2011 Feb 16; Washington, DC.
- Berndt D. Finch D. Foulis P. **Luther S.** The Impact of Data and Target Quality on Text Mining Clinical Notes. Proceedings of *American Medical Informatics Association Annual Symposium 2010*. Washington DC, November 13-17, 2010.
- Luther SL**. Neumayer L. Henderson W. Richardson, M. Lapcevic W. Matsen C. The Quality of Surgical Treatment for Locoregional Breast Cancer in the VA. 2010 VA Women's Health Services Utilization Conference, Arlington, VA. July 15, 2010
- Luther SL**. Utilization of Sentinel Node Biopsy in Women with Locoregional Breast Cancer in the VA. 2010 VA Women's Health Services Utilization Conference, Arlington, VA. July 15, 2010
- Luther SL**, Berndt D, Tremblay M, Foulis P, French DD, Powell-cope, G Campbell, R. Using Text Mining to Identify Fall-related Injuries in the VA: A Pilot Study. *Academy Health Annual Research Meeting*. Washington, DC. 2008.
- Luther SL**, Tremblay M, Berndt D, Foulis P, French DD, Rubenstein LZ. Using Knowledge Discovery in Databases to Identify Fall-related Injuries. *Academy Health Annual Research Meeting*. Boston, MA. 2005.

## Abstracts (continued)

- Luther SL**, Powell-Cope G, Kromrey J, Rosenberg D, Nelson A, and Quigley P. (2005) Modifying the SF-36V physical functioning scale for use with persons with SCI. *Veterans Administration Health Services Research & Development Service Annual Meeting*, Baltimore, MD.
- Powell-Cope G, **Luther S**, Spehar A, Quigley P, Rosenberg D, Palacios P, McKnight S, and Nelson A. (2005) Development of a brief culture of safety questionnaire for employees. *Veterans Administration Health Services Research & Development Service Annual Meeting*, Baltimore, MD
- Foulis P, Tremblay M, **Luther S**, Berndt D, French D, and Powell-Cope G. Using knowledge discovery strategies to identify fall related injuries. (2005) *Veterans Administration Health Services Research & Development Service Annual Meeting*, Baltimore, MD.
- Luther SL**, Kromrey J, Rosenberg D, Powell-Cope G, and Nelson A, Quigley P. (2004) Modifying the SF-36V physical functioning scale for use with persons with SCI. *Annual Research Meeting of Academy Health*, San Francisco, CA.
- Rivard P, Zhao S, Loveland S, **Luther S**, Christiansen CL, Tsilimingras D, and Rosen AK. (2004) Estimating increased mortality, cost, and length of stay associated with potential safety events in the veterans health administration. *Annual Research Meeting of Academy Health*, San Francisco, CA
- Luther SL**, Studnicki J, and Berndt D. (2003) The association between physician volume for CABG, practice pattern, specialty training, and select outcomes. *Annual Research Meeting of Academy Health*, Nashville, TN.
- Luther SL**. (2002) Survey of persons with spinal cord injury concerning neurogenic bowel outcomes. *American Paraplegia Society Annual Conference*, Las Vegas, NV.
- Luther SL**. (2002) Professional beliefs about clinical practice guidelines and guideline development. *American Paraplegia Society Annual Conference*, Las Vegas, NV.
- Neugaard B, **Luther SL**, Gail-Powell Cope G, and Nelson, A. (2002) Evaluating provider beliefs towards the VA care guide for ischemic heart disease. *Annual Meeting of the Association for Health Services Research*,
- Luther SL**, Studnicki, J, and Kromrey J. (2002) Creating synthetic comparison communities: a method to measure the impact of ambulatory care programs targeted to impact racial disparities. *First Annual Public Health Services Research Meeting, Sponsored by the Center for Disease Control in affiliation with the 2002 Academy of Health Services Research Meeting*,
- Luther SL**. et. al, (2002). A survey of veterans with spinal cord injury (SCI) concerning outcomes related to neurogenic bowel. *Annual Meeting of the Veterans Administration Health Services Research and Development*, Washington, DC.
- Luther SL**.and Studnicki, J. (2000) Physician volume and alternative surgical treatment for breast cancer in Florida. *Annual Meeting of the Academy for Health Services Research and Health Policy*.
- Luther SL** and Studnicki J. (1997) Factors associated with the surgical practice patterns of Florida general surgeons for localized breast cancer. *14<sup>th</sup> Annual Meeting of the Association for Health Services Research Abstract Book*. 333.
- Luther SL**. Heise. ST and S. Snow-Antle S. (1989) Maximizing the impact of a mobile cancer risk education program. *The Journal of Cancer Education*. 4, Supplement II., 30.

## Abstracts (continued)

- Heise ST and **Luther SL**. (1989) A mobile cancer risk education program. *The Journal of Cancer Education*, 4, Supplement II, 22.
- Weintraub RA and **Luther SL**. (1989) An acuity classification for a hospital based cancer information service. *The Journal of Cancer Education*, 4, Supplement II. 39.
- Luther SL**. Thomson A. and Gerlach RW. (1988) Education as a marketing strategy in promoting cancer programs: a comparison of educational and marketing constructs. *The Journal of Cancer Education*, 3 (4), 295-96.
- Gambosi J. and **Luther SL**. (1988) Expo '88 a community education program for individuals and families recovering from cancer. *The Journal of Cancer Education*, 3(4), 295.
- Luther SL**. Gambosi J. and Reese R. (1988) Production of effective written lay/patient education materials: Once you know exactly what you want to say, How do you get it in print? *The Journal of Cancer Education*, 3(4), 294.
- Gerlach RW and **Luther SL**. (1988) Health education in conjunction with a facility open house. *The Journal of Cancer Education*, 3(4), 277.
- Luther SL** and Sergi JS. (1988) Analysis of inquiries to a cancer information newspaper column. *The Journal of Cancer Education*, 3(4), 276.
- Luther SL** and Price JH. (1987) An education package to teach the public about common cancer misperceptions concerning cancer and cancer treatments. *The Journal of Cancer Education*, 2(4), 228.
- Luther SL** and Sergi JS. (1987) Retrospective analysis of a cancer information newspaper column. *Proc. Ohio Valley Lake-Erie Association of Cancer Centers*.
- Luther SL** and Price JH. (1986) Developing an educational program concerning common misperceptions about cancer. *The Journal of Cancer Education*, 1(3), 352.
- Luther SL**. and Price JH. (1986) Measuring common misperceptions about cancer held by the public. *Proc. Ohio Valley Lake-Erie Association of Cancer Centers*.
- Luther SL**. and Price JH. (1982) Breast and testicular self-exam: Evaluation of a high school curriculum project. *Proc. American Public Health Association*.
- Luther SL**. and Price JH. (1982) Developing a BSE and TSE curriculum for high school students. *Proc. American Association for Cancer Education*, 240.

## GRANTS/CONTRACTS

- 2012 Co-Investigator  
“Using Information from the EHR to Monitor Adherence to mTBI Practice Guidelines” RRP 12-450 Veterans Administration, Health Services and Development, QUERI [\$149,300]
- 2012 Principal Investigator  
“Leveraging Information in the EHR to Measure Pressure Ulcer Risk in Veterans with SCI” IIR 12-064 Veterans Administration, Health Services Research and Development [\$1,029,300]

## **GRANTS/CONTRACTS (continued)**

- 2011 Co-Principal Investigator  
“Veterans' Experiences using Secure Messaging on MyHealthVet” RRP 11-397 Veterans Administration Health Services Research and Development, Quality Enhancement Research initiative (QUERI) [\$99,700]
- 2011 Co-Investigator  
“Ontology-Enhanced Information Retrieval to Improve Clinical Practice” PPO-10-266 Veterans Administration Health Services Research and Development [\$99,700]
- 2010 Principal Investigator  
“Measuring Quality of Life in Veterans with Deployment-related PTSD” IIR 10-169 Veterans Administration, Health Services Research and Development [\$1,001,000]
- 2009 Tampa Site PI  
“Consortium for Healthcare Informatics Research” HIR 09-002. Veterans Administration, Health Services Research and Development [\$1,244,475]
- 2008 Principal Investigator  
“Using Text Mining to Differentiate Between PTSD and Mild TBI in OEF/OIF Veterans” SHP 08-153. Veterans Administration, Health Services Research and Development [\$122,400]
- 2008 Principal Investigator  
“Using Knowledge Discovery Strategies to Identify Fall-related Injuries in the VA” IIR 05-120-3. Veterans Administration, Health Services Research and Development [\$458,600]
- 2007 Co-Investigator  
“Early Trajectory of Wandering in Veterans with Mild Dementia”  
Veterans Administration, Health Services Research and Development [\$702,500]
- 2007 Co-Investigator  
“Blast-related Health Problem Identification and Polytrauma Taxonomy”  
Veterans Administration, Health Services Research and Development [\$313,900]
- 2006 Principal Investigator  
“The Quality of Treatment for Locoregional Breast Cancer in the VA” VA HSR&D IIR 06-053  
Veterans Administration, Health Services Research and Development [\$272,800]
- 2005 Co-investigator  
“Monitoring Pressure Ulcer Healing in Persons with SCI”  
Veterans Administration, Rehabilitation Research and Development [\$522,500]
- 2004 Co-investigator  
“Design of Folding Frame Motorized Carts”  
Veterans Administration, Rehabilitation Research and Development [\$311,300]

## **GRANTS/CONTRACTS (continued)**

- 2004 Co-investigator  
 “Psychometric Testing of the Safety Appraisal for Elders (SAFE<sup>SM</sup>)”  
 The Research Retirement Foundation [\$85,990]
- 2003 Co-investigator  
 “Development of Objective Measures of Physical Performance”  
 Veterans Administration, Health Services Research & Development [\$450,000]
- 2002 Co-investigator  
 “Applying AHRQ Patient Safety Indicators to VA Databases”  
 Veterans Administration, Health Services Research & Development [\$755,200]
- 2002 Co-investigator  
 Assessing the Impact of Environmental Hazard Exposure on the Health Status of Geographically  
 Defined Populations in Escambia and Santa Rosa Counties FL, EPA [\$180,000]
- 2002 Co-investigator  
 “Clinical Biomechanics of Wheelchair Transfers in Spinal Cord Injury: A Pilot Study”  
 Veterans Administration, VA Rehabilitation Research and Development [\$50,000]
- 2001 Co-investigator  
 North Broward Hospital District Benefit Analysis & Research Evaluation Project, North Broward  
 Hospital District [\$29,500]
- 1999 Co-investigator  
 “Implementation of Ischemic Heart Disease Practice Guidelines”  
 Veterans Administration, the Veterans Administration VISN 8 and Health Services Research and  
 Development [\$600,000]
- 1998 Co-Investigator  
 “Comprehensive Assessment for Tracking Community Health: Information Technology Initiative”  
 U.S. Department of Commerce [\$1,000,930]
- 1986 Principal Investigator  
 “Common Misconceptions Concerning Cancer and Cancer Treatments: Development and  
 Dissemination of an Educational Package”  
 Cancer Control Consortium of Ohio (CCCO) [\$5,000]
- 1985 Principal Investigator  
 “Educating the Public Concerning Common Misperceptions About Cancer and Cancer  
 Treatments” Cancer Control Consortium of Ohio [\$10,000]

## **SELECTED TECHNICAL REPORTS**

Dazio, VM, **Luther, SL**, Gavin-Dreschnack, D, Branch, LG. Psychometric Testing of the Safety Appraisal for Elders (SAFE<sup>SM</sup>). Consultant in Health and Risk Management Services, Inc. March 2007.

Studnicki J, **Luther S**, Berndt D, Fisher J. Identifying variation in mortality and morbidity for selected health outcomes at the postal zip code level in Escambia and Santa Rosa counties. Center for Health Outcomes Research, University of South Florida, Health Sciences Center, January 2004.

Studnicki J, Gipson L, **Luther S**, Campbell R, Werner D. The relationship between public hospital special taxing authority and population health outcomes. Center for Health Outcomes Research, University of South Florida, Health Sciences Center, 2000.

Studnicki J, **Luther S**. Impact study of North Broward Hospital District services on the health status of the community. Center for Health Outcomes Research, University of South Florida, Health Sciences Center, 2002.

Studnicki J, Chirikos TN, **Luther SL**. East central Florida pilot program: Inpatient cost efficiency comparisons. Department of Veterans Affairs, Under Secretary for Health. March, 2000.

## **SCIENTIFIC REVIEW PANNELS**

Member of the HSR&D Scientific Merit Review Board, HSR-3 (March 2011)

Mail reviewer for the HSR&D Scientific Merit Review Board, HSR-3 (August 2010)

Mail reviewer for Stage 1 of the NIH Challenge Grant applications (July 2009)

Member NIH Distinguished Editorial Panel for Emerging Technologies and Training in Neurosciences IRG (July 2009)

Member of the Scientific Merit Review Board, HSR-C (August 2009)

## **JOURNAL REVIEW**

Ad-hoc reviewer Injury Prevention

Ad-hoc reviewer Journal or Rehabilitation Research and Development

Ad-hoc reviewer BMC Bioinformatics

Ad-hoc reviewer Journal of Gerontology: Social Sciences

## **GRADUATE STUDENT COMMITTEES (MEMBER)**

Robert S. Fry, Doctor of Philosophy, Department of Health Policy and Management, University of South Florida, College of Public Health, November 2002.

Shaila Khuspe, Masters of Science in Public Health, Department of Health Policy and Management, University of South Florida, College of Public Health, March 2003.

John McCraney, Doctor of Philosophy, Department of Health Policy and Management, University of South Florida, College of Public Health, July 2004.

Tracy Perez-Koehlmoos, Doctor of Philosophy, Department of Health Policy and Management, University of South Florida, College of Public Health, February 2005.

Donald Kyrtica, Doctor of Philosophy, University of South Florida, College of Nursing, December 2007.

Jay Jarman, Doctor of Philosophy, University of South Florida, College of Business, Department of Information Sciences and Decision Support, December 2011.

Dezon Finch, Doctor of Philosophy, University of South Florida, College of Business Department of Information Sciences and Decision Support, December 2012.

## **PROFESSIONAL DEVELOPMENT AND TRAINING**

Modern Psychometrics & Health Outcomes Assessment. Seminars in Health Services Research Methods. Association for Health Services Research. Washington DC, June 2002.

Risk Adjustment for Measuring Health Care Outcomes. Seminars in Health Services Research Methods. Association for Health Services Research. Atlanta GA, June 2001.

The Quality Toolbox. Seminars in Health Services Research Methods. Association for Health Services Research. June, Chicago IL, June 1999.

Partners in Managing Health of the Community. Summer Institute. Chapel Hill, NC, June 1998.

## **PROFESSIONAL MEMBERSHIPS**

Academy Health

American Medical Informatics Association

American Public Health Association

American Education Research Association

## **PROFESSIONAL AND COMMUNITY SERVICE**

2002	Reviewer Draft Patient Safety Indicators, Developed by the USCF-Stanford Evidence-based Practice Center for the Agency for Health Care Research and Quality.
1992-96	Lifetime Choices, H. Lee Moffitt Cancer Center and Research Institute Editorial Board Member
1993-94	American Cancer Society, Greater Tampa Bay area Chairman, Program Committee
1990-93	Magnet Schools Committee, Hillsborough County School Board, Tampa, FL Member
1989-90	American Cancer Society, Hillsborough County Unit Chairman, Youth Education Committee Member, Board of Directors
1985-89	American Cancer Society, Cuyahoga County Unit Member, Board of Directors and Executive Committee
1988-89	American Cancer Society, Ohio Division Member, Public Health Education Committee

