

BIOGRAPHICAL SKETCH

NAME William B. Lober	POSITION TITLE Associate Professor		
eRA COMMONS USER NAME WLOBER			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Tufts University, Medford, MA	BSEE	1976-80	Electrical Engr.
University of California, Davis		1980-81	Computer Engr.
Yale University, New Haven		1981	Geographic
University of California, Berkeley	MS	1989-92	Health Sciences
University of California, S.F.	MD	1992-94	Medicine
University of Arizona, Tucson	Resident	1994-97	Emergency
Royal Brisbane Hospital, Queensland	Registrar	1997	Emergency
University of Washington, Seattle	Fellowship	1998-1999	Structural Inf.
NLM Extramural Fellowship	Fellowship	1999-2001	Medical Inf.

A. Positions and Honors.Current Faculty Positions

2005 - ... Associate Professor, School of Nursing, University of Washington

2005 - ... Adjunct Associate Professor, School of Public Health UW

2006 - ... Associate Professor (Joint), School of Medicine, UW

Current Informatics Positions

2000 - ... Director, Clinical Informatics Research Group, UW

Related Regional and National Activities

2004 Study Section, Bioterrorism Preparedness Special Section, AHRQ

2004 - 05 Scientific Program Committee, 2005 Annual AMIA Symposium

2004 - 05 Organizing Chair, 4th Annual National Syndromic Surveillance Conference

2004 - ... Executive Committee, Open Source Working Group, AMIA

2004 - ... Award Committee, Davies Public Health Award, HIMSS

2005 - ... Board of Directors, Syndromic Surveillance Society

2005 - ... Reviewer, NLM/NIH R21 Grants Review Panel

2004 - 05 Conference Committee, 5th Annual National Syndromic Surveillance Conf.

B. Selected peer-reviewed publications (from 48 papers and refereed abstracts)

Stewart BK, Fuller SF, Ramey JA, Lober WB, et. al., Chou D, Weghorst SJ, Langer SG, Martin KP, Ketchell DS, Robinson TA, Maberry R, Li H, Tumor Conferencing Tools for Regional Collaborative Cancer Care Using the Next Generation Internet, Proc AMIA Symp 2001, :836, November 2001.

Berry DL, Galligan M, Monahan M, Karras BT, Lober WB, Martin S, Austin-Seymour M. Computerized Quality of Life Assessment in Radiation Oncology, Advancing Nurs. Pract. State of the Science Conf. Proc., Washington, DC, September 2002.

LJ Trigg, DL Berry, BT Karras, WB Lober, Development of a Wireless Web Based Infrastructure to Support Collection of Patient Self-Reported Quality of Life & Symptom Information in a Clinical Setting, Proc AMIA Symp 2002, November 2002.

- Li H, Lober WB, Trigg LJ, Dockrey MR, Chou D, Stewart B. Iterative Development of a Web Application to Support Teleconferencing of a Distributed Tumor Board, Proc AMIA Symp 2002, November 2002.
- Lober WB, Bliss D, Dockrey MR, Davidson AJ, Karras BT. Communicable Disease Case Entry Using PDAs and Public Wireless Networks. AMIA Annu Symp Proc.
- Berry DL, Trigg LJ, Lober WB, Karras BT, Galligan ML, Austin-Seymour M, Martin S. Computerized Symptom and Quality of Life Assessment for Patients with Cancer: Part I – Development and Pilot Testing. Oncol Nurs Forum. 2004 Sep 17;31(5):E75
- Lober WB, Baer A, Karras BT, Duchin JS. Collection and Integration of Clinical Data for Surveillance, Medinfo 2004;11(Pt 2):1211-5.
- Rahmedov AB, Dharia AK, Jester JD, Lober WB. Using Joint Application Development to Model Information Behavior in a Gastrointestinal Research Lab, Medinfo. 2004
- Lober WB, Trigg LJ, Karras BT: Centers for Disease Control and Prevention (CDC). Information System Architectures for Syndromic Surveillance, MMWR Morb Mortal Wkly Rep. 2004 Sep 24; 53(Suppl):203-208.
- Van Eaton EG, Horvath KD, Lober WB, Rossini AJ, Pellegrini CA. A Randomized, Controlled Trial Evaluating the Impact of a Computerized Rounding and Sign-out System on Continuity of Care and Resident Work Hours, J Am Coll Surg. 2005 Apr;200(4):538-45.
- Lober, WB, Wulff, JR, Rae L, Berry, DL. Usability evaluation of a patient-centered web-based information intervention. Proceedings of the 2005 Multidisciplinary Prostate Cancer Symposium. Orlando, Feb 17-19, 2005, p.99.

C. Design & Grant Experience and Research Support, by ending date

6/07-7/12 **Investigator (Informatics Lead) \$500K subbudget**, “NA-ACCORD” and “CNICS” data coordinating centers. *Lead informaticist, with direct budget control, responsible for integration of heterogeneous clinical data in two large scale HIV data integration projects, a 3 year national project, and a 5 year global project. (a portion of this funding is pending) National Institute for Allergy and Infectious Disease*

9/06-8/10 **Investigator (Informatics Lead)**, “Personal Patient Profile - Prostate:A Customized Internet Decision Support Program”. *Multi-site national clinical trial of a previously developed web based decision support tool for men with prostate cancer. National Cancer Institute.*

3/06-12/07 **Principal Investigator**, “Database Integration Research” *Develop and apply methods for automated electronic data collection and data integration to the continued development of the Washington State Department of Health Public Health Reporting of Electronic Data*

9/02-8/07 **Investigator (Informatics Lead)** “Personal Health Information Management System” *This project consists of health related activities that explore the use of technology in the home care setting, including the use of personal health records by underserved patients. Singapore A*STAR*

6/04-5/07 **Investigator (Informatics Lead)**, “Electronic Self Report Assessment - Cancer”. *Develop, pilot test, and assess a web based quality of life assessment across multiple services areas in a major cancer center. Assess utility in increasing appropriate referrals. National Cancer Institute.*

7/04-3/07 **Principal Investigator (UW sub contract) \$307K budget**, “Puget Sound Infectious Disease Tracking System”, *Integrated public health reporting, evaluating utility of integrated surveillance, and developing capabilities for civilian/military data sharing, US Army Medical Research Program.*