

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Howland, Lois Chandler	POSITION TITLE Associate Professor		
eRA COMMONS USER NAME			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
University Of California San Francisco, San Francisco, CA	BSN	1972	Nursing
University Of California San Francisco, San Francisco, CA	MSN	1975	Maternal-Child Nursing
Harvard School Of Public Health, Boston, MA	MPH	1978	Maternal & Child Health
Harvard School Of Public Health, Boston, MA	MS	1994	Maternal & Child Health
Harvard School Of Public Health, Boston, MA	DrPH	1998	Maternal & Child Health
Virginia Commonwealth University, Richmond, VA	Post doctoral fellow	2006-2007	Biobehavioral Clinical Research

A. Positions and Honors.**Positions and Employment**

- 1972 – 1973 Staff Nurse, Pediatrics, H. C. Moffitt Hospital, San Francisco, California
- 1973 – 1974 Staff Nurse, Children's Health Center, San Francisco General Hospital, San Francisco, California
- 1975 – 1977 Continuing Education Specialist/Director, Child Health and Disability Prevention Screening Training Program, Department of Family Health Care Nursing, University of California San Francisco, School of Nursing, San Francisco, California
- 1978 – 1979 Lecturer – Department of Family Health Care Nursing, University of California San Francisco, School Of Nursing, San Francisco, California
- 1979 – 1981 Assistant Professor, School of Nursing, Memorial University of Newfoundland, St. John's, Newfoundland, Canada
- 1982 – 1984 Private Consulting in Maternal and Child Health, Morgantown, West Virginia
- 1984 – 1986 Assistant Professor, School of Nursing, West Virginia University, Morgantown, West Virginia
- 1989 – 1990 Coordinator HIV Risk Reduction, Department of Pediatrics, University of Massachusetts Medical School, Worcester, Massachusetts
- 1990 – 1991 Clinical Nurse Associate/Pediatric Nurse Practitioner, Department of Pediatrics University of Massachusetts Medical School, Worcester, Massachusetts
- 1991 – 1993 Research Study Coordinator, Department of Pediatrics, University of Massachusetts Medical School, Worcester, Massachusetts
- 1999 – 2000 Research Project Director, Graduate School of Nursing, University of Massachusetts, Worcester, Massachusetts
- 2000 – 2005 Assistant Professor, Graduate School of Nursing, University of Massachusetts, Worcester, Massachusetts
- 2006-2007 Post Doctoral Fellow, Center for Biobehavioral Clinical Research, School of Nursing, Virginia Commonwealth University, Richmond, Virginia
- 2007-present Associate Professor, Hahn School of Nursing and Health Science, University of San Diego, San Diego, California

Other Experience and Professional Memberships

Reviewer, External Review – Special Emphasis Panel, Prevention Research Centers Program, Centers for Disease Control and Prevention, June 23-24, 2004.

Reviewer, *Journal of Nurses in AIDS Care* (appointed 2006)

Reviewer, *Pediatrics* (appointed 2001 to 2002)

Reviewer, Individual and workshop abstracts related to public health for Pediatric Academic Societies Annual Meeting (2003 and 2004)

Member, Pediatric AIDS Clinical Trials Group Protocol 219/219C Study Team, DAIDS, NIAID, NIH

Member, Association of Nurses in AIDS Care

Member, Ambulatory Pediatric Association (Co-chair, Special Interest Group for AIDS/HIV)

Member, American Nurses Association

Member, Virginia Association of Registered Nurses

Member, Sigma Theta Tau, Iota Phi Chapter-at-Large

Member, American Public Health Association

Member, Society of Behavioral Medicine

B. Selected peer-reviewed publications (in chronological order).

1. **Howland L**, Sullivan-Bolyai S, Bova C, Klar R, Harper D, & Schilling L. The research advisory committee (RAC): An effective forum for developing a research dynamic environment. *Journal of Professional Nursing* (in press)
2. **Howland LC**. (2007) Preterm birth: Implications for family stress and coping. *Newborn and Infant Nursing Reviews*, 7(1), 49-54.
3. **Howland L**, Storm D, Crawford S, Ma Y, Gortmaker S, Oleske JM and the 219C Study Team. (2007). Negative life events: Risk to impaired quality of life in children with HIV infection. *Journal of Nurses in AIDS Care*. 18(1), 3-11.
4. Parker, EB & **Howland, LC**. (2006). Strategies to manage time demands of online education. *Nurse Educator*, 31(6), 270-274.
5. Storm D, Boland M, Gortmaker S, He Y, Skurnick J, **Howland L**, Oleske J, for the Pediatric AIDS Clinical Trials Group Protocol 219 Study Team. Protease Inhibitor Combination Therapy, Severity of Illness, and Quality of Life in Children with Perinatally Acquired HIV-1 Infection. *Pediatrics*, 115(2):e173-82 (Epub 2005 Jan 3).
6. **Howland LC**, Gortmaker SL, Mofenson LM, Spino C, Gardner JD, Gorski H, Fowler MG, Oleske J. (2000). Effects of negative life events on immune suppression in children and youth infected with HIV-1. *Pediatrics*, 106, 540-546.

Published Abstracts/Invited Presentations

1. Howland LC, Crawford S, Leung K, Oleske JM. Negative life events: Associations with impaired quality of life and increased health care Utilization among children 5-21 years with HIV infection. 133rd Annual Meeting American Public Health Association, December 11, 2005, Philadelphia, PA (poster presentation).
2. Howland LC, Crawford SL, K Gendreau, Storm D, Oleske JM. Relationship of negative life events to increased behavior problems in children with HIVinfection: A longitudinal analysis. Region 1 Annual Meeting, Ambulatory Pediatric Association, April 8, 2005, Sturbridge, MA (invited oral presentation)
3. Howland LC. Understanding quality of life in children with HIV infection. (Concurrent Session – AIDS/HIV Special Interest Group). Ambulatory Pediatric Association, Annual Meeting, May 2, 2004, San Francisco, CA. (oral presentation)
4. Howland LC, Crawford SL, Storm D, Ma Y, Oleske JM. Factors affecting change in quality of life in children with HIV infection: A random effects model approach. Pediatric Academic Societies' Annual Meeting, May 2, 2004, San Francisco, CA (poster presentation).
5. Howland LC, Crawford SL, Storm D, Ma Y, Oleske JM. Factors affecting change in quality of life in children with HIV infection: A random effects model approach. Eastern Society for Pediatric Research, March 27, 2004, Old Greenwich, CT (invited oral presentation)
6. Change in prevalence of stressful life events and sociodemographic factors in children with HIV infection between 1993 and 2000. 16th Annual Scientific Sessions of the Eastern Nursing Research Society, April 2, 2004, Quincy, MA (poster presentation)

7. Howland LC, Storm D, Crawford SL, Ma Y, Bova C, Boland MG. Sociodemographic and stress-related factors associated with quality of life in children and youth with human immunodeficiency virus infection. 15th annual scientific sessions of the Eastern Nursing Research Society, March 27-29, 2003, New Haven, CT (poster presentation).
8. Howland LC, Gortmaker SL, Mofenson LM, Spino C, Gardner JD, Gorski H, Fowler MG, Oleske J. Effects of negative life events on CD4% impairment in a group of children infected with HIV-1. 25th AIDS Clinical Trials Groups Meeting, August 1-3, 1998, Washington, DC (poster presentation).
9. Howland LC, Gortmaker SL, Mofenson LM, Spino C, Gardner JD, Gorski H, Fowler MG, Oleske J. Association of change in immune function and social factors with change in quality of life. (25th AIDS Clinical Trials Groups Meeting, August 1-3, 1998, Washington, DC (poster presentation).

C. Research Support

(Storm, D) 9/31/00-9/31/05
NIH/NINR (R01 NR07975) \$1,036,985 (\$399,793 – University of Massachusetts sub-contract)
Quality of Life in Children and Youth with Perinatally Acquired HIV-Type 1 Infection
Major goal of this project is to characterize the quality of life and changes in quality of life over time among children perinatally exposed and infected with HIV (secondary data analysis of data from Pediatric AIDS Clinical Trials Protocol #219).
Role: Site PI (50%)

(Luzuriaga, KR) 5/01/03-04/30/04
PACTG/DIAIDS/NIH \$35,000
Pediatric AIDS Clinical Trials Unit Adolescent Activity Plan
Major aims of this grant is to (1) developing strategic community collaborations to improve outreach and access of adolescent to HIV screening and treatment, and (2) development of strategies to improve adherence to treatment by adolescents eligible for enrollment in PACTG clinical trials.
Role: Co-PI and project coordinator (10%)

(Howland, LC) 9/01/03-8/31/04
Commonwealth Corporation \$99,500
Pediatric Home Care Training Program
Major aim of this project is to develop and conduct a short-term program to prepare registered nurses to care for medically-complex children receiving home and community-based care.
Role: PI and project evaluation (5%)