

BIOGRAPHICAL SKETCH

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

NAME Russell V. Luepker		POSITION TITLE Mayo Professor	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Grinnell College, Grinnell, IA	B.A.	1964	History
University of Rochester, Rochester, NY	M.D.	1969	Medicine
Harvard University, Boston, MA	M.S.	1976	Epidemiology

The Biographical Sketch may not exceed four pages. Items A and B, together, may not exceed two of the four-page limit.

A. Positions and Honors. List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

Positions

1967-68 NIH Research Fellow, Cardiology, University of Göteborg, Sweden.
 1969-70 Intern in Medicine, University of California, San Diego, CA.
 1970-73 Senior Assistant Surgeon, USPHS Hospital, Baltimore, MD.
 1972-74 Assistant in Medicine, Johns Hopkins University, Baltimore, MD.
 1973-74 Assistant Resident in Medicine, Peter Bent Brigham Hospital, Boston, MA.
 1974-76 Fellow in Medicine (Cardiology), Harvard University, Boston, MA.
 1976-80 Assistant Professor, Laboratory of Physiological Hygiene and Medicine.
 1980-87 Associate Professor, Epidemiology and Medicine.
 1986 Visiting Professor, Quarter Leave, Cardiology, University of Göteborg, Sweden.
 1987-present Professor, Epidemiology and Medicine.
 1995 Visiting Professor, Quarter Leave, Cardiovascular Epidemiology Unit, Univ. of Dundee, Scotland.
 1991-2004 Head, Division of Epidemiology,
 2001-present Mayo Professor of Public Health

Honors

1969 M.D. with Distinction, University of Rochester.
 1970 Alfred B. Richie Prize for Medical Research, American College of Chest Physicians.
 1975-77 National Research Service Award, NHLBI.
 1989 Distinguished Alumni Award, Grinnell College.
 1990 Bush Leadership Fellowship, Carnegie-Mellon University.
 1996 Ph.D. (h.c.) University of Lund, Sweden.
 1997 Award of Merit, American Heart Association, Dallas.
 1998 Fellow, European Society of Cardiology.
 1999 Joseph Stokes Award, American Society of Preventive Cardiology, Orlando.

Committees (Federal)

Honolulu Heart Study Policy Board, NHLBI, 1985-present, Chair, 1991-present.
 Child and Adolescent Trial for Cardiovascular Health, NHLBI, Steering Committee Chair, 1987-present.
 Cardiovascular Health Study Advisory Committee, NHLBI, 1989-2003.
 National Institutes of Health. Epidemiology and Disease Control Study Section (Subcommittee 1), Division of Research Grants, 1991-95. Chair, 1995-96.
 Rapid Early Action for Coronary Trial (REACT), NHLBI, Steering Committee Chair, 1994-present.
 National Cholesterol Education Program (NCEP), ATP III Committee, 1999-2002.
 Framingham Heart Study Advisory Panel, Chair, 2001-present.
 NHLBI Genetic Result Reporting Working Group, NHLBI, Chair, 2004-present.

B. Selected peer-reviewed publications (in chronological order). Do not include publications submitted or in preparation. **From over 300.**

- Luepker RV, Illingworth DR, Pasternak RC, Sprecher DL. NCEP Guidelines: New Recommendations and Implications in Primary Care. *Medical Crossfire* 3: 33-45, 2001.
- Luepker RV. Cardiovascular Disease Among Mexican Americans. (Editorial) *Am J Med* 110: 147-148, 2001.
- The Joint European Society of Cardiology/American College of Cardiology Committee (Luepker RV). Myocardial Infarction Redefined -- a Consensus Document of The Joint European Society of Cardiology/American College of Cardiology Committee for the Redefinition of Myocardial Infarction. *Clin Chem* 47: 382-392, 2001.
- Diagnosis and Management of Dental Caries Throughout Life. NIH Consensus Statement 2001 March 26-28; 18(1) 1-30. (Dr. Luepker served on the Consensus Panel).
- Osganian SK, Zapka JG, Feldman HA, Goldberg RJ, Hedges JR, Eisenberg MS, Raczynski JM, McGovern PG, Cooper LS, Pandey DK, Linares AC, Luepker RV, for the REACT Study Group. Use of Emergency Medical Services for Suspected Acute Cardiac Ischemia Among Demographic and Clinical Patient Subgroups: The REACT Trial. *Prehospital Emergency Care* 6: 175-185, 2002.
- Kelder SH, Osganian SK, Feldman HA, Webber LS, Parcel GS, Luepker RV, Wu MC, Nader PR. Tracking of Physical and Physiological Risk Variables among Ethnic Subgroups from Third to Eighth Grade: The Child and Adolescent Trial for Cardiovascular Health Cohort Study. *Prev Med* 34: 324-333, 2002.
- Goldberg RJ, Osganian S, Zapka J, Mitchell P, Bittner V, Daya M, Luepker R. Prehospital Delay in Individuals with Acute Coronary Disease: Concordance of Medical Records and Follow-up Phone Interviews. *Cardiology* 97: 159-165, 2002.
- Arnett DK, McGovern PG, Jacobs DR Jr., Shahar E, Duval S, Blackburn H, Luepker RV. Fifteen-Year Trends in Cardiovascular Risk Factors (1980-1982 through 1995-1997): The Minnesota Heart Survey. *Am J Epidemiol* 156: 929-935, 2002.
- Luepker RV. Cardiovascular Diseases. *In: Oxford Textbook of Public Health (Fourth Edition)*. (Detels R, McEwen J, Beaglehole R, Tanaka H, eds). New York, NY: Oxford University Press, pp. 1127-1154, 2002.
- Benjamin EJ, Smith SC Jr., Cooper RS, Hill MN, Luepker RV. Task Force #1 — Magnitude of the Prevention Problem: Opportunities and Challenges. 33rd Bethesda Conference. *J Am Coll Cardiol* 40: 588-603, 2002.
- Prospective Studies Collaboration (Luepker RV). Age-Specific Relevance of Usual Blood Pressure to Vascular Mortality: A Meta-Analysis of Individual Data for One Million Adults in 61 Prospective Studies. *The Lancet* 360: 1903-1913, 2002.
- Harnack L, Lee S, Schakel SF, Duval S, Luepker RV, Arnett DK. Trends in the Trans-Fatty Composition of the Diet in a Metropolitan Area: The Minnesota Heart Survey. *J Am Diet Assoc* 103: 1160-1166, 2003.
- McKenzie TL, Li D, Derby CA, Webber LS, Luepker RV, Cribb P. Maintenance of Effects of the CATCH Physical Education Program: Results From the CATCH-ON Study. *Health Educ Behav* 30: 447-462, 2003.
- Kelder SH, Mitchell PD, McKenzie TL, Derby C, Strikmiller PK, Luepker RV, Stone EJ. Long-Term Implementation of the CATCH Physical Education Program. *Health Educ Behav* 30: 463-475, 2003.
- Kim J, Hammar N, Jakobsson K, Luepker RV, McGovern PG, Ivert T. Obesity and the Risk of Early and Late Mortality After Coronary Artery Bypass Graft Surgery. *Am Heart J* 146: 555-560, 2003.
- Luepker RV. Recruitment and Retention of Patients and Site Management. *SoCRA SOURCE* 36: 10-12, 2003.
- Luepker RV. Efforts to Shorten Delay Time and Treatment of Acute Myocardial Infarction. *In: Harrison's Advances in Cardiology*. (Braunwald E, ed). New York, NY: The McGraw Hill Companies, pp. 129-133, 2003.
- Luepker RV, Apple FS, Christenson RH, et al. Case Definitions for Acute Coronary Heart Disease in Epidemiology and Clinical Research Studies. A Statement From the AHA Council on Epidemiology and Prevention; AHA Statistics Committee; World Heart Federation Council on Epidemiology and Prevention; the European Society of Cardiology Working Group on Epidemiology and Prevention; Centers for Disease Control and Prevention; and the National Heart, Lung, and Blood Institute. *Circulation* 108:2543-2549, 2003.
- Herlitz J, McGovern P, Dellborg M, Karlsson T, Duval S, Karlson BW, Lee S, Luepker RV. Comparison of Treatment and Outcomes for Patients With Acute Myocardial Infarction in Minneapolis/St. Paul, Minnesota, and Göteborg, Sweden. *Am Heart J* 146:1023-1029, 2003.
- Goff DC, Michell P, Finnegan J, Pandey D, Bittner V, Feldman H, Meischke H, Goldberg RJ, Luepker RV, Raczynski JM, Cooper L, Mann C, for the REACT Study Group. Knowledge of Heart Attack Symptoms in 20 US Communities. Results from the Rapid Early Action for Coronary Treatment (REACT) Community Trial. *Prev Med* 38:85-93, 2003.
- Luepker RV, Evans A, McKeigue P, Reddy KS. *Cardiovascular Survey Methods (Third Edition)*. Geneva, Switzerland, World Health Organization, 2004.

C. Research Support. List selected ongoing or completed (during the last three years) research projects (federal and non-federal support). Begin with the projects that are most relevant to the research proposed in this application. Briefly indicate the overall goals of the projects and responsibilities of principal investigator identified above.

LUEPKER, RUSSELL V.

ACTIVE

R01 HL60959-04 (Shahar) 8/15/98-6/30/04
NIH/NHLBI

Community Surveillance of Congestive Heart Failure

Congestive Heart Failure (CHF) has been singled out as an emerging epidemic with an increase in prevalence and the size of the population at risk. In this application, we propose to conduct systematic surveillance of CHF among residents, 35-84 years old, of the Mpls.-St. Paul metropolitan area.

Role: Co-Investigator

R01 HL23727-24 (Luepker) 3/1/00-2/28/05
NIH/NHLBI

Community Surveillance of CVD-Risk Factor Survey

A survey of 5,000 adults, ages 25-74 years, and children ages 8-17 years will be conducted using methodology identical to prior MHS surveys done in 1980-82, 1985-87, 1990-92, and 1995-97.

Role: Co-Investigator

R01 NS39028-04 (Luepker) 9/30/00-6/30/05
NIH/NINDS

Minnesota Stroke Survey

Hospitalized stroke among 30-84 year old residents of the Minneapolis-St. Paul metropolitan area were surveyed in the year 2000. A study of outcomes of stroke will be added.

Role: Principal Investigator

R01 HL65755-04 (Luepker) 8/1/00-6/30/05
NIH/NHLBI

Community Surveillance of CHD and Sudden Death (MHS)

We continue efficient MHS data collection in the following domains: 1) continue surveillance of coronary heart disease mortality through the year 2002; 2) monitoring trends in AMI occurrence and survival by surveillance of hospitalized AMI in the year 2000; 3) evaluation of the effect on AMI diagnosis of the widespread use of new, highly sensitive and specific biomarkers (troponins); and 4) evaluation of out-of-hospital sudden cardiac death (SCD) through an autopsy in a population sample of victims utilizing modern anatomical, histological, toxicologic and interview-based data to better characterize this fatal condition of coronary heart disease (CHD).

Role: Principal Investigator

K30 HL04104-04 (Glasser) 9/30/00-8/31/05
NIH/NHLBI

Clinical Research Curriculum Award

This program enrolls trainees drawn from all the clinical disciplines of the Academic Health Center to provide an academic degree (MS) in clinical research.

Role: Co-Investigator

U10 HL54496-09 (Arnett) 9/6/00-6/30/05
NIH/NHLBI

HyperGEN-Minneapolis Field Center

A network of collaborating institutions proposes a study of hypertensives and their siblings to identify how heredity and environment interact in producing high blood pressure.

Role: Co-Investigator

LUEPKER, RUSSELL V. (continued)

ACTIVE (continued)

U01 HL72524-02 (Arnett) 9/30/02-8/31/06

Genetic and Environmental Determinants of Triglycerides

This is a proposal for a study of genetic and environmental determinants of triglycerides including a randomized clinical trial.

Role: Co-Investigator

T32 HL07328-25 (Perry)

7/1/99-3/23/05

NIH/NHLBI

The Behavioral Aspects of Cardiovascular Disease

To train individuals for research and academic careers in the interface between health behavior and cardiovascular disease.

T32 HL07779-09 (Folsom)

7/1/04-6/30/09

NIH/NHLBI

Cardiovascular Disease Epidemiology and Prevention

Training grant in epidemiology and prevention of cardiovascular disease.

COMPLETED

R01 HL66643-02 (Steffen)

09/12/00–08/31/202

NIH/NHLBI – Sub. To Harvard University

The Relation of Diet to Serum Homocysteine Levels in an Adolescent Cohort

Study of the relation of diet to serum homocysteine levels in an adolescent cohort.

Role: Co-Principal Investigator

Contract #500-96-0023

01/01/99–12/31/01

Health Care Financing Agency

Research Data Assistance Center (RESDAC) Technical Proposal Task Order

This study will evaluate the Medicare database for cardiovascular disease and diabetes outcomes.

Role: Co-Investigator

R01 HL23737 (Luepker)

07/01/94–06/30/00

NIH/NHLBI

Community Surveillance of Cardiovascular Disease

Understanding trends in acute myocardial infarction and stroke and their associations in a population.

Role: Principal Investigator responsible for overseeing the project.

R01 HL589262 (Lytle)

04/01/98–03/31/00

NIH/NHLBI

CATCH: A Study of Institutionalization

To study the degree to which CATCH intervention goals are being maintained or institutionalized in the original 56 CATCH intervention schools and the degree to which these intervention outcomes are being achieved in the 40 control schools.

Role: Co-Investigator