

RALPH R. FRERICHS

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Work Address: Department of Epidemiology
Fielding School of Public Health
University of California, Los Angeles (UCLA), Los Angeles, CA 90095-1772

Email: frerichs@ucla.edu

Born: October 3, 1942 Berlin, Germany

Spouse: Marcy M. Frerichs (deceased), Rita J. Flynn

Children: Peter M. Frerichs (June 8, 1975)
Christine J. Frerichs (July 29, 1979)

Current Position:

Professor Emeritus of Epidemiology
UCLA School of Public Health November 1, 2008 - present

Past Positions:

Professor of Epidemiology
UCLA School of Public Health, Los Angeles, CA 1984-2008

Chair, Division of Epidemiology (1988) and then founding Chair, Department of Epidemiology (1989)
UCLA School of Public Health, Los Angeles, CA 1988-2001

Assistant and Associate Professor of Epidemiology
UCLA School of Public Health, Los Angeles, CA 1978-1984

Assistant Professor
Department of Public Health and Preventive Medicine
Louisiana State University (LSU) Medical School
New Orleans, LA 1973-1978

Epidemiologist
Specialized Center of Research - Arteriosclerosis (SCOR-A)
L.S.U. Medical Center, New Orleans, LA 1973-1978

Instructor
Department of Epidemiology
Tulane School of Public Health and Tropical Medicine
New Orleans, LA 1972-1973

Research Associate
International Center for Medical Research and Training (ICMRT)
Tulane University
Universidad del Valle, Cali, Colombia 1971-1972

Lecturer
Department of Epidemiology
Tulane School of Public Health and Tropical Medicine
New Orleans, LA 1971

First Lieutenant, Captain
United States Army Veterinary Corps
Birmingham, AL 1967-1969

Professional Experience:

- Consultant: Survey of low-cost health delivery systems in developing countries, APHA, Washington, DC (1977)
- Consultant: Rural health care delivery project, USAID and American Public Health Association (APHA), La Paz and Santa Cruz, Bolivia (Aug, 1975; Aug, 1976; Sept, 1977; June, 1978)
- Consultant: Bolivian rural health information system, Management Sciences for Health (MSH), Boston, Massachusetts (Sept, 1978)
- Consultant: Determinants of infant feeding practices, United States Agency for International Development (USAID), Ministry of Health, Tegucigalpa, Honduras (Sept, 1981)
- Consultant: Heptachlor in Hawaii - the Feasibility of an Epidemiologic Survey, United States Environmental Protection Agency (EPA), Honolulu, Hawaii (Sept-Oct, 1984)
- Consultant: Microcomputers and epidemiologic analyses, Western Consortium for Public Health, Inc., National Institute of Prev. and Social Medicine, Dhaka, Bangladesh (Nov-Dec, 1984)
- Program Chairman of Epidemiology Section: American Public Health Association (1984-1986)
- Member, Board of Directors: Western Consortium for Public Health, Inc., Berkeley, CA (1986-1990)
- Review Committee: Programmatic Association between the Schools of Public Health and Veterinary Medicine, University of Minnesota, Minneapolis, Minnesota (Nov, 1986)
- Consultant: Burma Primary Health Care Project, Western Consortium for Public Health, Inc., Ministry of Health, Rangoon, Burma (Aug-Sept, 1985; Jan-Feb, 1986; July-Aug, 1986; April-May, 1987)
- Temporary advisor: World Health Organization Special Program on AIDS, Geneva, Switzerland (Sept, 1987)
- Consultant: Rapid computer-assisted surveys, University Research Corporation (URC/PRICOR), Management Improvement Unit, Ministry of Health, Sisaket, Thailand (Nov-Dec, 1987)
- Ralph Sachs Visiting Scholar: Rapid Surveys in Developing Countries, University of California at Berkeley, Berkeley, California (March, 1988)

- World Health Organization (WHO) Consultant: Department of Epidemiology and Biostatistics, University of the Philippines at Manila, Manila, Philippines (Sept, 1988)
- Consultant: Operations research on acute respiratory infections, Western Consortium for Public Health, Inc. and University Research Corporation (URC/PRICOR), Center for Child Survival, University of Indonesia at Depok, Jakarta, Indonesia (July, 1988; July, 1989)
- Consultant: Rapid computer-assisted surveys, Family Health International, Durham, North Carolina (Jan, 1989)
- Organizer and workshop presenter: Rapid microcomputer-assisted surveys for AIDS investigations, UCLA/Fogarty AIDS Training Prog., Brasilia, Brazil (Sept, 1989), Manila, Philippines (Sept, 1989), Bangkok, Thailand (Aug, 1989), Jakarta, Indonesia (Sept, 1990)
- Guest Editor: Rapid epidemiologic assessment (supplement edition), International Journal of Epidemiology (1989-90)
- Consultant: Operations research on family planning, The Population Council, Nairobi, Kenya (July, 1990)
- Program Chairman: XII Scientific Meeting of the International Epidemiological Association (IEA), August 5-9, 1990, Los Angeles, California (1989-90)
- Organizer and workshop presenter: Policy-oriented epidemiological research on HIV/AIDS, UCLA/Fogarty AIDS Training Program, Bangkok, Thailand (Sept, 1990 and July, 1991) and Manila, Philippines (Sept, 1990)
- Consultant: HIV surveillance and leprosy research, Ministry of Health, Yangon, Union of Myanmar (July, 1991)
- Consultant: Surveillance for HIV/AIDS. Department of Health and United States Agency for International Development, Manila, Philippines (August, 1991)
- Technical Advisor: Survey for Vitamin A Deficiency (Sudarto Ronoatmodjo), Indonesia. Agency for International Development/Jakarta, Los Angeles (August, 1991)
- Organizer and workshop presenter: Surveillance for HIV/AIDS, World AIDS Foundation, Yangon, Myanmar (Dec. 10-14, 1991)
- Technical Advisor: Surveillance for HIV/AIDS) Information for Action (workshop conducted by R. Detels and K. Ungchusak). UCLA/Fogarty AIDS Training Program, Manila, Philippines (January, 1992)
- Consultant: Implementation of an HIV/AIDS Control Program for the Philippines) A Proposal for Action (report jointly prepared with R. Detels). United States Agency for International Development, Manila, Philippines (February, 1992)
- Technical Advisor: The HIV/AIDS Epidemic (workshop conducted by R. Detels). UCLA/Fogarty AIDS Training Program, Rio de Janeiro, Brazil (February, 1992)
- Organizer and workshop presenter: Establishing an effective surveillance system for HIV/AIDS, World AIDS Foundation, Jakarta, Indonesia (March 23-27, 1992)
- Consultant: Integrated approach to operations research for strengthening the MOH Family Planning Program in Kenya, Population Council, Nairobi, Kenya (June 30-July 11, 1992)
- Consultant: Field evaluation of ELISA assays using saliva versus serum for HIV surveillance, Saliva Diagnostic Systems, Yangon, Myanmar (July 18-25, 1992)
- Consultant: Proposed comparison of ELISA assays using saliva versus serum in an HIV sentinel surveillance program, Saliva Diagnostic Systems, Bangkok, Thailand (July 26-29, 1992)
- Organizer and workshop presenter: Rapid surveys for HIV/AIDS investigations, UCLA/Fogarty AIDS Training Program, Rio de Janeiro, Brazil (August 24-28, 1992)

- Organizer and workshop presenter: Advanced analysis of rapid surveys, JWCH Institute, Inc./ Immunization Demonstration Project, Los Angeles, CA (September 9-14, 1992)
- Organizer and workshop presenter: Evaluation of HIV sentinel surveillance, UCLA/Fogarty International HIV/AIDS Training Program, Chaing Rai, Thailand (October 12-16, 1992)
- Organizer and workshop presenter: HIV Surveillance and control activities, World AIDS Foundation, Yangon, Myanmar (Dec. 14-18, 1992)
- Consultant: Thailand MOPH/SDS Saliva Study, Saliva Diagnostic Systems; Hat Yai, Chonburi, and Bangkok, Thailand (Dec. 20-23, 1992)
- Organizer and workshop presenter: Information for action: surveillance for HIV/AIDS, World AIDS Foundation, Sawangan (Jakarta), Indonesia (June 28-July 2, 1993)
- Consultant: HIV/AIDS in Asia. Saliva Diagnostic Systems and Ministry of Health, Lao People's Democratic Republic, July 5-6, 1993
- Consultant: Using Saliva for Surveillance and Control of HIV/AIDS. Saliva Diagnostic Systems and Ministry of Health, Socialist Republic of Vietnam (Hanoi and Ho Chi Minh City) (July 6-10, 1993)
- Consultant: HIV/AIDS in Asia and the Use of Saliva for detecting HIV antibodies. Saliva Diagnostic Systems and Ministry of Health, Cambodia, (July 10-13, 1993)
- Consultant: Thailand MOPH/SDS Saliva Study, Saliva Diagnostic Systems, Bangkok, Thailand (July 13-24, 1993)
- Consultant: Myanmar DOH/SDS Saliva Pooling Study, Saliva Diagnostic Systems and AIDS Prevention and Control Program, Yangon, Myanmar (July 24-31, 1993)
- Consultant: Use of saliva for HIV surveillance and control in developing countries, Saliva Diagnostic Systems, Sao Paulo, Rio de Janeiro, and Porto Alegre, Brazil (Aug 28-Sept 5, 1993)
- Organizer and workshop presenter: Epidemiology and sentinel surveillance of HIV/AIDS, UCLA/Fogarty International HIV/AIDS Training Program, Mandalay, Myanmar (Jan. 3-7, 1994)
- Organizer and workshop presenter: Applications of epidemiology to decision-making and policy formulation for control of HIV/AIDS, East-West Program on Population, University of Hawaii and UCLA, Honolulu, Hawaii (June 20-July 1, 1994)
- Organizer and workshop presenter: Information for action: use of epidemiology for policy formulation to control HIV/AIDS, UCLA/Fogarty International HIV/AIDS Training Program, Nha Trang, Vietnam (July 25-29, 1994)
- Consultant: Stability in the tropic of HIV antibody testing with saliva, Saliva Diagnostic Systems, and Ministry of Health, Yangon, Myanmar (Aug. 3-6, 1994)
- Organizer and workshop presenter: Epidemiology and control of HIV/AIDS, UCLA/Fogarty International HIV/AIDS Training Program, Micronesia (Guam, Palau, Saipan, Chuuk, Kosrae, Marshal Islands) (Sept. 4-22, 1994)
- Consultant: HIV testing of blood and sexual partners in remote regions. United Nations Development Program (UNDP) and Ministry of Health, Yangon, Myanmar (Aug. 26 - Sept. 2, 1995)
- Organizer and workshop presenter: Policy analysis for HIV control, Chulalongkorn University, UCLA/Fogarty International HIV/AIDS Training Program, and University of Hawaii, Bangkok, Thailand (Sept. 4-15, 1995)
- Organizer and workshop presenter: Surveillance, screening and control of HIV, University of Alabama at Birmingham, UCLA/Fogarty International HIV/AIDS Training Program, and International Centre for Diarrhoeal Disease Research, Bangladesh (ICDDR,B), Dhaka, Bangladesh (Sept. 23-27, 1995)

- Consultant: Surveillance systems for HIV control, Institute of Epidemiology, Disease Control and Research (IEDCR), Bangladesh; UCLA/Fogarty International HIV/AIDS Training Program; and the University of Alabama at Birmingham (UAB), Dhaka, Bangladesh (Sept. 28, 1995)
- Organizer and workshop presenter: Developing policy to control HIV in Asia, Chulalongkorn University, UCLA/Fogarty International HIV/AIDS Training Program, and University of Hawaii, Bangkok, Thailand (Sept. 2-13, 1996)
- Consultant: Review of public health programs and services. Technical Assistance Group, UCLA School of Public Health, and Los Angeles County Department of Health Services, Los Angeles, CA (June - July, 1997)
- Consultant: Young Child Immunization Survey. Immunization Program, Los Angeles County Department of Health Services, Los Angeles, CA (July - August, 1997)
- Consultant: Review and evaluation of HIV sentinel surveillance program in Myanmar. United Nations Development Program (UNDP), Yangon, Myanmar (Aug. 31- Sept. 6, 1997)
- Organizer and workshop presenter: Policy development for HIV control in Asia, Chulalongkorn University, UCLA/Fogarty International HIV/AIDS Training Program, and East-West Center, University of Hawaii, Bangkok, Thailand (Sept. 8-19, 1997)
- Organizer and workshop presenter: Developing HIV control policy in Asia, Chulalongkorn University, UCLA/Fogarty International HIV/AIDS Training Program, and East-West Center, University of Hawaii, Bangkok, Thailand (August 24 - Sept. 4, 1998)
- Workshop presenter: HIV in Mongolia. Albert Schweitzer Foundation, Ulaanbaatar, Mongolia (Sept. 10 - 13, 1998)
- Consultant: Cost-effectiveness of HIV/AIDS/STD control programs in Mongolia. United Nations Development Program (UNDP), Ulaanbaatar, Mongolia (Dec. 14-23, 1998)
- Consultant: Second generation HIV sentinel surveillance. United Nations Development Program (UNDP) and the AIDS Control Program, Yangon, Myanmar (September 12-18, 1999)
- Consultant: Measurement and surveillance of STD/HIV/AIDS. United Nations AIDS (UNAIDS) and the United Nations Development Program (UNDP), Ulaanbaatar, Mongolia (September 23-24, 1999).
- Internet developer: John Snow – a historical giant in epidemiology (<http://www.ph.ucla.edu/epi/snow.html>; sabbatical leave, December 15, 1999 - April 1, 2000).
- Organizer and workshop presenter: Advanced research methods: community-based surveys, The Population Council, Hanoi, Vietnam (August 14-31, 2000)
- Organizer and workshop presenter: Rapid surveys, Hanoi School of Public Health, Hanoi, Vietnam (August 15-19, 2005)
- Organizer and workshop presenter: Rapid surveys, Field Epidemiology Training Program, Thailand Ministry of Public Health, Nanthaburi, Thailand (August 6-10, 2007)
- Organizer and workshop presenter: Rapid surveys, Field Epidemiology and Laboratory Training Program, United States Centers for Disease Control and Prevention (CDC), Georgian National Center for Disease Control and Public Health, Tbilisi, Georgia (May 3-14, 2010)

Education:

Undergraduate

University of Illinois

Champaign-Urbana, Illinois..... 1960 - 63

Bachelor of Science (B.S.)
University of Illinois, College of Veterinary Medicine
Urbana, Illinois 1965

Doctor of Veterinary Medicine (D.V.M.)
University of Illinois, College of Veterinary Medicine
Urbana, Illinois 1967

Master of Public Health (M.P.H., Epidemiology)
Tulane University, School of Public Health and Tropical Medicine
New Orleans, Louisiana..... 1970

Doctor of Public Health (Dr.P.H., Epidemiology)
Tulane University, School of Public Health and Tropical Medicine
New Orleans, Louisiana..... 1973

Fellowships:

Epidemiology Training Grant
United States Public Health Service Traineeship 1969 - 71

International Center for Medical Research and Training (ICMRT)
United States Department of Health, Education and Welfare
National Institutes of Health..... 1971 - 72

Dissertation:

Development of a Computer Simulation Model for the Control of Urban Rabies, 273 pp, © Tulane University, New Orleans, LA, 1973

Awards and Honors:

Delta Omega Public Health Honor Society 1970
American Epidemiological Society 1982
Ralph R. Sachs Visiting Scholar, University of California at Berkeley 1988
Outstanding Alumnus Award, Tulane School of Public Health, New Orleans 1992
Prestigious Plaque for HIV/AIDS education, Ministry of Public Health, Thailand
and College of Public Health, Chulalongkorn University, Bangkok, Thailand..... 1997

Professional Affiliations:

American College of Epidemiology (ACE, Fellow) Board of Directors (1999-2002)
American Epidemiological Society (AES, Fellow)
American Public Health Association (APHA, Member)
International Epidemiological Association (IEA, Member)
Society for Epidemiologic Research (SER, Member)

Contracts or Grants:

USAID - Bolivia: Analysis of Bolivian health survey/RHDS project (PI), \$7,500, 2/8/79 - 8/8/79
AHA - Los Angeles: Cardiovascular disease in Los Angeles County (Co-PI), \$126,735, 11/15/79 - 10/31/84
EPA/SDLAC: Epidemiologic assessment of the health impact of groundwater recharge, Montebello Forebay (PI), \$541,617, 10/1/79 - 8/12/83, (CSD 2402; EPA R806399010)
NIMH: Epidemiology of depression and help-seeking behavior (PI), \$1,153,369, 9/29/78 - 8/31/85, (MH32267)
County of Kern: Immunization status survey for Kern County (PI). \$16,800, 6/1/93 - 4/30/94. County of Los Angeles
Assessment of Measles Immune Status Using Saliva (AMISS) (PI), \$12,765, 6/19/95 - 8/18/95
National Institutes of Health. UCLA/Fogarty AIDS International Training and Research Program (AITRP) (Associate Director), \$3,249,793, 9/21/93 - 9/20/03

Reports Resulting from Consulting Activity:

Chapman, J.M., **Frerichs, R.R.**, Bunnell, D.H. and Coulson, A.H.: Cardiovascular diseases in Los Angeles - Second Edition, American Heart Association - Greater Los Angeles Affiliate, November, 1978.
Kisch, A.I., Solomon, N.E., Lisowski, W. and **Frerichs, R.R.**: Tables for the California State Health Plan, Volumes 1-13, ARNO Associates, Inc, Santa Monica, California, December 1978.
Frerichs, R.R., Becht, J.N., and Foxman, B.: Health and illness in rural Bolivia - A household survey. United States Agency for International Development - Bolivia, July, 1979.
Frerichs, R.R., Satin, K.P., and Sloss, E.M.: Water re-use - its epidemiologic impact, Los Angeles County, 1969-71. Regents of the University of California, Los Angeles, April, 1981.
Chapman, J.M., **Frerichs, R.R.**, et al.: Cardiovascular diseases in Los Angeles, 1981 supplement to the second edition. American Heart Association - Greater Los Angeles Affiliate, July, 1981.
Frerichs, R.R., Sloss, E.M., Maes, E.F., and Satin, K.P.: Water re-use, Part II, Its epidemiologic impact in Los Angeles County. Regents of the University of California, Los Angeles, May, 1982.
Chapman, J.M., **Frerichs, R.R.**, et al.: Cardiovascular diseases in Los Angeles, 1970-1979. American Heart Association - Greater Los Angeles Affiliate, July, 1982.
Chapman, J.M., **Frerichs, R.R.**, and Maes, E.F.: Cardiovascular diseases in Los Angeles, 1980. American Heart Association-Greater Los Angeles Affiliate, July, 1983.
Frerichs, R.R., Sloss, E.M., and Maes, E.F.: Water re-use, Part III, Its epidemiologic impact in Los Angeles County. Regents of the University of California, Los Angeles, August, 1983.
Frerichs, R.R., Chapman, J.M., Nourjah, P., and Maes, E.F.: Cardiovascular diseases in Los Angeles, 1979-1981. American Heart Association-Greater Los Angeles Affiliate, November, 1984.
Frerichs, R.R., Baker, D., and Detels, R.: Heptachlor in Hawaii - The feasibility of an epidemiologic study. United States Environmental Protection Agency, October 24, 1985.
Frerichs, R.R.: Burma Primary Health Care II Project. Report on the existing health information system and on analytic methods and concepts. Western Consortium for the Health Professions, Inc. and USAID Project 482-004, Rangoon, Burma, October 8, 1985.
Frerichs, R.R.: Burma Primary Health Care II Project. Report on Proposed Changes in the Health Information System and a Workshop on Analytic Methods. Western Consortium for the Health Professions, Inc. and USAID Project 482-004, Rangoon, Burma, March 10, 1986.

- Frerichs, R.R.:** Burma Health Care II Project. Report on Proposed Analytic Procedures for the New Health Information System and a Workshop on Microcomputers and Rapid Surveys. Western Consortium for the Health Professions, Inc. and USAID Project 482-004, Rangoon, Burma, September 9, 1986.
- Frerichs, R.R.:** Burma Health Care II Project. Final report on the new health information system and the rapid survey unit. Western Consortium for Public Health, Inc. and USAID Project 482-004, Rangoon, Burma, June 15, 1987.
- Frerichs, R.R.,** Reynolds, J., and Wilson, M.: Family planning survey and antenatal survey. University Research Corporation and USAID Contract No. DPE-52920-A-00-5056-00, December, 1987.
- Frerichs, R.R.** and Miller, R.A.: Operations research on diagnosis and management of acute respiratory infections (ARI). Western Consortium for Public Health, Inc., PRICOR and USAID. Center for Child Survival, University of Indonesia. July 4-30, 1988.
- Frerichs, R.R.:** Strengthening public health program in epidemiology (University of the Philippines, College of Public Health). Assignment Report, 1-30 September 1988, Government of the Republic of the Philippines and the World Health Organization, (WP)HMD/PHL/HMD/002-E, Dec. 9, 1988.
- Frerichs, R.R.:** Summary report of the operations research on acute respiratory infections (ARI) in Indonesian. Western Consortium for Public Health, Inc., PRICOR and USAID. Center for Child Survival, University of Indonesia. July 14 - August 6, 1989.
- Frerichs, R.R.** and Miller, R.A.: Integrated approach to operations research on family planning in Kenya — Interim Report. The Population Council, August, 1990.
- Frerichs, R.R.** and Detels, R.: HIV/AIDS surveillance in Myanmar. Ministry of Health, Yangon, Myanmar, July, 1991.
- Frerichs, R.R.** and Detels, R.: HIV/AIDS surveillance in the Philippines. Department of Health, Manila, Philippines, August, 1991.
- Detels, R., **Frerichs, R.R.** and Ungchusak, K.: Information for Action — A Plan for Sentinel Surveillance of HIV Infection in Myanmar. World AIDS Foundation. Yangon, Myanmar, December, 1991.
- Detels, R. and **Frerichs, R.R.:** Implementation of an HIV/AIDS Control Program for the Philippines — A Proposal for Action. United States Agency for International Development, Manila, Philippines, February, 1992.
- Detels, R., **Frerichs, R.R.** and Ungchusak, K.: Information for action. Establishing an effective surveillance system for HIV/AIDS. World AIDS Foundation, Jakarta, Indonesia, March, 1992.
- Frerichs, R.R.** Rapid surveys for HIV/AIDS investigations (Outline and Readings; Software Training Manual), UCLA/Fogarty AIDS Training Program, Rio de Janeiro, Brazil, August, 1992.
- Frerichs, R.R.:** Advanced analysis of rapid surveys (Outline and Appendix), Immunization Demonstration Project/JWCH Institute, Inc., Los Angeles, CA September, 1992.
- Frerichs, R.R.** Ungchusak, K. and Detels, R.: Evaluation of HIV sentinel surveillance (Outline and Readings), UCLA/Fogarty International HIV/AIDS Training Program, Chiang Rai, Thailand, October, 1992.
- Frerichs, R.R.** Htoon, M.T. and Detels, R.: HIV surveillance and control activities (Outline and Readings), World AIDS Foundation, Yangon, Myanmar, December, 1992.
- Frerichs, R.R.** and Detels, R.: Information for action: surveillance for HIV/AIDS (Outline and Readings), World AIDS Foundation, Sawangan (Jakarta), Indonesia, June 28-July 2, 1993.
- Frerichs, R.R.:** Normalization and widespread testing - An alternative approach for the control of HIV/AIDS (Slides and References), UCLA/Fogarty International AIDS Training Program, Hanoi, Vietnam, December 29, 1993.

- Frerichs, R.R.**, Detels, R. and Htoon, M.T: Epidemiology and sentinel surveillance of HIV/AIDS (Outline, Slides and Readings), World AIDS Foundation and UCLA/Fogarty International AIDS Training Program, Mandalay, Myanmar, January 3-7, 1994.
- Frerichs, R.R.**, Detels, R., Morisky, D. Morens, D., Brown, T., and Katz, A.: Applications of epidemiology to decision-making and policy formulation for control of HIV/AIDS (Outline and Slides), East-West Program on Population, University of Hawaii and UCLA, Honolulu, Hawaii, June 20-July 1, 1994.
- Frerichs, R. R.**, Detels, R., and Hong, L.D.: Information for action: use of epidemiology for policy formulation to control HIV/AIDS (Outline and Slides), UCLA/Fogarty International HIV/AIDS Training Program, Nha Trang, Vietnam, July 25-29, 1994.
- Frerichs, R. R.** and Morens, D. Epidemiology and control of HIV/AIDS (Outline and Readings), UCLA/Fogarty International HIV/AIDS Training Program, Micronesia (Guam, Palau, Saipan, Chuuk, Kosrae, Marshal Islands), Sept. 4-22, 1994.
- Frerichs, R.R.** HIV testing of blood and sexual partners in remote regions. UNDP and Ministry of Health, Yangon, Myanmar, Aug. 26 - Sept. 2, 1995.
- Frerichs, R.R.**, Zaw, M., Lwin, S. And Oo, K.Y. HIV Sero-strip Evaluation Study. UNDP, Ministry of Health, Yangon, Myanmar, Sept. 1, 1995.
- Frerichs, R.R.**, Detels, R., Sitthi-Amorn, C., et al. Policy analysis for HIV control, Volume I (Outline and Slides) and II (Readings), UCLA/Fogarty International HIV/AIDS Training Program, Chulalongkorn University, and University of Hawaii, Bangkok, Thailand, Sept. 4-15, 1995.
- Frerichs, R.R.**, Vermund, S.H., Alam, A.A. et al. Surveillance, screening and control of HIV (Outline, Slides, Readings), University of Alabama at Birmingham, UCLA/Fogarty International HIV/AIDS Training Program, and ICDDR,B, Dhaka, Bangladesh, Sept. 23-27, 1995.
- Frerichs, R.R.**, Detels, R., Sitthi-Amorn, C., et al. Developing policy to control HIV in Asia, Outline, Slides and Readings, UCLA/Fogarty International HIV/AIDS Training Program, Chulalongkorn University, and University of Hawaii, Bangkok, Thailand, Sept. 2-13, 1996.
- Shaheen, M.A. and **Frerichs, R. R.** Pilot Study of Young Child Immunization Survey. UCLA and the Immunization Program, Los Angeles County Department of Health Services, Los Angeles, CA, Jan., 1997.
- Shaheen, M.A., **Frerichs, R. R.** and Donovan, S.M. Assessment of Measles Immunization Status using Saliva (AMISS). UCLA and the Immunization Program, Los Angeles County Department of Health Services, Los Angeles, CA, Feb., 1997.
- Frerichs, R. R.** and Detels, R. Review and evaluation of HIV sentinel surveillance program in Myanmar. United Nations Development Program (UNDP), Yangon, Myanmar, Sept., 1997.
- Frerichs, R.R.**, Detels, R., Sitthi-Amorn, C., et al. Policy development for HIV control in Asia. UCLA/Fogarty International HIV/AIDS Training Program, Chulalongkorn University, University of Hawaii, East-West Center, Hawaii, and Ministry of Public Health, Thailand. Sept. 8-19, 1997.
- Shaheen, M.A.** and Frerichs, R. R. Final Report. Young Child Immunization Survey. University of California, Los Angeles (UCLA), February, 1998.
- Frerichs, R.R.**, Detels, R., Sitthi-Amorn, C., et al. Developing HIV control policy in Asia. UCLA/Fogarty International HIV/AIDS Training Program, Chulalongkorn University, University of Hawaii, East-West Center, Hawaii, and Ministry of Public Health, Thailand. Aug. 24 - Sept. 4, 1998.
- Frerichs, R.R.** Cost-effective Strategies for HIV/AIDS/STD Control. United Nations Development Program (UNDP), UNAIDS, MOHSW, Ulaanbaatar, Mongolia. December 14-23, 1998.
- Frerichs, R. R.** Development of a second generation sentinel surveillance program for HIV/STD. United Nations Development Program (UNDP), Yangon, Myanmar, Sept. 12-18, 1999.

Frerichs, R.R. Measurement and surveillance of STD/HIV/AIDS in Mongolia United Nations Development Program (UNDP), UNAIDS, Ulaanbaatar, Mongolia. September 23-24, 1999.

Doctoral Dissertations (Chair):

1. Satin, Kenneth P.: An epidemiologic model to assess health effects related to the consumption of contaminated drinking water, University of California, Los Angeles, 1981 (Dr.P.H.)
2. Sloss, Elizabeth M.: Use of mortality indexes in the absence of population information, University of California, Los Angeles, 1983 (Ph.D.)
3. Foxman, Betsy: Urinary tract infection; Testing hypothesized risk factors and estimating costs, University of California, Los Angeles, 1983 (Ph.D.)
4. Howson, Christopher P.: Cigarette smoking and the use of health services, University of California, Los Angeles, 1983 (Ph.D.)
5. Caceres-Baltazar, Jane D.: The impact of family planning practice on neonatal mortality, University of California, Los Angeles, 1984 (Dr.P.H.)
6. Maes, Edward F.: The effect of prenatal care, cesarean delivery and neonatal intensive care on the decline in neonatal mortality in Los Angeles County, 1969 to 1980, University of California, Los Angeles, 1986 (Ph.D.)
7. Thomas, James C.: Risk factors for diarrhea among young children in rural Kenya, University of California, Los Angeles, 1987 (Ph.D.)
8. Frederick, Toni: The mediating effect of social supports on the impact of stressful life events and strains on physical illness: A longitudinal study, University of California, Los Angeles, 1989 (Ph.D.)
9. Nourjah, Parivash: The effect of herd immunity on estimation of measles vaccine efficacy. University of California, Los Angeles, 1991 (Ph.D.)
10. Neal, Joyce: The etiological spectrum of chronic liver disease in the United States: the relative proportions and economic impact of all causes of chronic hepatitis and cirrhosis. University of California, Los Angeles, 1992 (Ph.D.)
11. Wilson, Thomas W: The epidemiology of orthostatic hypotension: results from the Kuopio Ischemic Heart Disease Risk Factor study. University of California, Los Angeles, 1993 (Dr.P.H.)
12. Bertolli, Jeanne M.: A case-control study of the effectiveness of BCG vaccine for preventing clinical leprosy in Yangon, Myanmar. University of California, Los Angeles, 1994 (Ph.D.)
13. Honein, Margaret A.: A case-control study of risk factors for HIV serostatus among treated tuberculosis patients in the Republic of Djibouti. University of California, Los Angeles, 1995 (Ph.D.)
14. Yano, Elizabeth M.: The impact of variations in practice and policy on years of healthy life lost in the community: A population-oriented model of care for benign prostatic hyperplasia. University of California, Los Angeles, 1995 (Ph.D.)
15. Strozzi, João Bosco da Rocha: Risk taking behavior and HIV infection in women residing in the slums of Rio de Janeiro, Brazil. University of California, Los Angeles, 1996 (Ph.D.)
16. Shaheen, Magda A.: Measurement of measles immunity in a population setting. University of California, Los Angeles, 1998 (Ph.D.)
17. Riono, Pandu. Sexual networks and sexually transmitted diseases in communities in Indonesia. University of California, Los Angeles, 2001 (Ph.D.)
18. Damesyn, Mark. Epidemiological impact of door-to-door voluntary HIV counseling and testing in rural Kenya. University of California, Los Angeles, 2002 (Dr.P.H.)

19. Javanbakht, Marjan. Antiretroviral drug resistance and adherence to HAART. University of California, Los Angeles, 2006 (Ph.D.)
20. Lwin, Thandar. Determinants of bacterial vaginosis in Yangon, Myanmar. University of California, Los Angeles, 2006 (Ph.D.)
21. Shimkhada, Riti. Associations between individual- and neighborhood characteristics and physical activity among adults in Los Angeles County. University of California, Los Angeles, 2007 (Ph.D.)
22. Coly, Astou. Estimating HIV prevalence in Ghana: the role of selection bias. University of California, Los Angeles, 2007 (Ph.D.)

Publications (Research Journals):

1. **Frerichs, R.R.** and Prawda, J.: A computer simulation model for the control of rabies in an urban area of Colombia. *Management Science* 22, 411-421, 1975.
2. Srinivasan, S.R., **Frerichs, R.R.** and Berenson, G.S.: Serum lipid and lipoprotein profile in school children from a rural community. *Clinica Chimica Acta* 60, 293-302, 1975.
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10. **Frerichs, R.R.:** Rapid micro-computer assisted surveys for AIDS investigations. UCLA/Fogarty AIDS Training Program. University of the Philippines at Manila, Manila, Philippines, Sep, 1989.
11. **Frerichs, R.R.:** Rapid micro-computer assisted surveys for AIDS investigations. UCLA/Fogarty AIDS Training Program. Ministry of Health, Brasilia, Brazil, Sep, 1989.
12. **Frerichs, R.R.,** Miller, R.A. and Ottieno, J.: Workshop on integrated approach to operations research on family planning. PSRI/MOH/Population Council, Nairobi, Kenya, July 16-25, 1990.
13. **Frerichs, R.R.** and Detels, R.: Policy-oriented epidemiological research on HIV/AIDS. UCLA/Fogarty AIDS Training Program, Bangkok, Thailand, Sep 1990.
14. **Frerichs, R.R.:** Rapid microcomputer-assisted surveys for AIDS investigations, UCLA/Fogarty AIDS Training Program, University of Indonesia at Depok, Jakarta, Indonesia, Sep 1990.
15. **Frerichs, R.R.:** Policy-oriented epidemiological research on HIV/AIDS, UCLA/Fogarty AIDS Training Program, University of the Philippines, Manila, Philippines, Sep, 1990.
16. **Frerichs, R.R.** and Detels, R.: Policy-oriented epidemiological research on HIV/AIDS. UCLA/Fogarty AIDS Training Program, Bangkok, Thailand, July, 1991.
17. **Frerichs, R.R.,** Detels, R. and Ungchusak, K.: Establishing an effective surveillance system for HIV/AIDS. World AIDS Foundation, Yangon, Myanmar, Dec, 1991.
18. **Frerichs, R.R.,** Detels, R. and Ungchusak, K.: Surveillance for HIV/AIDS, World AIDS Foundation, Jakarta, Indonesia, March 19-27, 1992.

19. **Frerichs, R.R.** and Miller, R.A.: Workshop on research results and implications for collaborative action (integrated approach to operations research for strengthening the MOH family planning program in Kenya), The Population Council, Nairobi, Kenya, July, 1992.
20. **Frerichs, R.R.:** Rapid surveys for HIV/AIDS investigations, UCLA/Fogarty AIDS Training Program, Rio de Janeiro, Brazil, Aug, 1992.
21. **Frerichs, R.R.:** Advanced analysis of rapid surveys, Immunization Demonstration Project/JWCH Institute, Inc., Los Angeles, CA, Sep, 1992.
22. **Frerichs, R.R.** Ungchusak, K. and Detels, R.: Evaluation of HIV sentinel surveillance, UCLA/Fogarty International HIV/AIDS Training Program, Chiang Rai, Thailand, Oct, 1992.
23. **Frerichs, R.R.,** Htoon, M.T. and Detels, R.: HIV surveillance and control activities, World AIDS Foundation, Yangon, Myanmar, Dec, 1992.
24. **Frerichs, R.R.** and Detels, R.: Information for action: surveillance for HIV/AIDS, World AIDS Foundation, Sawangan (Jakarta), Indonesia, July, 1993.
25. **Frerichs, R.R.:** Normalization and widespread testing - An alternative approach for the control of HIV/AIDS, ULCA/Fogarty International AIDS Training Program, Hanoi, Vietnam, Dec, 1993.
26. **Frerichs, R.R.,** Detels, R. and Htoon, M.T: Epidemiology and sentinel surveillance of HIV/AIDS, World AIDS Foundation and ULCA/Fogarty International AIDS Training Program, Mandalay, Myanmar, Jan, 1994.
27. **Frerichs, R.R.,** Detels, R., Morisky, D. Morens, D., Brown, T., and Katz, A.: Applications of epidemiology to decision-making and policy formulation for control of HIV/AIDS, East-West Program on Population, University of Hawaii and UCLA, Honolulu, Hawaii, June-July, 1994.
28. **Frerichs, R. R.,** Detels, R., and Hong, L.D.: Information for action: use of epidemiology for policy formulation to control HIV/AIDS, UCLA/Fogarty International HIV/AIDS Training Program, Nha Trang, Vietnam, July, 1994.
29. **Frerichs, R. R.** and Morens, D. Epidemiology and control of HIV/AIDS, UCLA/Fogarty International HIV/AIDS Training Program, Micronesia (Guam, Palau, Saipan, Chuuk, Kosrae, Marshal Islands), Sep, 1994.
30. **Frerichs, R.R.,** Detels, R., Sitthi-Amorn, C. et al.: Policy analysis for HIV control, Chulalongkorn University, UCLA/Fogarty International HIV/AIDS Training Program, Bangkok, Thailand, Sep, 1995.
31. **Frerichs, R.R.,** Vermund, S., Alam, A.N. et al. Surveillance, screening and control of HIV, University of Alabama at Birmingham, UCLA/Fogarty International HIV/AIDS Training Program, Dhaka, Bangladesh, Sep, 1995.
32. **Frerichs, R.R.,** Detels, R., Sitthi-Amorn, C. et al.: Developing policy to control HIV in Asia, Chulalongkorn University, UCLA/Fogarty International HIV/AIDS Training Program, Bangkok, Thailand, Sep, 1996.
33. **Frerichs, R.R.,** Detels, R., Sitthi-Amorn, C. et al.: Policy development for HIV control in Asia, Chulalongkorn University, UCLA/Fogarty International HIV/AIDS Training Program, Bangkok, Thailand, Sep, 1997.
34. **Frerichs, R.R.,** Detels, R., Sitthi-Amorn, C. et al.: Developing HIV control policy in Asia, Chulalongkorn University, UCLA/Fogarty International HIV/AIDS Training Program, Bangkok, Thailand, Aug. - Sep, 1998.
35. **Frerichs, R.R.,** Morisky, D. et al. HIV/AIDS in Mongolia, Albert Schweitzer Institute for the Humanities, Ulaanbaatar, Mongolia, Sep, 1998.
36. **Frerichs, R.R.** Cost-effective Strategies for HIV/AIDS/STD Control, United Nations Development Programme (UNDP) and National Center for HIV/AIDS/STD, Ulaanbaatar, Mongolia, Dec, 1998.

37. **Frerichs, R.R.** Measurement and Surveillance of STD/HIV/AIDS, United Nations AIDS (UNAIDS) and United Nations Development Programme (UNDP), Ulaanbaatar, Mongolia, Sep, 1999.
38. **Frerichs, R.R.**, Morisky, D., Wong, N. et al. Schweitzer Seminar on Cardiovascular Disease, Albert Schweitzer Institute for the Humanities, Ulaanbaatar, Mongolia, September, 1999.
39. **Frerichs, R.R.:** Advanced research methods: community-based surveys, The Population Council, Hanoi, Vietnam, Aug, 2000.
40. **Frerichs, R.R.:** Rapid surveys, Hanoi School of Public Health, Hanoi, Vietnam, August, 2005.
41. **Frerichs, R.R.:** Rapid surveys, Field Epidemiology Training Program, Thailand Ministry of Public Health, Nonthaburi, Thailand, August, 2007.
42. **Frerichs, R.R.:** Rapid surveys, Field Epidemiology and Laboratory Training Program, U.S. Centers for Disease Control and Prevention (CDC), Georgian National Center for Disease Control and Public Health, Tbilisi, Georgia, May, 2010.

Presentations at Professional Meetings:

1. **Frerichs, R.R.** and Prawda, J.: A computer simulation model for the control of rabies in an urban area of Colombia. Operations Research Society of America Meeting, San Diego, November 1973.
2. **Frerichs, R.R.:** A computer simulation model for the control of urban rabies in Colombia. American Public Health Association Meeting, New Orleans, October 1974.
3. **Frerichs, R.R.**, Voors, A.W., Srinivasan, S.R., McMahan, C.A. and Berenson, G.S.: The Bogalusa Heart Study - A community study of CHD risk factors in Louisiana children, 5-14 years of age. American Heart Association Council on Epidemiology Meeting, Tampa, March 1975.
4. **Frerichs, R.R.**, Srinivasan, S.R., Webber, L.S. and Berenson, G.S.: Serum cholesterol and triglyceride levels in children from a bi-racial community - The Bogalusa Heart Study. International Workshop-Conference on Atherosclerosis, Canadian Heart Foundation, London, Ontario, Canada, September 1975.
5. **Frerichs, R.R.**, Srinivasan, S.R., Webber, L.S. and Berenson, G.S.: Serum lipid and lipoprotein levels in children from a biracial community - Influences of age, race and sex. Conference on Cardiovascular Disease Epidemiology, New Orleans, February 1976.
6. **Frerichs, R.R.:** Risk factor variables in children, cholesterol and triglycerides from infancy to young adulthood. American College of Cardiology, 25th Annual Scientific Session, New Orleans, February 1976.
7. **Frerichs, R.R.**, Andrews, C.A., Talley, I.W. and Berenson, G.S.: Community organization for pediatric research on blood pressure and other heart disease risk factors - The Bogalusa Heart Study. National Conference on High Blood Pressure Control, New Orleans, March 1976.
8. **Frerichs, R.R.**, Webber, L.S., Srinivasan, S.R. and Berenson, G.S.: Relation of blood lipids to obesity and maturation in a biracial pediatric community study - The Bogalusa Heart Study. IV International Symposium on Atherosclerosis, Tokyo, Japan, August 1976.
9. **Frerichs, R.R.**, Voors, A.W., Srinivasan, S.R., Webber, L.S., Foster, T.A., Frank, G.C. and Berenson, G.S.: Arteriosclerosis risk factor variables in white and black children in a total community - The Bogalusa Heart Study. American Public Health Association Meeting, Miami Beach, Florida, October 1976.
10. **Frerichs, R.R.**, Srinivasan, S.R., Webber, L.S. and Berenson, G.S.: Serum lipid and lipoprotein levels in children at two successive years. The Bogalusa Heart Study. Conference on Cardiovascular Disease Epidemiology, San Diego, California, March 1977.

11. **Frerichs, R.R.**, Webber, L.S., Srinivasan, S.R. and Berenson, G.S.: Obesity and blood lipids in white and black children - The Bogalusa Heart Study. American Public Health Association Meeting, Washington, D.C., November 1977.
12. **Frerichs, R.R.**: Uses of epidemiology for health policy decision making. American Public Health Association Meeting, New York, November, 1979.
13. **Frerichs, R.R.**, Aneshensel, C.S. and Clark, V.A.: Prevalence of depression in Los Angeles County. Society for Epidemiologic Research, Minneapolis, Minnesota, June, 1980.
14. **Frerichs, R.R.**, Becht, J.N., and Foxman, B.: Health and illness in rural Bolivia. Latin American Studies Association Meeting, Bloomington, Indiana, October, 1980.
15. **Frerichs, R.R.**, Aneshensel, C.S., Meicher, S.L. and Clark, V.A.: Epidemiology of depression and physical health in Los Angeles. American Public Health Association Meeting, Detroit, Michigan, October, 1980.
16. **Frerichs, R.R.**, Aneshensel, C.S., and Clark, V.A.: Tracking of mental depression: A community investigation. Society for Epidemiologic Research, Snowbird, Utah, June, 1981.
17. **Frerichs, R.R.**, Satin, K.P. and Sloss, E.M.: Epidemiologic impact of recycled wastewater. American Public Health Association Meeting, Los Angeles, California, November, 1981.
18. **Frerichs, R.R.** and Maes, E.F.: Neonatal intensive care units in public policy (Session: Uses of epidemiology in formulating public health policy). American Public Health Association Meeting, Los Angeles, California, November, 1981.
19. **Frerichs, R.R.**, Maes, E.F. and Sloss, E.M.: Ecologic investigation of the health effects of recycled wastewater. Society for Epidemiologic Research, Cincinnati, Ohio, June, 1982.
20. **Frerichs, R.R.**, and Sloss, E.M.: Effects of recycled wastewater consumption on the health of women. American Public Health Association Meeting, Montreal, Canada, November, 1982.
21. **Frerichs, R.R.**, Frederick, T., Aneshensel, C.S., and Clark, V.A.: Mental depression as a determinant of reported physical illnesses and health provider consultations - a prospective community study. American Epidemiological Society, Tucson, Arizona, March, 1983.
22. **Frerichs, R.R.**, Aneshensel, C.S., Morgan, T.M., and Clark, V.A.: Incidence of depression lasting two weeks or longer - a longitudinal survey. American Public Health Association Meeting, Dallas, Texas, November, 1983.
23. **Frerichs, R.R.**, Chapman, J.M., Maes, E.F., and Nourjah, P.: Mortality among six race-ethnic populations in Los Angeles County. American Public Health Association Meeting, Anaheim, California, November, 1984.
24. **Frerichs, R.R.**: Training for health surveys with the microcomputer. American Public Health Association Meeting, Washington, DC, November, 1985.
25. **Frerichs, R.R.**, Chapman, J.M., Nourjah, P., and Maes, E.F.: Cardiovascular disease mortality among Mexican-Americans compared to other race/ethnic groups in Los Angeles County, 1979-81. American Public Health Association Meeting, Washington, DC, November, 1985.
26. **Frerichs, R.R.**: Microcomputers in developing countries. American Public Health Association Meeting, Las Vegas, Nevada, October, 1986.
27. **Frerichs, R.R.**: Rapid computer-assisted surveys in developing countries. American Public Health Association Meeting, Boston, Mass., Nov., 1988.
28. **Frerichs, R.R.**: Systems model of case-management of ARI in Indonesia. Conference on operational research on child survival in Indonesia. University of Indonesia at Depok, Indonesia, July 31, 1989.

29. **Frerichs, R.R.**, Miller, R.A. and Sutrisna, B.: Epidemiologic model for focusing research on ARI intervention strategies among Indonesian children. American Public Health Association Meeting, Chicago, Illinois, October, 1989.
30. **Frerichs, R.R.**: Emerging methods to measure progress towards cancer control. Second Annual California Cancer Registries Conference, Los Angeles, California, February, 1990.
31. **Frerichs, R.R.**: How to do epidemiological studies in the Third World. Fifth International Interdisciplinary Conference on Hypertension in Blacks, Long Beach, California, May, 1990.
32. **Frerichs, R.R.**, Miller, R.A., and Sutrisna, B.: Is case-management an effective strategy for controlling ARI infections in children? Results from a microcomputer spreadsheet model. Twelfth Scientific Meeting of the International Epidemiological Association, Los Angeles, August, 1990.
33. **Frerichs, R.R.**: Perspectives on the seroepidemiology of HIV infection during the 1990's. Second International Medical Meeting, Advances in the Study of Infectious Diseases, Mexico Social Security Institute and the La Raza Hospital of Infectious Diseases, Mexico City, Mexico, September, 1992.
34. **Frerichs, R.R.**: Comparison of saliva and serum for HIV surveillance in developing countries. The First Annual UCLA AIDS Institute Symposium: Basic Sciences, Tarzana, California, October 27, 1992.
35. **Frerichs, R.R.**: Rapid surveys. Workshop on Future Role of Microcomputers in Epidemiology, Centers for Disease Control and Prevention, Atlanta, Georgia, March 8-10, 1993.
36. **Frerichs, R.R.**, Htoon, M.T., Eskes, N. Silarug: HIV Testing using saliva in developing countries. Ninth International AIDS Conference, Berlin, Germany, June 6-11, 1993.
37. **Frerichs, R.R.**, N. Silarug, Eskes, N., Pagcharoenpol, P., Rodklai, A., Thangsupachai, S. and Wongba, C.: Saliva-based HIV antibody testing in Thailand. Tenth International AIDS Conference, Yokohama, Japan, August 8-12, 1994.
38. **Frerichs, R. R.**, M. Thwe, K.Y. Oo, E. Zan and N. Eskes. Stability in tropics of HIV antibodies in saliva. Third International Congress on AIDS in Asia and the Pacific, Chiang Mai, Thailand, September 18, 1995.
39. Chainarong, W., Pagcharoenpol, P., Eskes, N., **Frerichs, R. R.**, and Silarug, N. HIV saliva test for surveillance and surveys. Third International Congress on AIDS in Asia and the Pacific, Chiang Mai, Thailand, September 17-21, 1995.
40. **Frerichs R. R.**, Zaw, M., Lwin, S., Oo, K.Y., Eskes, N. Local research for local approval - a case study of a rapid HIV serostrip assay for use in developing countries. Eleventh International Conference on AIDS, Vancouver, Canada, July 8, 1996.
41. **Frerichs R. R.**: Home HIV screening debate (affirmative). Eleventh International Conference on AIDS, Vancouver, Canada, July 8, 1996.
42. **Frerichs R. R.**: HIV testing policies for married couples - theoretical impact of considered strategies in Thailand. Eleventh International Conference on AIDS, Vancouver, Canada, July 11, 1996.
43. Eskes, N., Guerra, Maria A.T., Piovesana, M.M., Nunes, F.E., **Frerichs R. R.**: Evaluation of a simple, inexpensive HIV test which requires neither equipment nor refrigeration. Eleventh International Conference on AIDS, Vancouver, Canada, July 12, 1996.
44. **Frerichs, R. R.**: Confronting HIV in India - the Importance of Early Detection. Satellite Session. Fourth International Congress on AIDS in Asia and the Pacific, Manila, Philippines, October 26, 1997.
45. **Frerichs, R. R.**, Issues in home testing. Fourth International Congress on AIDS in Asia and the Pacific, Manila, Philippines, October 27, 1997.

46. **Frerichs, R. R.:** John Snow – A historical giant in epidemiology. Cartography 2000, Oxford, England, September 7, 2000.
47. **Frerichs, R. R.:** Useful epidemiologic applications from the developing world. Southern California Public Health Association (SCPHA) annual meeting, Cerritos, California, May 9, 2003.
48. **Frerichs, R. R.:** Database Management Programs (Epi Info 2002), Microcomputers, and Spreadsheet Models for Estimating Morbidity and Mortality, California Conference of Local Health Officers and the Health Officers Association of California (CCLHO/HOAC), San Diego, CA, November 7, 2003.

Other Invited Presentations:

1. **Frerichs, R.R.:** Use of Saliva for HIV antibody testing in developing countries. National AIDS Committee, Hanoi, Vietnam, July 7, 1993.
2. **Frerichs, R.R.:** HIV/AIDS in Asia. Preventive Medicine Center, Government of Vietnam, Ho Chi Minh City, Vietnam, July 9, 1993.
3. **Frerichs, R.R.:** HIV/AIDS in Asia and widespread HIV antibody testing. Ministry of Health, State of Cambodia, Phnom Penh, Cambodia, July 12, 1993.
4. **Frerichs, R.R.:** Use of saliva for HIV surveillance and control in developing countries. Department of Pathology, Faculty of Medicine Ramathibodi Hospital, Bangkok, Thailand, July 19, 1993.
5. **Frerichs, R.R.:** Use of saliva for HIV surveillance and control in developing countries. College of Public Health, Chulalongkorn University, Bangkok, Thailand, July 21, 1993.
6. **Frerichs, R.R.:** Use of saliva for HIV surveillance and control in developing countries. Instituto de Infectologia Emilio Ribas, Sao Paulo, Brazil, August 30, 1993.
7. **Frerichs, R.R.:** Use of saliva for HIV surveillance and control in developing countries. Programa Estadual de Controle de DST/SIDA, Pôrto Alegre, Brazil, September 1, 1993.
8. **Frerichs, R.R.:** Use of saliva for HIV surveillance and control in developing countries. Divisao de DST/AIDS, Rio de Janeiro, Brazil, September 3, 1993.
9. **Frerichs, R.R.:** Normalization and widespread testing -- An alternative approach for the control of HIV/AIDS, Ministry of Health, National AIDS Committee, Hanoi, Vietnam, Dec. 29, 1993.
10. **Frerichs, R.R.:** Home testing - An alternative strategy for HIV control. Field Epidemiology Training Program, Ministry of Public Health, Bangkok, Thailand, August 1, 1994.
11. **Frerichs, R.R.:** Home testing - An alternative strategy for HIV control. Chulalongkorn University, College of Public Health, Bangkok, Thailand, August 2, 1994.
12. **Frerichs, R.R.:** Home testing - An alternative strategy for HIV control. Armed Forces Research Institute of Medical Sciences, Bangkok, Thailand, August 2, 1994.
13. **Frerichs, R.R.:** Home testing - An alternative strategy for HIV control. Ministry of Health, and Myanmar Medical Association, Yangon, Myanmar, August 5, 1994.
14. **Frerichs, R.R.:** Home testing - An alternative strategy for HIV control. University of the Philippines, College of Public Health, Manila, August 8, 1994.
15. **Frerichs, R.R.:** Public health implications. Meeting on Home HIV Testing. Henry J. Kaiser Family Foundation, Waterfront Centre Hotel, Vancouver, Canada, July 7, 1996 (preceded the Eleventh International Conference on AIDS)
16. **Frerichs, R.R.:** Bridging regional and functional approaches to international education — a public health view. HEA Title VI Fulbright-Hays Policy Conference, UCLA, Los Angeles, January 24, 1997.

17. **Frerichs, R.R.:** Keynote presentation on public health surveillance. Workshop on Teaching Public Health Surveillance in Schools of Public Health. Centers for Disease Control and Prevention, Atlanta, GA, February 20, 1997.
18. **Frerichs, R.R.:** Epidemiologic Assessment of Primary HIV Infection (Prevention Issues Working Group). Primary HIV Infection: Developing a Research Agenda. University-wide AIDS Research Program, University of California. San Francisco, CA, February 28, 1997.
19. **Frerichs, R.R.:** Issues and Trends in HIV Testing. Los Angeles Regional Family Planning Council, Inc., Los Angeles, CA, March 5, 1997.
20. **Frerichs, R.R.:** HIV Reporting and Partner Notification -- A Public Health Perspective. Los Angeles Regional Family Planning Council, Inc., Los Angeles, CA, April 8, 1997.
21. **Frerichs, R.R.:** HIV and Married Women in Asia. United Nations Women's Association, Yangon, Myanmar, September 2, 1997.
22. **Frerichs, R.R.:** HIV/AIDS in Southeast Asia and UNAIDS Testing Strategies. United Nations Development Program/Ministry of Health Evaluation Workshop, Yangon, Myanmar, September 3, 1997.
23. **Frerichs, R.R.** and Shaheen, M.: Young Child Immunization Survey. Los Angeles Immunization Program Office, Los Angeles County Department of Health Services, Los Angeles, November 24, 1997.
24. **Frerichs, R.R.:** What you don't know can kill you – Early HIV detection strategies for Southern Brazil. Pontifícia Universidade Católica do Paraná, Curitiba, Brazil, January 27, 1998.
25. **Frerichs, R.R.:** The Global epidemic of HIV/AIDS. National STD/HIV/AIDS Policy and Future Strategies Workshop, Government of Mongolia, Ulaanbaatar, Mongolia, December 21, 1998.
26. **Frerichs, R.R.:** Scientists, politicians and action – controlling HIV/AIDS. National AIDS Committee of Vietnam and The Population Council, Hanoi, Vietnam, August 25, 2000.
27. **Frerichs, R.R.:** American Anthrax outbreak of 2001. Cedars-Sinai Medical Center, Los Angeles, CA, November 1, 2002.
28. **Frerichs, R.R.:** The Unsolved American Anthrax outbreak of 2001. Research Careers in Minority Institutions (RCMI), Charles Drew University, Los Angeles, March 9, 2004.
29. **Frerichs, R.R.:** HIV/AIDS Surveillance in Developing Countries. UCLA Symposium of HIV Surveillance (with focus on China), Los Angeles, February 21, 2005.
30. **Frerichs R.R.** and Piarroux R.: UN responsibility for cholera epidemic in Haiti: What happened? And how can it be fixed? UCLA Fielding School of Public Health, Los Angeles, CA, September 1, 2016.
31. **Frerichs, R.R.:** Cholera cover-up in Haiti, Dr.P.H. Seminar, Harvard School of Public Health, Boston, MA, October 6, 2016.
32. **Frerichs, R.R.:** Cholera cover-up in Haiti, Dean Pierre M. Buekens's Invitational Lecture, Tulane School of Public Health and Tropical Medicine, New Orleans, LA, March 6, 2017.
33. **Frerichs, R.R.:** Good organizations acting badly: cholera and cover-up in Haiti, Canterbury Woods, Pacific Grove, CA, August 30, 2017.
34. **Frerichs, R.R.:** Truth, lies and the greater good — cholera's arrival in Haiti. Conference For Healthcare Transparency & Patient Safety, Lexington , KY, October 17, 2019.
35. **Frerichs, R.R.:** Impact of Covid-19 in the United States. Truths and Myths: Covid 19 and the Vaccines (Zoom), Biology Department, Adelphi University, Garden City, NY, April 26, 2021.

Television and Radio Commentary, Podcast Interview:

1. **Frerichs, R.R.:** Cardiovascular Disease in Los Angeles County. KNBC Evening News (Channel 4), 6:00-6:30 pm, November 14, 1984.
2. **Frerichs, R.R.:** Body Politic: HIV reporting in California: Health and Social Issues. KPFK (90.7 FM), 3:30-4:30 pm, April 3, 1995.
3. **Frerichs, R.R.:** Life and Times: named HIV reporting. KCET (PBS Channel 28), 7:30-8:00 pm, November 14, 1997.
4. **Frerichs, R.R.:** Deadly River: Cholera and Cover-up in Post-earthquake Haiti, Guy Rathbun - Independent Radio Producer, YouTube , April 13, 2016.
5. **Frerichs, R.R.:** Deadly River: Cholera and Cover-up in Post-earthquake Haiti, Keeping Democracy Alive with Burt Cohen, WNTK, New London, NH, April 26, 2016.
6. **Frerichs, R.R.:** Deadly River: Cholera and Cover-up in Post-earthquake Haiti, Conversations Live with Cyrus Webb, International Blog Talk Radio, podcast, April 26, 2016.
7. **Frerichs, R.R.:** Deadly River: Cholera and Cover-up in Post-earthquake Haiti, Pat Thurston Show, KGO 810 AM, San Francisco, May 1, 2016.
8. **Frerichs, R.R.:** Deadly River: Cholera and Cover-up in Post-earthquake Haiti, IdeaSphere with Guy Rathbun – Public Radio Exchange, podcast, May 2, 2016.
9. **Frerichs, R.R.:** Deadly River: Cholera and Cover-up in Post-earthquake Haiti, The Matthew Filipowicz Show – Progressive News, Interviews and Comedy, podcast, May 9, 2016.
10. **Frerichs, R.R.:** Who/What Caused The Cholera Epidemic In Haiti?, The 8:00 AM Buzz, WORT 89.9 FM, Madison, WI, May 11, 2016.
11. **Frerichs, R.R.:** Deadly River: Cholera and Cover-up in Post-earthquake Haiti, Sonali Kolhatkar -- Rising Up with Sonali, Radio: Pacifica stations KPFA and KPFK, Free Speech TV: Dish Network, DirecTV and Roku, May 11, 2016.
12. **Frerichs, R.R.:** Deadly River: Cholera and Cover-up in Post-earthquake Haiti, The Joe Show, Joe Teehan, KBAI 930 AM, Bellingham, WA, May 16, 2016.
13. **Frerichs, R.R.:** Two Experts Reveal UN Cover-up of Its Role in 2010 Cholera Epidemic, Ralph R. Frerichs and Jonathan B. Katz, The Peter B. Collins Show, San Francisco, podcast, June 6, 2016.
14. **Frerichs, R.R.:** Deadly River: Cholera and Cover-up in Post-earthquake Haiti, Radio with a View, Marc Stern, WMPR 88.1 FM, Cambridge, MA, June 19, 2016.
15. **Frerichs, R.R.:** Deadly River: Cholera and Cover-up in Post-earthquake Haiti, Chapter One with Greg Grasso, The Library Radio Hour, KISU 91 FM, Idaho State University, July 14, 2016.
16. **Frerichs, R.R.:** Deadly River: Cholera and Cover-up in Post-earthquake Haiti, Shelagh Shapiro -- Write The Book, podcast, Burlington VT, July 18, 2016.
17. **Frerichs, R.R.:** Deadly River: Cholera and Cover-up in Post-earthquake Haiti, Marc Stern -- Radio with a View, WMPR 88.1 FM, Cambridge, MA, August 21, 2016.
18. **Frerichs, R.R.:** The Haitian Cholera Coverup, Nancy Benson -- Radio Health Journal, podcast (airs on 600 radio stations), August 28, 2016.

Editorials:

1. **Frerichs, R.R.:** What the UN must do to wipe out cholera in Haiti. *Boston Globe*, August 22, 2016.
2. **Frerichs, R. R.** and Piarroux, R.: Cholera in Haiti shows U.N. must change its ways, *Miami Herald*, August 24, 2016.

Internet Lectures:

1. **Frerichs, R.R.:** Confronting HIV in India – The Importance of Early Detection. Satellite Session. Fourth International Congress on AIDS in Asia and the Pacific, Manila, Philippines, October 26, 1997. http://www.ph.ucla.edu/epi/faculty/frerichs/asia97/asia97_1.html
2. **Frerichs, R.R.:** Issues in Home HIV Testing. Fourth International Congress on AIDS in Asia and the Pacific, Manila, Philippines, October 27, 1997. http://www.ph.ucla.edu/epi/faculty/frerichs/asia97/asia97_2.html
3. **Frerichs, R.R.:** Global Epidemiology of Cardiovascular Diseases, Albert Schweitzer Institute for the Humanities, Ulaanbaatar, Mongolia, Sept. 27, 1999. http://www.ph.ucla.edu/epi/faculty/frerichs/mongolia99_1/mongo99_1.html
4. **Frerichs, R.R.:** Designing a Public Health Research Project. Albert Schweitzer Institute for the Humanities, Ulaanbaatar, Mongolia, Sept. 27, 1999. http://www.ph.ucla.edu/epi/faculty/frerichs/mongolia99_2/mongo99_2.html
5. **Frerichs, R.R.:** Natural History of Cardiovascular Diseases beginning in Early Childhood. Albert Schweitzer Institute for the Humanities, Ulaanbaatar, Mongolia, Sept. 27, 1999. http://www.ph.ucla.edu/epi/faculty/frerichs/mongolia99_3/mongo99_3.html
6. **Frerichs, R.R.:** Scientists, Politicians and Action – Controlling HIV/AIDS. Ministry of Health, Vietnam and Population Council, Hanoi, Vietnam, August 25, 2000. http://www.ph.ucla.edu/epi/faculty/frerichs/action_vn2000.htm
7. **Frerichs, R.R.:** HIV Testing Strategies, Guest Lecturer, Epi 227. AIDS: A Major Public Health Challenge, UCLA, Los Angeles, CA. 2002-2008. <http://www.ph.ucla.edu/epi/faculty/frerichs/hivteststrategies.html>
8. **Frerichs, R.R.:** Mortality Indices, Guest Lecturer, Epi 200B. Methods II: Prediction and Validity, UCLA, Los Angeles, CA. 2004-2008. http://www.ph.ucla.edu/epi/faculty/frerichs/200B08_06_1_files/frame.htm
9. **Frerichs, R.R.:** DALYs and the Burden of Disease, Guest Lecturer, Epi 200B. Methods II: Prediction and Validity, UCLA, Los Angeles, CA. 2006-2008. http://www.ph.ucla.edu/epi/faculty/frerichs/200B08_2_files/frame.htm

Internet Sites:

1. **Frerichs, R.R.:** International Controversies in HIV Control. http://www.ph.ucla.edu/epi/controversies_hiv.html, 1996-2009.
2. **Frerichs, R.R.:** UCLA Department of Epidemiology. <http://www.ph.ucla.edu/epi/>, 1999-2009.
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