

BIOGRAPHICAL SKETCH

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

NAME		POSITION TITLE	
Detels, Roger		Professor and Chair of Epidemiology	
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
Harvard University, Cambridge, MA	B.A.	1958	
New York University, New York, NY	M.D.	1962	Medicine
University of Washington, Seattle, WA	M.S.	1966	Preventive Medicine

A. Positions and Honors

Positions and Employment

- 1966-1969 Medical Officer, U.S. Naval Medical Research Unit No. 2, Taipei, Taiwan
- 1969-1971 Medical Officer (Research/Epidemiologist), Epidemiology Branch C&FR, National Institute of Neurological Disease and Stroke/NIH, Bethesda, MD
- 1971-1973 Associate Professor of Epidemiology, UCLA School of Public Health
- 1971-1980 Head, Division of Epidemiology, UCLA School of Public Health
- 1980-1985 Dean, UCLA School of Public Health
- 1990-1993 President, International Epidemiological Association
- 1973-present Professor of Epidemiology, UCLA School of Public Health
- 1988-present Director, UCLA/Fogarty AIDS International Training and Research Program, (Thailand, Philippines, Myanmar, Indonesia, India, China, Singapore, Vietnam, Laos, Cambodia, Brazil, Hungary)

Other Experience and Professional Memberships

- 1972-present International Epidemiological Association (IEA); Treasurer, 1984-1990, President, 1990-1993, Past-President, 1993-1996, Executive Committee Member, 1984-1999

Honors

- 1992 Faculty of Public Health Medicine of the Royal Colleges of Physicians of the United Kingdom, Honorary Fellowship
- 1994 American Association for the Advancement of Science, Fellow

B. Selected Peer-reviewed Publications (from a total of more than 300 published papers and chapters on HIV/AIDS and other topics since 1966)

- Wu Z, Liu Z, Detels R. HIV-1 infection in commercial plasma donors in China. *Lancet* 1995;**346**:61-62
- Sarkar S, Panda S, Sarkar K, Hangzo CZ, Bijaya L, Singh NY, Agarwal A, Chatterjee A, Deb BC, Detels R. A cross-sectional study on factors including HIV testing and counselling determining unsafe injecting practices among injecting drug users of Manipur. *Indian J Public Hlth* 1995;**39(3)**:86-92
- Nerurkar VR, Nguyen HT, Dashwood W-M, Hoffman PR, Morens DM, Kaplan AH, Detels R, Yanagihara R. HIV-1 subtype E in commercial sex workers and injection drug users in southern Vietnam. *AIDS Res Hum Retroviruses* 1996;**12(9)**:841-843
- Wu Z, Zhang J, Detels R, Duan S, Cheng H, Li Z, Dong L, Huang S, Jia M, Bi X. Risk factors for initiation of drug use among young males in southwest China. *Addiction* 1996;**91(11)**:1675-1685
- Sudaryo MDK, Detels R. High risk behavior related to HIV transmission among recently diagnosed TB patients in Jakarta. *Southeast Asian J Tropical Med Public Hlth* 1996;**27(3)**:443-448

- Ferbas J, Daar E, Grovit-Ferbas K, Lech W, Detels R, Giorgi JV, Kaplan AH. Rapid evolution of human immunodeficiency virus strains with increased replicative capacity during the seronegative window of primary infection. *J Virol* 1996;**70**(10):7285-7289
- Wu Z, Detels R, Zhang J, Duan S, Cheng H, Li Z, Dong L, Huang S, Jia M, Bi X. Risk factors for intravenous drug use and sharing equipment among young male drug users in southwest China. *AIDS* 1996;**10**:1017-1024
- Panda S, Wang M, Sarkar S, Perez CM, Chakraborty S, Agarwal A, Dorman K, Sarkar K, Detels R, Kaplan AH. Characterization of V3-loop of HIV type 1 spreading rapidly among injection drug users of Manipur, India: A molecular epidemiological perspective. *AIDS Res Hum Retrovir* 1996;**12**(16):1571-1573
- Detels R, Mann D, Carrington M, Hennessey K, Wu Z, Hirji KF, Wiley D, Visscher BR, Giorgi JV. Persistently seronegative men from whom HIV-1 has been isolated are genetically and immunologically distinct. *Immunol Lett* 1996; **51**:29-33
- Wu Z, Zhang J, Detels R, Li VC, Cheng H, Duan S, Li Z, Dong L, Huang S, Jia M, Bi X. Characteristics of risk-taking behaviors, HIV/AIDS knowledge and risk perception among young males in southwest China. *AIDS, Educ Preven* 1997;**9**(2):147-160
- Liu Z, Cumberland WG, Hultin LE, Prince HE, Detels R, Giorgi JV. Elevated CD38 antigen expression on CD8+ T cells is a stronger marker for the risk of chronic HIV disease progression to AIDS and death in the Multicenter AIDS Cohort Study than CD4⁺ cell count, soluble immune activation markers, or combinations of HLA-DR and CD38 expression. *JAIDS Hum Retrovirol* 1997;**16**:83-92
- Dourado I, Martínez-Maza O, Kishimoto T, Suzuki H, Detels R. Interleukin 6 and AIDS-associated Kaposi's Sarcoma: a nested case-control study within the Multicenter AIDS Cohort Study (MACS). *AIDS Res Hum Retroviruses* 1997;**13**(9):781-788
- Liu Z, Cumberland WG, Hultin LE, Prince HE, Detels R, Giorgi JV. Elevated CD38 antigen expression on CD8+ T cells is a stronger marker for the risk of chronic HIV disease progression to AIDS and death in the Multicenter AIDS Cohort Study than CD4⁺ cell count, soluble immune activation markers, or combinations of HLA-DR and CD38 expression. *J Acquir Immune Defic Syndr Hum Retrovirol* 1997;**16**:83-92
- Detels R. HIV in China: the epidemic is now. *International Studies and Overseas Programs (ISOP) Intercom* 1997;**20**(1):1-11
- Nerurkar VR, Nguyen HT, Woodward CL, Hoffman PR, Dashwood W-M, Long HT, Morens DM, Detels R, Yanagihara R. Sequence and phylogenetic analyses of HIV-1 infection in Vietnam: Subtype E in commercial sex workers and injection drug users. *Cell Mol Biol* 1997;**14**:959-968
- Nerurkar VR, Wu Z, Dashwood W-M, Woodward CL, Zhang M, Detels R, Yanagihara R. Complete *nef* gene sequence of HIV type 1 subtype B' from professional plasma donors in the People's Republic of China. *AIDS Res Hum Retroviruses* 1998;**14**:461-464
- Morisky DE, Tiglaio TV, Sneed CD, Tempongko SB, Baltazar JC, Detels R, Stein JA. The effects of establishment practices, knowledge and attitudes on condom use among Filipina sex workers. *AIDS Care* 1998;**10**(2):213-220
- Liu H, Detels R, Xie J, Yu W, Song W, Gao Z, Ma Z. A study of sexual behavior among rural residents of China. *J Acquir Immune Defic Syndr Hum Retrovirol* 1998;**19**:80-88
- Detels R, Muñoz A, McFarlane G, Kingsley LA, Margolick J, Giorgi J, Schragger LK, Phair JP. Effectiveness of highly active antiretroviral therapy on the natural history of HIV/AIDS in a large cohort of seroconverters. *JAMA* 1998;**280**:1497-1503
- Giorgi JV, Majchrowicz MA, Johnson TD, Hultin P, Matud J, Detels R. Immunologic effects of combined protease inhibitor and reverse transcriptase inhibitor therapy in previously treated chronic HIV-1 infection. *AIDS* 1998;**12**:1833-1844
- Liu Z, Cumberland WG, Hultin LE, Kaplan AH, Detels R, Giorgi JV. CD8+ T-lymphocyte activation in HIV-1 disease reflects an aspect of pathogenesis distinct from viral burden and immunodeficiency. *J AIDS Hum Retrovirol* 1998; **18**:332-340
- Wu Z, Qi G, Zeng Y, Detels R. Knowledge of HIV/AIDS among health care workers in China, *AIDS Educ Prev* 1999;**11**:353-363
- Lyles R, Chu C, Mellors JW, Margolick JB, Detels R, Giorgi JV, Al-Shboul Q, Phair JP. Prognostic value of plasma HIV RNA in the natural history of *Pneumocystis carinii* pneumonia, cytomegalovirus, and *Mycobacterium avium* complex disease. *AIDS* 1999;**13**:341-349

Liu H, Detels R. An approach to improve validity of responses in a sexual behavior study in a rural area of China. *AIDS and Behav* 1999;**3**(3):243-249

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Jacobson LP, Yamashita TE, Detels R, Margolick JB, Chmiel JS, Kingsley LA, Melnick S, Muñoz A. Impact of potent- anti-retroviral therapy on the incidence of Kaposi's sarcoma and non-Hodgkin's lymphomas among HIV-1-infected individuals. *JAIDS* 1999;**21**:S34-S41

Simon P, Thometz E, Bunch JG, Sorvillo F, Detels R, Kerndt PR. Prevalence of unprotected sex among men with AIDS in Los Angeles County, California, 1995-1997. *AIDS* 1999;**13**:987-990

Aziz N, Nishanian P, Mitsuyasu R, Detels R, Fahey JL. Variables that affect assays for plasma cytokines and soluble activation markers. *Clin Diagnostic Lab Immunol* 1999;**6**: 89-95

Panda S, Chatterjee A, Bhattacharya SK, Manna B, Singh PN, Sarkar S, Naik TN, Chakrabarti S, Detels R. Transmission of HIV from IDUs to their wives in India. *Int J STD AIDS* 2000;**11**:468-473

Hennessey, KA, Giorgi JV, Kaplan AH, Visscher BR, Gange S, Margolick JB, Riddler S, Phair J, Detels R. AIDS onset at high CD4⁺ levels is associated with high HIV load. *AIDS Res Hum Retroviruses* 2000;**2**:103-107

Taylor JMG, Wang Y, Ahdieh L, Chmiel JS, Detels R, Giorgi JV, Kaslow R, Kingsley L, Margolick J. Causal pathways for CCR5 genotype and HIV progression *J Acquir Immune Defic Syndr* 2000;**23**:160-171.

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Nguyen TA, Long TH, Pham VQ, Detels R. Risk factors for HIV-1 seropositivity in drug users under 30 Years old in Haiphong, Vietnam. *Addiction* 2001;**96**:405-413

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Yamashita TE, Phair JP, Munoz A, Margolick JB, Detels R, O'Brien S, Mellors JW, Wolinsky S, Jacobson LP. Immunologic and virologic response to highly active antiretroviral therapy in the Multicenter AIDS Cohort Study. *AIDS* 2001;**15**:735-746

Jacobson LP, Gore ME, Strathdee SA, Phair J, Riddler S, Detels R for the Multicenter AIDS Cohort Study. Therapy-naive in the era of potent antiretroviral therapy. *J Clin Epidemiol* 2001;**54**(2):149-156

Tarwater PM, Margolick JB, Jin JJ, Phair JP, Detels R, Rinaldo C, Giorgi J, Munoz A. Increase and plateau of CD4 T cell counts in the 3½ years following initiation of potent antiretroviral therapy. *JAIDS* 2001;**27**:168-175

- Nguyen TA, Long TH, Pham VQ, Detels R. Risk factors for HIV-1 seropositivity in drug users under 30 years old in Haiphong, Vietnam. *Addiction* 2001;**96**:405-413
- Wu Z, Rou K, Detels R. Prevalence of HIV infection among former commercial plasma donors in rural Eastern China. *Health Policy Planning* 2001;**16**(2):41-46
- Detels R. The role of epidemiology in challenging the HIV/AIDS pandemic. *J Epidemiol* 2001;**11**(2):95-102
- Liu HJ, Ma ZX, Yu WZ, Xie J, Detels R. Acceptability of voluntary HIV testing and result disclosure among rural residents of China. *J Chin Preven Med* 2001; **35**:30-32. (Chinese)
- Saphonn V, Hor LB, Ly SP, Chhuon S, Saidel T, Detels R. How well do antenatal clinic (ANC) attendees represent the general population? A comparison of HIV prevalence from ANC sentinel surveillance sites with a population-based survey of women aged 15-49 in Cambodia. *Int J Epidemiol* 2002;**31**:449-455
- Jiraphongsa C, Danmoensawat W, Greenland S, Frerichs R, Siraprapasiri T, Glik DC, Detels R. Acceptance of HIV testing and counseling among unmarried young adults in northern Thailand. *AIDS Educ Prev* 2002;**14**(2):89-101
- Liu H, Detels R, Li X, Ma E. Stigma, delayed treatment and spousal notification among male patients with sexually transmitted disease in China. *Sex Transm Dis* 2002;**29**:335-343
- Wu Z, Detels R, Zhang J, Li V, Li J. Community-based trial to prevent drug use in Yunnan, China. *Am J Pub Hlth* 2002;**92**(12):1952-1957
- Wu Z, Detels R, Ji G, Xu C, Rou K, Ding H, Li V. Diffusion of HIV/AIDS knowledge, positive attitudes and behaviors through training of health professionals in China. *AIDS Educ Prev* 2002;**14**(5):379-390
- Tam H, Zhang ZF, Jacobson L, Margolick JB, Chmiel JS, Rinaldo C, Detels R. Effect of highly active antiretroviral therapy on survival among HIV-infected men with Kaposi sarcoma or non-Hodgkin lymphoma. *Int J Cancer* 2002; **98**:916-922
- Yang OO, Boscardin WJ, Matud J, Hausner MA, Hutlin LE, Hutlin PM, Shih R, Ferbas J, Siegal FP, Shodell M, Shearer G, Grene E, Carrington M, O'Brien S, Price CB, Detels R, Jamieson BD, Giorgi JV. Immunologic profile of highly-exposed yet HIV-1 seronegative men. *AIDS Res Hum Retroviruses* 2002;**18**(14):1051-1065
- Gorbach PM, Ryan C, Saphonn V, Detels R. The impact of social, economic and political forces on emerging HIV epidemics. *AIDS* 2002;**16** (Suppl 4):S35-S43
- Liu H, Detels R, Li X, Ma E, Yin Y. Stigma, delayed treatment, and spousal notification among male patients with sexually transmitted disease in China. *Sex Transm Dis* 2002;**29**(6):335-343.
- Liu H, Jamison D, Li X, Ma E, Yin Y, Detels R. Is syndromic management better than the current approach for treatment of STDs in China? Evaluation of the cost-effectiveness of syndromic management for male STD patients. *Sex Transm Dis* 2003;**30**(4):327-330
- Liu C, Carrington M, Kaslow RA, Gao X, Rinaldo CR, Jacobson LP, Margolick JB, Phair J, O'Brien SJ, Detels R. Association of polymorphisms in human leukocyte antigen class I and transporter associated with antigen processing genes with resistance to human immunodeficiency virus type 1 infection. *J Infect Dis* 2003; **187**(9):1404-1410
- Dorak MT, Tang J, Tang S, Penman-Aguilar A, Coutinho RA, Goedert JJ, Detels R, Kaslow RA. Influence of human leukocyte antigen-B22 alleles on the course of human immunodeficiency virus type 1 infection in three cohorts of white men. *J Infect Dis* 2003;**188**:856-863
- Cole SR, Hernán MA, Robins JM, Anastos K, Chmiel J, Detels R, Ervin C, Feldman J, Greenblatt R, Kingsley L, Lai, S, Young M, Cohen M, Muñoz A. Effect of highly active antiretroviral therapy on time to acquired immunodeficiency syndrome or death using marginal structural models. *Am J Epidemiol* 2003;**158**(7):687-694
- Lau B, Gange SJ, Phair J, Riddler SA, Detels R, Margolick JB. Rapid declines in total lymphocyte counts and hemoglobin concentration prior to AIDS among HIV-1-infected men. *AIDS* 2003;**17**:2035-2044
- Rudy ET, Detels R, Douglas W, Greenland S. Factors affecting hepatitis vaccination refusal at a sexually transmitted disease clinic among men who have sex with men. *Sex Transm Dis* 2003; **30**(5):411-418
- Gange SJ, Lau B, Phair J, Riddler SA, Detels R, Margolick JB. Rapid declines in total lymphocyte count and hemoglobin in HIV infection begin at CD4 lymphocyte counts that justify antiretroviral therapy. *AIDS* 2003;**17**(1):119-121