

## 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 C. Fordham von Reyn		POSITION TITLE Professor of Medicine	
eRA COMMONS USER NAME CFVONREYN			
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
Dartmouth College, Hanover, NH	AB	1967	English
Harvard Medical School	MD cum laude	1971	Medicine

**NOTE: The Biographical Sketch may not exceed four pages. Items A and B (together) may not exceed two of the four-page limit. Follow the formats and instructions on the attached sample.**

### A. Positions and Honors.

#### Positions

2007- Director, DarDar International Programs, Dartmouth Medical School  
1988 - 2007 Chief, Section of Infectious Disease and International Health, Dartmouth Medical School  
1994 - present Professor of Medicine, Dartmouth Medical School, Hanover, New Hampshire  
1988 - 2006 Clinical Director (New Hampshire), New England AIDS Education and Training Center  
2002 - 2004 Tuberculosis Committee, Infectious Disease Society of America  
1999 Visiting Scientist, Division of Vaccines, National Public Health Institute of Finland  
1998 - 1999 Chairman (Acting), Department of Medicine, Dartmouth Medical School, Hanover, NH  
1992-1994 President, Northern New England Infectious Disease Society (IDSA)  
1990 Burroughs Wellcome National AIDS Fellowship, Memorial Sloan-Kettering Hospital, NY  
1987 Consultant, World Health Organization, Global Programme on AIDS, Geneva, Switzerland  
1976-1977 Clinical Fellow in Infectious Disease, Harvard Medical School, Beth Israel Hospital, Children's Hospital Medical Center, and Dana-Farber Cancer Center, Boston  
1975-1976 Resident in Medicine, Beth Israel Hospital, Boston, Massachusetts  
1973-1975 Medical Officer, Epidemic Intelligence Service, Centers for Disease Control, U.S. Public Health Service, Atlanta, Georgia  
1971-1973 Resident in Medicine, Beth Israel Hospital, Boston, Massachusetts

#### Honors

1969 Dean's Special Award for Research, Dartmouth Medical School, Hanover, New Hampshire  
1971 M.D. cum laude, Harvard Medical School, Boston, Massachusetts  
1975 Governor's Special Award for Public Service, Santa Fe, New Mexico  
1990 Alpha Omega Alpha, Dartmouth Medical School, Hanover, New Hampshire  
1993 Clinical Science Teaching Award, Dartmouth Medical School, Hanover, New Hampshire  
1996 Red Ribbon Award, 1996. Granite State AIDS Consortium  
1997 Clinical Science Teaching Award, Dartmouth Medical School, Hanover, New Hampshire  
2007 Ford von Reyn International Health Elective, Dartmouth Medical School

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

von Reyn CF, Clements J, Mann JM. HIV infection and routine childhood immunization. *Lancet* 1987;2:669-672.  
von Reyn CF, Barber TW, Arbeit RD, et al Evidence of previous infection with *M. avium* among healthy subjects: an international study of dominant mycobacterial skin tests. *J Infect Dis* 1993;168:1553-58.  
Gilks CF, Brindle R, Mwachari C, Batchelor B, Bwayo J, Kimari J, Arbeit RD, von Reyn CF. Disseminated *M. avium* infection among patients with AIDS in Kenya. *J AIDS* 1995;8:195-8.  
von Reyn CF, Maslow JN, Barber TW, Falkinham JO, Arbeit RD. Persistent colonization of potable water as a source of *M. avium* infection in patients with AIDS. *Lancet* 1995;343:1137-41.

- von Reyn CF, Arbeit RD, Tosteson ANA, Ristola MA, Barber TW, Waddell R, Sox CH, Brindle RJ, Gilks CF, Ranki A, Bartholomew C, Edwards J, Falkingham JO, O'Connor GT and the International MAC Study Group. The international epidemiology of disseminated MAC in AIDS. *AIDS* 1996;10:1025-32.
- Marsh BJ, von Reyn CF, Edwards J et al. The risks and benefits of childhood bacille Calmette-Guérin immunization among adults with AIDS. *AIDS* 1997;11:669-72.
- von Reyn CF, Marsh BJ, Waddell RW, et al. Cellular immune responses to mycobacteria after a five dose schedule of *M. vaccae* in healthy and HIV positive subjects in the United States. *Clin Infect Dis* 1998;27:1517-20.
- Waddell R, von Reyn CF, Baboo KS, Mwinga A, Chintu C, Zumla A. The effects of BCG immunization and HIV infection on dual skin test reactions to purified protein derivative and *Mycobacterium avium* sensitin among adults in Zambia. *Int J Tuberculosis Lung Dis* 1999;3:255-60.
- Lein AD, von Reyn CF, Ravn P, Horsburgh CR, Alexander LN, Andersen P. Cellular immune responses to ESAT-6 discriminate between patients with pulmonary disease due to *Mycobacterium avium* complex and *Mycobacterium tuberculosis*. *Clin Diag Lab Immunol* 1999:1-14.
- von Reyn CF. The significance of bacteremic tuberculosis among persons with HIV infection in developing countries. *AIDS* 1999; 13:2193-5
- Waddell RD, Chintu C, Lein AD, Zumla A, Karagas MR, Baboo KS, Habbema JD, Tosteson ANA, Morin P, Tvaroha S, Arbeit R, Mwinga A, von Reyn CF. Safety and immunogenicity of a five-dose series of inactivated *Mycobacterium vaccae* vaccine for the prevention of HIV associated tuberculosis. *Clin Infect Dis* 2000; 30 (Suppl 30): S309-15
- von Reyn CF, Williams PL, Lederman HM, et al. Skin test reactivity and cellular immune responses to *M. avium* sensitin in AIDS patients at risk for disseminated *M. avium* infection (ACTG 899). *Clin Diag Lab Immun* 2001; 8:1277-8
- Waddell RD, Lishimpi K, von Reyn CF, Chintu C, Baboo KS, Kreiswirth B, Talbot E, Karagas MR, and the Dartmouth/UCLMS/UNZA Collaborative Study Group. Bacteremia due to *Mycobacterium tuberculosis*, or *Mycobacterium bovis*, Bacille Calmette-Guerin (BCG) among HIV positive children and adults in Zambia. *AIDS* 2001;15:55-60
- von Reyn CF, Williams P, Lederman H et al. Skin test reactivity and cellular immune responses to *Mycobacterium avium* sensitin in AIDS patients at risk for *M. avium* infection. *Clin Diag Lab Immun* 2001;8:1277-8
- von Reyn CF, Horsburgh CR, Olivier KN et al. Skin test reactions to *Mycobacterium tuberculosis* purified protein derivative and *Mycobacterium avium* sensitin among health care workers and medical students in the United States. *Int J Tuberc Lung Dis* 2001;5:1122-1128
- von Reyn CF, Arbeit RD, Horsburgh CR, Ristola MA, Waddell RD, Tvaroha SM, Samore M, Hirschhorn LR, Lumio J, Lein AD, Grove MR, Tosteson ANA. Sources of *Mycobacterium avium* infection in AIDS. *J Infection* 2002;44:166-70
- Smole SC, McAleese F, Ngampasutadol J, von Reyn CF, Arbeit RD. Clinical and epidemiological correlates of genotypes with the *Mycobacterium avium* complex (MAC) defined by restriction and sequence analysis of *hsp65*. *J Clin Micro* 2002;40:3374-3380.
- Hersh AL, Tala-Heikkila M, Tala E, Tosteson ANA, von Reyn CF. A cost efficacy analysis of universal versus selective immunization with BCG in Finland. *Int J Tuberc Lung Dis* 2002;7:22-29
- von Reyn CF, Vuola J. New vaccines against tuberculosis. *Clin Infect Dis* 2002;35:465-74.
- Fisk TL, Hon H, Lennox JL, von Reyn CF, Horsburgh CR. Detection of latent tuberculosis infection among HIV-infected persons after initiation of highly active antiretroviral therapy (HAART) *AIDS* 2003; 17: 1102-1104
- Vuola JM, Ristola MA, Cole B, Tvaroha S, Rönkkö T, von Reyn CF. Immunogenicity of an inactivated mycobacterial vaccine for the prevention of HIV-associated tuberculosis: a randomized, controlled trial *AIDS* 2003; 17: 2351-2355
- Marsh BJ, San Vicente J, von Reyn CF. Utility of dual skin tests to evaluate 10-14 mm tuberculin skin test reactions in health care workers. *Infect Control Hosp Epidemiol* 2003; 24: 821-4
- Ellerbrock TV, Chamblee S, Bush TJ, Johnson JW, Marsh BJ, Lowell P, Trenchel RJ, von Reyn CF, Johnson LF, Horsburgh CR. HIV infection in a rural community in the United States. *Am J Epidemiol* 2004;160(6):582-8
- Ristola MA, Vuola JM, Valle M, von Reyn CF. Antibody responses to intradermal recombinant hepatitis B immunization among HIV-positive subjects. *Vaccine* 2004; 23: 205-9
-

Mtei L, Matee M, Herfort O, Bakari M, Horsburgh CR, Waddell R, Cole BF, Vuola JM, Tvaroha S, Kreiswirth B, Pallangyo K, von Reyn CF. High rates of clinical and subclinical tuberculosis among HIV-infected ambulatory subjects in Tanzania. *Clin Infect Dis* 2005; 50:1500-1507.

Reed C, von Reyn CF, Chamblee S, Ellerbrock T, Johnson JW, Marsh BJ, Johnson LS, Trenchel RJ, Horsburgh CR. Environmental risk factors for infection with *Mycobacterium avium* complex. *Am J Epidemiol* 2006; 164: 32-40

Waddell RD, Magesa PM, Pallangyo KJ, Matee M, Bakari M, von Reyn CF, Ziermann. Coinfection with HIV and HCV in a blood bank population in Dar es Salaam, Tanzania. *J Clin Virology* 2006; 36:237-238

von Reyn CF. Routine childhood BCG immunization and HIV infection. *Clin Infect Dis* 2006; 42: 559-61

Matee M, Lahey T, Vuola J, Mtei L, Cole B, Bakari M, Arbeit RD, Horsburgh CR, Pallangyo K, von Reyn CF. Baseline mycobacterial immune responses in HIV-infected adults primed with BCG in childhood and entering a tuberculosis booster vaccine trial. *J Infect Dis* 2007; 195:118-123

Griffith DE, Aksamit T, Brown-Elliott B, Daley C, Gordin F, Holland S, Horsburgh CR, Huitt G, Iademarco M, Iseman M, Oliver K, Ruoss S, von Reyn CF, Wallace RJ, Winthrop K. Diagnosis, treatment and prevention of non-tuberculous mycobacterial diseases. *Am J Respir Crit Care Med* 2007; 175: 367-416

Lahey T, Lin M, Marsh B, Curtin J, Eccles B, von Reyn CF. Increased mortality in rural AIDS patients in New England. *J Acquir Defic Immune Syndr* 2007; 23: 693-8

Adams LV, Waddell RD, von Reyn CF. T-SPOT TB test results in adults with *Mycobacterium avium* complex pulmonary disease. *Scand J Infect Dis* 2008: 1-8

Matee M, Mtei L, Lounasvaara T, Wieland-Alter W, Waddell R, Lyimo J, Bakari M, Pallangyo K, von Reyn CF. Sputum microscopy for the diagnosis of HIV-associated pulmonary tuberculosis in Tanzania. *BMC Public Health* 2008, 8:68

Bakari M, Arbeit RD, Lyimo J, Waddell R, Matee M, Cole BF, Tvaroha S, Horsburgh CR, Soini H, Pallangyo K, von Reyn CF. Basis for treatment of tuberculosis among HIV-infected patients in Tanzania: the role of chest x-ray and sputum culture *BMC Infectious Disease* 2008, 8:32

### **C. Research Support.**

NIH 1 RO1 HD057614

Effects of protein calorie supplementation on HIV disease in breast feeding women and women with tuberculosis

Role: PI

Years: 1/15/09-12/31/13

Aeras Global Tuberculosis Foundation

The DarDar TB vaccine cohort

Role: PI

Years: 12/1/08-5/31/09

2D43 TW006807 (NIH/FIC)

Dartmouth/Boston University AIDS International Training and Research Program

Goal: To train Tanzanian scientists on HIV/AIDS research issues

Role: PI

Years: 06/01/08 - 05/31/13

PHS 5H4A-HA00050-04

New England AIDS Education and Training Center

The goal of this grant is to provide comprehensive HIV/AIDS educational programs for healthcare professionals in New Hampshire and Vermont.

Role: Clinical Director

Years: 7/1/05-6/30/10

---