



David Michael Asmuth, M.D.

Philosophy of Care

Dr. Asmuth's philosophy of care is based on patient autonomy and providing a proactive approach to medical therapy. He seeks to provide information to the patient in a partnership that focuses on maintaining health and limiting the long-term consequences of chronic infections, especially HIV and HCV.

Clinical Interests

Dr. Asmuth has had over 25 years experience treating patients with general infectious diseases with a focused interest in HIV/AIDS and HIV/HCV coinfection. He also treats patients with HCV infection alone.

Dr. Asmuth has conducted approximately 100 clinical trials in the treatment of HIV/AIDS, HIV/HCV coinfection, and HCV monoinfection over the last twenty-five years of clinical research. He has a special interest in translational research trials that focus on HIV pathogenesis, immune reconstitution following initiation of anti-HIV medications, and the impact of HIV infection on mucosal immunity in the gastrointestinal tract. He has recently directed attention to host-microbiome interactions in HIV enteropathy and their effects on systemic immune activation. In addition, he has written and conducted clinical trials for the development of preventive and therapeutic vaccines for HIV, immune-based therapies, and is collaborating with researchers exploring the role of stem cell approaches for the treatment of HIV.

Title Professor of Medicine

Specialty Infectious Diseases, Internal Medicine

Department [Internal Medicine](#)

Division Infectious Diseases

Center/Program Affiliation [Pacific AIDS Education and Training Center](#)

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Education M.D., Northwestern University, Chicago, Illinois, 1985
B.A., University of Notre Dame, South Bend, Indiana, 1977

Internships University of Wisconsin Hospital and Clinics, Madison, Wisconsin, 1985-1986

Residency Primary Care/Boise Tract, University of Washington at Seattle, Seattle, Washington, 1986-1988



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Fellowships Deaconess Hospital/Harvard Medical School, Boston, Massachusetts, 1989-1993
University of Washington-Seattle, Boise, Idaho, 1988-1989

Board Certifications American Board of Internal Medicine, 1988
American Board of Internal Medicine, Infectious Disease, 1992

Professional Memberships American College of Physicians
Infectious Diseases Society of America
International Society of Analytical Cytometry
Veterans Administration Northern California Health Care System-Associate Chief of Staff for Research and Development

Honors and Awards Nominated for Excellence in Teaching Award - Department of Internal Medicine - UTMB, 1999
Humanism in Medical Education Award - AAMC UTMB nominee, 1999

Select Recent Publications Asmuth DM, Pinchuk IV, Wu J, Vargas G, Chen X, Mann S, Albanese A, Ma Z-M, Saroufeem R, Melcher GP, Troia-Cancio P, Torok NJ, Miller CJ, Powell DW. Role of Intestinal Myofibroblasts in HIV-1 Associated Intestinal Collagen Deposition and Immune Reconstitution following combination antiretroviral therapy. *AIDS* 2015 May 15;29(8):877-88.

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Pollard RB, Rockstroh JK, Pantaleo G, Asmuth DM, Peters B, Lazzarin A, Gatell J, Ellefsen-Lavoie K, Podzamczek D, van Lunzen J, Arastéh K, Schürmann D, Clotet B, Hardy D, Mitsuyasu R, Moyle G, Plettenberg A, Fisher M, Fätkenheuer G, Fischl M, Taiwo B, Baksas I, Jolliffe D, Persson S, Jelmert Ø, Hovden A-O, Sommerfelt MA, Wendel-Hansen V, Sørensen B. The safety and efficacy of the peptide-based therapeutic vaccine for HIV-1, Vacc-4x: a randomised, double-blind, placebo-controlled phase 2 trial. *Lancet Infect Dis*. 2014 Apr;14(4):291-300.

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