

**CURRICULUM VITAE**

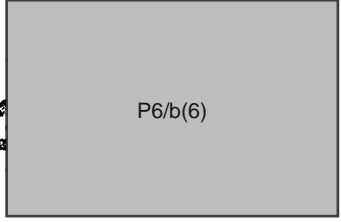
April, 1993

**NAME** Gerald H. Friedland, M.D.  
**ADDRESS (work)** AIDS Program  
30 Welch Center  
Yale-New Haven Hospital  
Yale University School of Medicine  
20 York Street  
New Haven, CT 06504

*(203) 737-2450 office*

*I'm to call him  
at 12 noon*

**ADDRESS (home)**



*Wed. 6/16  
if he doesn't  
call back  
this aft.*

**DATE OF BIRTH**

**PLACE OF BIRTH**

**MARITAL STATUS**

Married, three children

**PRESENT POSITIONS**

Professor of Medicine,  
Professor of Epidemiology and Public Health,  
Yale University School of Medicine

Director, AIDS Program,  
Yale-New Haven Hospital and  
Yale University School of Medicine

**EDUCATION**

- 1959 A.B. Columbia College, New York City
- 1964 M.D. New York University School of Medicine  
New York, New York

**Postdoctoral Training:**

- 1964-1965 Internship, First Medical Division (Columbia University),  
Bellevue Hospital, New York, New York
- 1965-1967 United States Public Health Service,  
Peace Corps Physician, Nigeria
- Instructor in Pathology, University College Hospital,  
Ibadan, Nigeria
- Senior House Officer in Medicine,  
Lagos University Teaching Hospital, Lagos, Nigeria

- 1967-1968 Assistant Medical Resident, First Medical Division,  
Bellevue Hospital, New York, New York
- 1968-1969 Fellow in Infectious Diseases, Beth Israel Hospital-  
Childrens Hospital Medical Center, Harvard Medical School,  
Boston, Massachusetts
- 1968-1969 Special Student, Harvard School of Public Health,  
Cambridge, Massachusetts
- 1969-1970 Senior Medical Resident, Beth Israel Hospital, Boston,  
Massachusetts

ACADEMIC APPOINTMENTS

- 1970-1972 Instructor in Medicine, Harvard Medical School, Boston,  
1972-1981 Assistant Professor of Medicine, Harvard Medical School
- 1977 Instructor, Department of Social and Preventive Medicine,  
Harvard Medical School
- 1975, 1983 Visiting Professor, Ben Gurion University of the Negev,  
Center of Health Sciences, and the Soroka Medical Center,  
Beer Sheva, Israel
- 1981 Associate Professor of Medicine,  
Albert Einstein College of Medicine, Bronx, New York
- 1986 Associate Professor of Epidemiology and Social Medicine,  
Albert Einstein College of Medicine
- 1987 Professor of Medicine,  
Albert Einstein College of Medicine
- 1989 Professor of Epidemiology and Social Medicine,  
Albert Einstein College of Medicine
- 1991 Professor of Medicine,  
Professor of Epidemiology and Public Health,  
Yale University School of Medicine
- 1991 Adjunct Professor of Epidemiology and Social Medicine  
Albert Einstein College of Medicine
- 1992 Clinical Professor of Nursing  
Yale School of Nursing

**HOSPITAL APPOINTMENTS and POSITIONS**

- 1970-1972 Assistant in Medicine, Beth Israel Hospital, Boston
- 1972-1981 Associate in Medicine, Beth Israel Hospital  
1970-1981 Assistant in Medicine (Infectious Diseases),  
Childrens Hospital Medical Center, Boston
- 1970-1981 Member, Combined Infectious Diseases Program, Beth Israel  
Hospital, Childrens Hospital Medical Center, Sidney Farber  
Cancer Institute, and Harvard Medical School
- 1978-1981 Coordinator of Clinical Training, Combined Infectious  
Disease Program, Beth Israel Hospital, Childrens Hospital  
Medical Center, Sidney Farber Cancer Institute, and  
Harvard Medical School
- 1974-1981 Hospital Epidemiologist, Beth Israel Hospital  
Chairperson, Committee on Infection
- 1981-1988 Director, Medical Service I, Montefiore Medical Center,  
North Central Bronx Hospital, Bronx, New York
- 1981-1986 Coordinator, Clinical Clerkship and Subinternship in  
Medicine, Montefiore Medical Center, Albert Einstein  
College of Medicine
- 1981-1991 Member, Division of Infectious Diseases, Montefiore  
Medical Center, Albert Einstein College of Medicine
- 1987-1991 Co-Director, AIDS Center, Montefiore Medical Center
- 1991-Pres. Director, AIDS Program, Yale New Haven Hospital

**OTHER PROFESSIONAL ACTIVITIES**

**Primary Care and Community Medicine:**

- 1970-1981 Internist, Dimock Community Health Center and Mary Eliza  
Mahoney Family Life Center, Roxbury, Massachusetts
- 1972-1974 Medical Director, Mary Eliza Mahoney Family Life Center
- 1974-1977 Director of Adult Services, Dimock Community Health Center
- 1977 Chairperson, Provider Task Force, Massachusetts League of  
Community Health Centers

**Teaching Positions:**

- 1970-1981 Visiting Physician in Internal Medicine, Beth Israel Hospital, Boston
- 1970-1981 Visiting Physician in Infectious Diseases, Beth Israel Hospital and Childrens Hospital Medical Centers, Boston
- 1971-1980 Preceptor, Health Careers Summer Program, Harvard Medical School
- 1972-pres Post-graduate Lecturer at various community and teaching hospitals, national, and international meetings and courses
- 1974-1977 Coordinator and Preceptor, Community Health Preceptorship, Harvard Medical School
- 1975 Curriculum Developer, Infectious Diseases, Microbiology, and Primary Care, Ben Gurion University of the Negev Center for Health Sciences, Beer Sheva, Israel
- 1976-1981 Lecturer and Course Coordinator, Clinical Infectious Diseases Course (4th year), Harvard Medical School
- 1978-1980 Section Leader, Pathophysiology of Infectious Diseases Course (2nd year), Harvard Medical School
- 1978-1979 Lecturer and Course Coordinator, Nosocomial Infections, Post-graduate Course for Infection Control Practitioners, Harvard Medical School, Childrens Hospital Medical Center
- 1981-1991 Medical Service Director and Attending Physician in Internal Medicine and Infectious Diseases, Montefiore Medical Center, North Central Bronx Hospital
- 1981-1986 Coordinator, Clinical Clerkship and Subinternship in Medicine, Montefiore Medical Center and North Central Bronx Hospital, Albert Einstein College of Medicine
- 1991-pres Attending Physician, Yale-New Haven Hospital
- 1992-pres Director, Atkins (AIDS) Firm, Department of Internal Medicine, Yale New Haven Hospital, Yale School of Medicine

**Professional Societies:**

- American College of Physicians
- Infectious Disease Society of America
- American Federation for Clinical Research

(prof. societies cont.) American Society for Microbiology  
Society of Hospital Epidemiologists of America  
Physicians for Social Responsibility  
International AIDS Society

Awards/Honors:

1964 Alpha Omega Alpha  
1979 Massachusetts Health Center, Outstanding Physician Award,  
Massachusetts League of Community Health Centers  
1982 Fellow, American College of Physicians  
1985 Fellow, Infectious Diseases Society of America  
1986 Henry L. Moses Prize for Clinical Research, Montefiore  
Medical Center  
1991 Pacesetter Award, National Institute on Drug Abuse  
1991 Outstanding Achievement Award, 1991 New York State AIDS  
Institute

Licensure and Certification:

1972 Diplomate, American Board of Internal Medicine  
1978 Diplomate, Subspecialty Board of Infectious Diseases  
- New York State Medical License #100631  
- Connecticut State Medical License #31909

ADVISORY POSITIONS & REVIEW COMMITTEES

1983 Chairman, Panel on IV Drug Abusers, Prisoners, Female Sex  
Partners, Children, and Haitians, National Institutes of  
Health, Research Workshop on the Epidemiology of AIDS,  
September, 1983  
1984 Initial Review Group, National Institute on Drug Abuse,  
Studies on AIDS  
1985 Ad Hoc Review Committee, National Institute of Health,  
National Institute of Allergy and Infectious Diseases,  
Review of Cooperative Agreement Applications, Studies of  
AIDS

**BIOGRAPHICAL SKETCH**

Give the following information for the key personnel and consultants and collaborators. Begin with the principal investigator/program director. Photocopy this page for each person.

<b>NAME</b> Gerald H. Friedland	<b>POSITION TITLE</b> Professor of Medicine and Epidemiology and Public Health
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<b>EDUCATION (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</b>			
<b>INSTITUTION AND LOCATION</b>	<b>DEGREE</b>	<b>YEAR CONFERRED</b>	<b>FIELD OF STUDY</b>
Columbia College, New York, NY	B.A.	1959	Sociology
New York University, New York, NY	M.D.	1964	

**RESEARCH AND PROFESSIONAL EXPERIENCE:** Concluding with present position, list, in chronological order, previous employment, experience, and honors. Key personnel include the principal investigator and any other individuals who participate in the scientific development or execution of the project. Key personnel typically will include all individuals with doctoral or other professional degrees, but in some projects will include individuals at the masters or baccalaureate level provided they contribute in a substantive way to the scientific development or execution of the project. Include present membership on any Federal Government public advisory committee. List, in chronological order, the titles, all authors, and complete references to all publications during the past three years and to representative earlier publications pertinent to this application. DO NOT EXCEED TWO PAGES.

- 1964-65 Intern, Medical Service, Bellevue Hospital, NYC
  - 1965-67 USPHS Peace Corps Physician, Nigeria
  - 1968-69 Resident, Medical Service Bellevue Hospital
  - 1969-71 Resident and Fellow, Infectious Diseases, Beth Israel Hospital, Harvard Medical School, Boston, MA
  - 1971-81 Assistant Professor of Medicine, Harvard Medical School
  - 1974-81 Hospital Epidemiologist, Beth Israel Hospital
  - 1978-81 Clinical Training Coordinator, Infectious Diseases, Beth Israel Hospital, Childrens Hospital Medical Center, Sidney Farber Cancer Institute
  - 1981-86 Associate Professor of Medicine, Division of Infectious Diseases, Albert Einstein College of Medicine, Bronx, NY
  - 1981-88 Director, Medical Service 1, Montefiore Medical Center
  - 1987-91 Professor of Medicine, Albert Einstein College of Medicine, Co-Director, AIDS Center, Montefiore Medical Center
  - 1989-91 Professor of Epidemiology and Social Medicine, Albert Einstein College of Medicine
  - 1991-pres. Professor of Medicine and Epidemiology and Public Health, Yale University School of Medicine, Director AIDS Program.
- Research Activities**
- 1983-86 Co-Investigator, NIH, NCI, NIAID, Contract No. 1U01A120671-01, Pathogenesis and Epidemiology of AIDS.
  - 1983-86 Principal Investigator, Hoffman La-Roche Inc., Recombinant Alpha Interferon in the Treatment of AIDS.
  - 1984-87 Principal Investigator, Cooperative Agreement No. CCU200714, Collaborative Study of Family Members of Heterosexual Patients with AIDS.
  - 1987-91 Investigator, AIDS Clinical Trials Unit, Albert Einstein College of Medicine, NCI, NIAID.
  - 1987-91 Principal Investigator - Natural History of HIV Infection in Intravenous Drug Users; No. 5R01 DA04347-, Natural History of HIV Infection in Intravenous Drug Users and Heterosexuals, No U54/CCR200714.
  - 1992 Principal Investigator, AIDS Clinical Trials Unit, Yale University School of Medicine, NIAID
- Advisory Activities**
- 1985-91 AIDS Grant Review Committees: NIH, NIAID and NIDA.
  - 1986, 1988, 1990 Consultant, Classification System for HTLV-11/LAV Infection, Revision of AIDS Case Definition, HIV Infection in Women and Children.
  - 1988-91 New York State AIDS Institute, Education Committee, Chairman.
  - 1988-pres. Co-Editor, AIDS Clinical Care, Editorial Board, AIDS.
  - 1988-pres. Drug and Vaccine Development Roundtable, Institute of Medicine, National Academy of Sciences.
  - 1991-pres. Connecticut Task Force on AIDS, New Haven Mayers Task Force on AIDS.
  - 1992- Chairman, M. Tuberculosis Working Group, ACTG NIAID
- Honors:** Alpha Omega Alpha; Fellow, American College of Physicians;

- (Honors Infectious Diseases Society of America; NIDA Facemaker Award; Outstanding cont.) Achievement Award, NY State AIDS Institute; International AIDS Society
- Publications (selected)
- Friedland GH, Harris GA, Small CB, et.al Intravenous Drug Abusers and AIDS: Demographic Drug Use and Needle Sharing Patterns. *Arch Intern Med* 1985; 145:1413-1417.
- Friedland GH, Saltzman BR, Rogers MR, Kahn P, Lesser ML, Klein RS: Lack of Transmission of HTLVIII/LAV Infection to Non-Sexual Household Contacts of Patients with AIDS. *N Engl J Med* 1986; 314:344-349.
- Macklin R, Friedland GH: Drug Research on AIDS - An ethical analysis. *Law Medicine and Health Care* 1986;14:279-281.
- Marantz P, Linzer M, Painer C, Feinstein S, Kozin A, Friedland GH. Inability to Predict Diagnosis in Febrile Intravenous Drug Abusers. *Ann Intern Med* 1987;106:823-828.
- Friedland GH, Klein RS. Transmission of Human Immunodeficiency Virus. *N Engl J Med* 1987;317:1125-1135.
- Friedland GH: AIDS and Compassion. *JAMA* 1988;259:2898-2899.
- Friedland GH, and the Alpha Interferon Study Group. A Randomized Double Blind Placebo Controlled Trial of Recombinant Interferon Alpha A2 in Patients with AIDS. *J AIDS* 1988;1:111-118.
- Selwyn PA, Feingold AR, Hartel D, Schoenbaum EE, Alderman MH, Klein RS, Friedland GH: Increased Risk of Bacterial Pneumonia in Intravenous Drug Users without AIDS. *AIDS* 1988;2:267-272.
- Bulkin W, Brown L, Fraioli D, Giannattasio E, McGuire G, Tyler P, Friedland GH: Hospice Care of the Intravenous Drug User AIDS Patient in a Skilled Nursing Facility. *J AIDS* 1988;2:375-380.
- Friedland GH: Clinical Therapy of HIV Infection. *AIDS* 1988; 2 Suppl. 1:S199-195.
- Schrager LK, Friedland GH, Maude D, Schreiber K, Adachi A, Fissuti DJ, Koss LG, Klein RS: Cervical and Vaginal Squamous Cell Abnormalities in Women Infected with HIV. *J AIDS* 1989;2:570-575.
- Selwyn PA, Lewis VA, Schoenbaum EE, Hartel D, Klein RS, Walker AT, Friedland GH: A Prospective Study of the Risk of Tuberculosis in Intravenous Drug Users with HIV. *N Engl J Med* 1989;320:545-550.
- Friedland GH. Clinical Care in the AIDS Epidemic. *Daedalus* 1989; 118 No. 2:59-83.
- Friedland GH: AIDS and IV Drug Use in Epidemiology of AIDS, Kaslow R, and Francis D, eds. Oxford University Press, 1989, New York, NY.
- Schoenbaum EE, Selwyn PA, Hartel D, Klein RS, Davenny K, Rogers MD, Feiner C, Friedland GH: HIV Infection in IVDUs: The Relationship of Drug Use, Heterosexual Behaviors and Race/Ethnicity. *N Engl J Med* 1989;321:874-879.
- Friedland GH: Early treatment for HIV - The Time Has Come. Editorial. *N Engl J Med* 1990; 322:1000-1002.
- McKegney FP, O'Dowd MA, Feiner C, Selwyn P, Drucker E, Friedland GH: A Prospective Comparison of Neuropsychologic Function in HIV Seropositive and Seronegative Methadone Maintained Patients. *AIDS* 1990; 4:456E-4569.
- Friedland GH, Kahl P, Saltzman B, Rogers M, Feiner C, Mayers M, Schable C, Klein RS: Additional Evidence for Lack of Transmission of HIV Infection by Close
- Feingold AR, Vermund SR, Burk RD, Kelley KP, Schrager LK, Schreiber K, Munk G, Friedland GH, Klein RS: Cervical cytologic Abnormalities and Papillomavirus in Women Infected with Human Immunodeficiency Virus. *J AIDS* 1990; 3:896-903.
- Klein RS, Friedland GH: Transmission of Human Immunodeficiency Virus Type 1 (HIV-1) by Exposure to Blood: Defining the Risk. *Ann Intern Med* 1990; 113:729-730
- Interpersonal (Casual) Contact. *AIDS* 1990;4:639-644.
- Friedland GH, Saltzman BR, Vilenc J, Freeman K, Schrager LK, Klein RS. Survival Differences in Patients with AIDS *J AIDS* 1991;4:144-153.
- Schrager LK, Friedland GH, Feiner C, Kahl P. Demographic, Drug Use and Sexual Behavior of Intravenous Drug Users with AIDS. *Public Health Rep* 1991;106:78-84.
- Selwyn PA, Schall E, Alcabe P, Friedland GH, Klein R, Schoenbaum EE. High Risk of Active Tuberculosis in HIV-infected Drug Users with Cutaneous Anergy. *JAMA* 1992;268:504-509.
- Greenberg AB, Thomas PA, Landesman SH, Mildvan D, Seidlin M, Friedland GH, et.al. The Spectrum of HIV-1 Related Disease Among Outpatients in New York City. *AIDS* 1992;6:849-859.
- Schwartz EL, Brechbuhl AB, Kahl P, Miller MA, Selwyn, PA Friedland GH. Pharmacokinetic Interactions of Zidovudine and Methadone in Intravenous Drug-Using Patients with HIV Infection. *J AIDS* 1992; 5:619-626.
- Selwyn PA, Alcabe P, Hartel D, Buono D, Schoenbaum EE, Klein RS, Davenny K, Friedland GH. Clinical Manifestations and Predictors of Disease Progression in Drug Users with Human Immunodeficiency Virus Infection. *N Engl J Med* 1992;327:1697-1703.
- Gourevitch, MN, Selwyn PA, Davenny E, Buono D, Schoenbaum EE, Klein RS, Friedland GH. Serologic Patterns and Response to Treatment of Syphilis in a Cohort of HIV-Seropositive and HIV-Seronegative IVDUs. *Ann Intern Med* 1993;118:380-385.