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.

POSITION TITLE
Assistant Professor

EDUCATION (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)

INSTITUTION AND LOCATION	DEGREE	YEAR CONFERRED	FIELD OF STUDY
Wesleyan University, Middletown, CT	B.A.	1976	BIOLOGY
University of Virginia, Charlottesville, VA	M.D.	1980	MEDICINE

RESEARCH AND/OR 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.

Professional Experience:

1980-83	Residency in Internal Medicine, Thomas Jefferson Univ. Hosp., Phila, PA
1983-84	Chief Medical Resident, Thomas Jefferson Univ. Hosp., Phila., PA
1984-85	Fellow in Hematology-Oncology, Hosp. of Univ. of Penn., Phila., PA
1985-87	Research Fellow, Imperial Cancer Research Fund, London, England
1987-89	Fellow in Hematology-Oncology, Hosp. of Univ. of Penn., Phila., PA
1989-90	Research Associate, Hosp. of Univ. of Penn, Phila., PA
1990-present	Staff Physician, Phila. VA Medical Center, Phila., PA
1990-present	Assistant Professor, Hosp. of Univ. of Penn, Phila., PA

Honors and Awards:

1986	Physician's Research Training Fellowship from American Cancer Society
1988	Univ. of Penn. Cancer Center Marlene Shlomchik Fellowship
1988-90	National Research Service Award from NIH
1991	Univ. of Penn. Dept. of Medicine Merck Starter Award

PHS 398 (Rev. 9/91)

(Form Page 6) Page 10

FF