

BIOGRAPHICAL SKETCH

Give the following information for the key personnel and consultants listed on page 2. Begin with the Principal Investigator/Program Director. Photocopy this page for each person.

NAME	POSITION TITLE	BIRTHDATE (Mo., Day, Yr.)	
Charles C. Cunningham, M.D.	Associate Physician and and Instructor	12/3/55	
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
Texas A & M University, Texas	B.S.	1978	Medicine
Univ. of Texas Southwestern Medical School	M.D.	1982	

RESEARCH AND PROFESSIONAL EXPERIENCE: Concluding with present position, list, in chronological order, previous employment, experience, and honors. Include present membership on any Federal Government public advisory committee. List, in chronological order, the titles 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.

Postdoctoral Training:**Internship and Residency:**

1982-1983 Intern in Medicine, Medical College of Wisconsin Affiliated Hospitals
Milwaukee, WI

1983-1985 Resident in Medicine, Medical College of Wisconsin Affiliated
Hospitals, Milwaukee, WI

Fellowships:

1986-1989 Clinical and Research Fellow (Hematology/ Oncology),
Massachusetts General Hospital, Boston, Ma

Research Fellow in Medicine, Harvard Medical School, Boston, Ma

Licensure and Certification:

1982 Texas License Registration No. G3263

1983 Wisconsin License Registration No. 25232

1988 Massachusetts License Registration No. 59636

1986 American Board of Internal Medicine, Certificate No. 108780

Academic Appointments:

1985-1986 Chief Medical Resident, Medical College of Wisconsin
Instructor in Medicine, Medical College of Wisconsin

1986-1988 Research Fellow in Medicine, Harvard Medical School

1988- Instructor in Medicine, Harvard Medical School

Hospital Appointments:

1985-1986 Clinical Instructor, Milwaukee County Medical Complex
Staff Physician, Froedert Memorial Lutheran Hospital,
Milwaukee, WI

Associate Chief of Service, Medicine Section,

	Clement Zablocki Memorial Veterans Center, Wood, WI
1986-1988	Clinical and Research Fellow in Medicine, Massachusetts General Hospital, Boston, Ma
1988- 1991	Clinical Assistant in Medicine, Massachusetts General Hospital, Boston, Ma
1991-	Associate Physician, Brigham & Women's Hospital, Boston, Ma

Publications:

Studemeister A, Ptacin M, Cunningham C, and Libnoch J: Unexplained Hypotension in Hodgkin's Disease. *Cardiology* 75:154-156, 1988.

Van Ruiswyk J, Cunningham C, and Cerletty J: Obstructive Manifestations of Thyroid Lymphoma. *Archives of Internal Medicine* 149:1575-1577, 1989.

Cunningham C and Lind S: Apparent Response of Post-Transfusion Purpura to Splenectomy. *American Journal of Hematology* 30: 112-113, 1989.

Cunningham, C. C., Stossel, T. P. and Kwiatkowski, D. J. Enhanced Motility in NIH 3T3 Fibroblasts That Overexpress Gelsolin. *Science*. 251, 1233-1236, 1991.

Cunningham, C. C., Gorlin, J. B., Kwiatkowski, D. J., Hartwig, J. H., Janmey, P. J., Byers, H. R., and Stossel, T. P. Genetic Repair of Cortically Unstable Human Melanoma Cells Deficient in Actin-binding Protein. *Science*. in press.