

**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 <b>Andrew I. Schafer, M.D.</b>	POSITION TITLE <b>Associate Professor of Medicine</b>	BIRTHDATE (Mo., Day, Yr.) <b>3/20/48</b>	
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
Northeastern University, Boston	B.A.	1969	Biology
University of Pennsylvania, Philadelphia	M.D.	1973	Medicine

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.

**PROFESSIONAL EXPERIENCE**

- 1973-74 Intern in Medicine, University of Chicago Hospitals and Clinics, Chicago, IL  
 1974-76 Junior and Senior Assistant Resident, University of Chicago Hospitals and Clinics  
 1976-77 Clinical Fellow in Medicine, Harvard Medical School and Peter Bent Brigham Hospital, Boston, MA  
 1977-79 Research Fellow in Medicine, Harvard Medical School and Peter Bent Brigham Hospital  
 1979- Director of Hematology, West Roxbury VA Hospital  
 1979-81 Instructor in Medicine, Harvard Medical School  
 1981-87 Assistant Professor of Medicine, Harvard Medical School  
 1982- Associate Physician, Brigham and Women's Hospital  
 1985 Acting Director, Hematology Division, Brigham and Women's Hospital  
 1987- Associate Professor of Medicine, Harvard Medical School

**AWARDS, HONORS, AND COMMITTEES**

- 1976-77 American Cancer Society Clinical Fellowship  
 1979-81 Medical Foundation Research Fellow  
 1983-88 Established Investigatorship, American Heart Association  
 1984 Milton Fund Award, Harvard Medical School  
 1984-87 American Heart Association (Mass.) Research Peer Review Committee  
 1986- American Society for Clinical Investigation

**SELECTED PUBLICATIONS (of 61 total)**

- Cooper B, Schafer AI, Puchalsky D, Handin RI. Platelet resistance to prostaglandin D<sub>2</sub> in patients with myeloproliferative disorders. *Blood*. 1978; 52:618-26.
- \*2. Schafer AI, Cooper B, O'Hara D, Handin RI. Identification of platelet receptors for prostaglandin I<sub>2</sub> and D<sub>2</sub>. *J Biol Chem*. 1979; 254:2914-7.
- Cooper B, Schafer AI, Puchalsky D, Handin RI. Desensitization of prostaglandin-activated platelet adenylate cyclase. *Prostaglandins*. 1979; 17:561-71.
- Schafer AI, Handin RI. The role of platelets in thrombotic and vascular disease. *Prog Cardiovasc Dis*. 1979; 22:31-52.
- Schafer AI, Alexander RW, Handin RI. Inhibition of platelet function by organic nitrate vasodilators. *Blood*. 1980; 55:649-54.
- Schafer AI, Levine S, Handin RI. Regulation of platelet arachidonic acid oxygenation by cyclic AMP. *Blood*. 1980; 56:853-8.
- Schafer AI, Gimbrone MA, Handin RI. Endothelial cell adenylate cyclase. *Biochem Biophys Res Commun*. 1980; 96:1640-7.
- Schafer AI, Cheron RG, Dluhy R, Cooper B, Gleason RE, Soeldner JS, Bunn HF. Clinica