BIOGRAPHICAL SKETCH

Give the following information for key professional personnel listed on page 2, beginning with the
Principal Investigator/Program Director. Photocopy this page for each person.

NAME	TITLE	BIRTHDATE (Mo., Day, Yr.)
Joan E. Bailey-Wilson	Assistant Professor	11/1/53

EDUCATION (Begin with baccalaureate or other initial professional education and include postdoctoral training)

INSTITUTION AND LOCATION	DEGREE (circle highest degree)	YEAR CONFERRED	FIELD OF STUDY
Western Maryland College, Westminster, MD.	B.S.	1975	Biology
Indiana University, Indianapolis, Ind.	Ph.D.	1980	Medical Genetics
LSU Medical Center, New Orleans, La.		1981	Postdoctoral Stud:

RESEARCH AND/OR 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 NO EXCEED TWO PAGES.

Employment:

1973-1979	Associate Instructor, Department of Mathematics, Indiana University-Purdue University at Indianapolis
1979-1982	Research Associate, Department of Biometry, Louisiana State University Medical Center, New Orleans
1982-	Assistant Professor, Louisiana State University Medical Center

Experience:

Participation in the development of a genetic data base system and the design and development of related genetic applications programs.

Computer programming in FORTRAN, BASIC, BASIC PLUS, Pascal, ALGOL, COBOL, PL/I and JCL ON CDC, DEC, and IBM computer systems. Also experience on minicomputer (PDP 11/45).

Experience with segregation and linkage analysis programs and various statistical analysis packages, such as BMDP.

Publications:

1. J.E. Bailey, P.L. Yu, J.A. Norton, Jr., J.M. Gersting, K.W. Kang and J.C. Christian. (1977) Effects of departures from twin analysis assumptions, Annual meeting of the American Society of Human Genetics, San Diego, October, 1977: Amer. J. Hum. Genet. 29:20A.

2. J.C. Christian, J.E. Bailey, M.M. Evans, K.W. Kang and J.A. Norton, Jr. (1977) Simulation of twin data controlling population mean, variance, skewness and kurtosis, Acta Genet. Med. Gemellol. 26:87:

3. A.F. Wilson, J.E. Bailey, F.M. Conneally, P.L. Yu and J.M. Gersting. (1977) The relative efficiency of genetic linkage analysis in disorders with late age of onset or lack of penetrance, Annual meeting of the American Society of Human Genetics, San Diego; Amer. J. Hum. Genet. 29:115A.

4. A.F. Wilson, J.E. Bailey, P.M. Conneally, P.L. Yu and J.M. Gersting. (1978) Monte Carlo simulation: the effects of reduced penetrance in genetic linkage analysis, Proceedings of the Fifth Annual Indiana University Computing Network Conference on Academic Applications, 127.

5. J.E. Bailey and J.C. Christian. (1978) Effects of non-normality of analyses of