APPLICANT/FELLOW BIOGRAPHICAL SKETCH (SAMPLE)

USE ONLY FOR INDIVIDUAL PREDOCTORAL and POSTDOCTORAL FELLOWSHIPS. DO NOT EXCEED FOUR PAGES.

NAME OF APPLICANT/FELLOW	POSITION TITLE
Leilani Robertson-Chang	Postdoctoral researcher
eRA COMMONS USER NAME (credential, e.g., agency login) RobertsonL	

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

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	YEAR(s)	FIELD OF STUDY
Swarthmore College	B.S.	05/1996	Engineering
UC San Diego	Ph.D.	09/2004	Molecular biology
Michigan State University (postdoc)	n/a	n/a	Bioinformatics

Please refer to the application instructions in order to complete sections A, B, and C of the Biographical Sketch.

NOTE: The Biographical Sketch may not exceed four pages. Follow the formats and instructions on the attached sample.

A. Positions and Honors. List in chronological order all non-degree training, including postdoctoral research training, all employment after college, and any military service. Clinicians should include information on internship, residency and specialty board certification (actual and anticipated with dates) in addition to other information requested. State the Activity/Occupation and include beginning/end dates, field, name of institution/company, and the name of your supervisor/employer.

A. Positions and Honors

ACTIVITY/OCCUPATION	BEGINNING DATE (mm/yy)	ENDING DATE (mm/yy)	FIELD	INSTITUTION/COMPANY	SUPERVISOR/ EMPLOYER
Engineer	08/96	06/98	Structural engineering	The IBeam Group	Sandip Mehta
Postdoc	10/04	12/04	Molecular biology	UC San Diego	G. Chadwick Murray
Postdoc	01/05	present	Bioinformatics	Michigan State University	Anthony J. Balducci

Academic and Professional Honors. List any academic and professional honors. Include all scholarships, traineeships, fellowships, and development awards other than Kirschstein-NRSA. Indicates sources of awards, dates, and grant or award numbers. List current memberships in professional societies, if applicable.

Daughters of Hawaii Scholarship, 1992-1994
National Merit Scholarship, 1992-1996
Paula F. Laufenberg award for best senior project in the Department of Engineering, Swarthmore College, 1996
B.S. awarded with high honors, Swarthmore College, 1996
STAR award for public service in engineering, The IBeam Group, 1998
Ford Foundation Predoctoral Fellowship for Minorities, 1999-2002

Memberships in professional societies:

Sigma Xi
Association for Women in Science
National Society for Bioinformatics and Biotechnology

B. Publications (in chronological order). List your entire bibliography, separating research papers, abstracts, book chapters and reviews. Within each subsection the list should be chronological. Manuscripts listed as "pending publication" or "in preparation" should be included and identified.

Research papers:

Lorentson, C., Robertson-Chang, L., Sauer, N., and Mehta, S. 1997. Use of high-tensile concrete in cantilevered structures. J. Applied Engineering 63, 413-424.

Robertson-Chang, L., Yager, L.N., and Murray, G.C. 2003. Rtc is an essential component of the Drosophila innate immune response. Genetics 145, 884-891.

Yao, M., Dionne, C.-F., Robertson-Chang, L., and Murray, G.C. 2004. Up-regulation of Drosophila innate immunity genes in response to stress. Science 304, 1754-1756.

Robertson-Chang, L., Cescaloo, Q., and Murray, G.C. 2005. Structural analysis of Drosophila Rtc. In preparation.

Abstracts:

Robertson-Chang, L. and Janessa, A.J. 1995. Redesigning the Golden Gate bridge. Abstract for poster presentation, National Undergraduate Symposium on Science and Engineering, Baltimore, MD.

Robertson-Chang, L., Dionne, C-F., Yager, L.N. and Murray, G.C. 2004. Characterization of Rtc, an essential component of the innate immune response. Abstract for poster presentation, 48th Annual Drosophila Research Conference, Bozeman, MT.

Robertson-Chang, L. Using the Pugh-Andersen algorithm to evaluate microarray data. Abstract (submitted) for platform presentation, National Society for Bioinformatics and Biotechnology Annual Conference, Charleston, SC, November 2005.

Reviews:

Robertson-Chang, L. and Murray, G.C. 2003. Stress, flies, and videotape: the Drosophila stress response. Ann. Rev. Physiol. 346, 223-245.

C. Scholastic Performance. ***Predoctoral*** applicants: Using the chart provided, list by institution and year all undergraduate and graduate courses with grades. ***Postdoctoral*** applicants: Using the chart provided, list by institution and year all undergraduate courses and graduate scientific and/or professional courses germane to the training sought under this award with grades. In the space following the chart, explain marking system if other than 1-100; A, B, C, D, F, or 0 – 4.0. Show level required for passing. Predoctoral applicants should provide Graduate Record Examination scores, if available. MD/PhD applicants should provide MCAT scores, if available.

SCIENCE			OTHER		
YEAR	COURSE TITLE	GRADE	YEAR	COURSE TITLE	GRADE
	SWARTHMORE COLLEGE			SWARTHMORE COLLEGE	
1993	Introduction to Molecular Biology	A	1992	Introduction to Engineering	A
1993	Introductory Chemistry I	B	1992	Calculus I	A
1993	Physics for Engineers	A	1993	Calculus II	B
1994	Introductory Chemistry II	C	1993	Structures and Design	A
1994	Organic Chemistry I	A	1993	Linear Algebra	B
1995	Organic Chemistry II	A	1994	Structural Materials	B

1995	Biochemistry	A
1996	Cell Biology	A
	UC SAN DIEGO	
1998	Seminar in Genetics	P
1999	Statistics for the Life Sciences	P
2000	Ethics in Biological Research	CRE
2001	Seminar in Physiology & Behavior	P

1994	Structural Materials Laboratory	A
1994	Numerical Computation & Graphics Tools	A
1994	Engineering Graphics and Computer-Assisted Assisted Design	A
1994	Principles of Structural Design I	B
1994	Statistics, Probability, and Reliability	A
1995	Principles of Structural Design II	A
1996	Senior Project	A

Except for the scientific ethics course, UC San Diego graduate courses are graded P (pass) or F (fail). Passing is C plus or better. The scientific ethics course is graded CRE (credit) or NC (no credit). Students must attend at least seven of the eight presentation/discussion sessions for credit.