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**BIOGRAPHICAL SKETCH****DO NOT EXCEED FIVE PAGES.**

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NAME		POSITION TITLE	
Reid S. Alisch		Fellow, Human genetics	
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
University of Washington, Seattle, WA	B.A.	1989-1994	Chemistry
University of Michigan, Ann Arbor, MI	M.S.	1997-1999	Human Genetics
University of Michigan, Ann Arbor, MI	Ph.D.	1999-2003	Human Genetics

**INSTRUCTIONS: The LRP Biographical Sketch may not exceed five pages. Follow the format on the sample provided.**

**A. Positions and Honors.** List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

**Positions Held:**

- 1991-1994      Research Assistant, laboratory of David L. Eaton, Ph.D., Department of Environmental Health, School of Public Health and Community Medicine, University of Washington, Seattle WA.
- 1994-1997      Associate Scientist, Department of Genomics, Darwin Molecular Corporation, Bothell, WA.
- 1999-2003      Graduate Student Research Associate, laboratory of John V. Moran, Ph.D., Department of Human Genetics and Department of Internal Medicine, University of Michigan Medical Center, Ann Arbor, MI.
- 2003-Pres.      Post-doctoral Fellow, laboratory of Stephen T. Warren, Ph.D., Department of Human Genetics, Emory University, Atlanta, GA

**Professional Membership:**

- 2003-Pres.      American Society of Human Genetics

**Fellowships and Honors:**

- 1999-2001      NIH predoctoral genetics training grant, University of Michigan, Ann Arbor, MI.
- 2004              Fragile X Foundation grant, Emory University School of Medicine, Atlanta, GA.
- 2004              American Society of Human Genetics, Postdoctoral Presentation Award Finalist, 54<sup>th</sup> Annual Meeting, Toronto, Ontario, Canada, October 2004.

- 2005 Pres. NIH postdoctoral neurobiology training grant, Emory University School of Medicine, Atlanta, GA.
- 2005 American Society of Human Genetics, Postdoctoral Presentation Award Winner, 55<sup>th</sup> Annual Meeting, Salt Lake City, Utah, October 2005.

**B. Selected peer-reviewed publications (in chronological order).** Do not include publications submitted or in preparation.

Yu, C., Osha, J., Fu, YH., Wisjsman, E., Hisama, F., Alisch, R., Matthews, S., Nakura, J., Miki, T., Ouais, S., Martin, G., Mulligan, J., Schellenberg, G. 1996. Positional Cloning of the Werner's Syndrome Gene. *Science* 272:258-262.

Brunkow ME, Gardner JC, Van Ness J, Paeper BW, Kovacevich BR, Proll S, Skonier JE, Zhao L, Sabo PJ, Fu Y, Alisch RS, Gillett L, Colbert T, Tacconi P, Galas D, Hamersma H, Beighton P, Mulligan J. 2001 Bone dysplasia sclerosteosis results from loss of the SOST gene product, a novel cystine knot-containing protein. *Am J Hum Genet.*, 68(3):577-89.

Wei, W., Morrish, T.A., Alisch, R.S., Moran, J.V. 2000. A transient assay reveals that cultured human cells can accommodate multiple LINE-1 retrotransposition events. *Analytical Biochemistry*, 10;284(2):435-8.

Badge. R. M., Alisch, R.S., Moran J.V. 2003. ATLAS: A system to selectively identify human-specific LINE-1 insertions. *Am J Hum Genet.* 72:823-838.

Jin, P., Alisch, R.S., Warren, S.T. 2004. RNA and microRNAs in fragile X mental retardation. *Nat Cell Biol.* 6(11):1048-53.

Alisch, R.S., Garcia-Perez, J.L., Muotri, A.R., Gage, F.H., Moran, J.V., 2006. Unconventional translation of mammalian LINE-1 retrotransposons. *Genes and Development*.