BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME	POSITION TITLE
Leonore Reiser	Director of Outreach
eRA COMMONS USER NAME	

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
Rhode Island School of Design		1980-82	Sculpture
State University of New York	B.A.	1985-87	Biology
University of California, Berkeley	Ph.D.	1989-1995	Plant Biology

A. Positions and Honors.

Positions and Employment

1989-1995 Graduate Student Researcher, University of California, Berkeley, CA
1996-1996 Post-Doctoral Fellow, Plant Gene Expression Center, Albany, CA
1999-2006 Scientific Curator, The Arabidopsis Information Resource, Stanford, CA.
2003-2006 Education Coordinator, Carnegie Institution, Department of Plant Biology, Stanford, CA.

Honors

1993 UC Berkeley Provosts Research Fund
1996 NIH/NRSA Postdoctoral Fellowship

Professional Activities

Grant Reviewer: National Science Foundation, USDA Plant Genetics (1995-2000).
Manuscript Reviewer: Development, Plant Physiology, Development, Cell Biology Education.
Member: American Society for Plant Biologists, Association of Women in Science

B. Selected Peer-Reviewed Publications.

1. Leonore Reiser and Robert L. Fischer (1993), The Ovule and the Embryo Sac. Plant Cell, 10:1291-1301.
2. Zora Modrusan, Leonore Reiser, Kenneth A. Feldmann, Robert L. Fischer and George W. Haughn. (1994), Homeotic transformation of ovules into carpel-like structures in Arabidopsis. Plant Cell 5:333-349.
3. Leonore Reiser, Zora Modrusan, Linda Margossian, Alon Samach, Nir Ohad, George Haughn and Robert Fischer. (1995) Patterning of the Arabidopsis Ovule Primordium Involves the Regulated Expression of the BELL1 Homeobox gene that Controls Integument Morphogenesis. Cell, 83:735-742.
4. Kevin Klucher, Helen Chow, Leonore Reiser, Robert L. Fischer (1996). The AINTEGUMENTA Gene of Arabidopsis Required for Ovule and Female Gametophyte Development is Related to the Floral Homeotic Gene APETALA2. Plant Cell 8: 137-153.
5. Leonore Reiser, Patricia Sanchez-Baracaldo and Sarah Hake (2000), Knots in the family tree: Evolutionary relationships and functions of knox homeobox genes. Plant Molecular Biology, 42:151-166.
6. Erik Vollbrecht, Leonore Reiser and Sarah Hake (2000), Shoot meristem size in maize is dependant on inbred background and presence of the maize homeobox gene, knotted1. Development, 14:3161-72.

7. Huala, E., Dickerman, A.W., Garcia-Hernandez, M., Weems, D.C., Reiser, L., LaFond, F., Hanley, D., Kiphart, D., Zhuang, M., Huang, W., Mueller, L., Bhattacharayya, D., Bhaya, D., Sobral, B., Bevis, B.W., Meinke, D.W., Town, C.D., Somerville, C., and Rhee, S.Y. (2000). The Arabidopsis Information Resource (TAIR): A comprehensive database and web-based information retrieval, analysis and visualization system for a model plant. Nucleic Acids Research, 29:102-105.
8. Leonore Reiser, Lukas Mueller, and Sueng Yon Rhee (2002). Surviving in a Sea of Data. Plant Molecular Biology, 48:59-74The Gene Ontology Consortium (2001) Creating the Gene Ontology Resource: Design and Implementation. Genome Research , Aug;11(8):1425-1433.
9. Garcia-Hernandez, M.; Berardini, T. Z.; Chen, G.; Crist, D.; Doyle, A.; Huala, E.; Knee, E.; Lambrecht, M.; Miller, N.; Mueller, L. A.; Mundodi, S.; Reiser, L.; Rhee, S. Y.; Scholl, R.; Tacklind, J.; Weems, D. C.; Wu, Y.; Xu, I.; Yoo, D.; Yoon, J.; Zhang, P. (2002) TAIR: a resource for integrated Arabidopsis data.
10. Functional and Integrative Genomics, 2(6):239.
11. Rhee SY, Beavis W, Berardini TZ, Chen G, Dixon D, Doyle A, Garcia-Hernandez M, Huala E, Lander G, Montoya M, Miller N, Mueller LA, Mundodi S, Reiser L, Tacklind J, Weems DC, Wu Y, Xu I, Yoo D, Yoon J, Zhang P. (2003)The Arabidopsis Information Resource (TAIR): a model organism database providing a centralized, curated gateway to Arabidopsis biology, research materials and community. Nucleic Acids Research, 31(1):224.
12. Erin Dolan, Barbara Soots, Peggy Lemaux, Leonore Reiser and Sue Rhee (2003). Encouraging and Facilitating Scientists' Efforts in Pre-college Education and Outreach Or How to Avoid Reinventing the Educational Wheel. Genetics.166:1601-9.
13. Berardini TZ, Mundodi S, Reiser L, Huala E, Garcia-Hernandez M, Zhang P, Mueller LA, Yoon J, Doyle A, Lander G, Moseyko N, Yoo D, Xu I, Zoeckler B, Montoya M, Miller N, Weems D, Rhee SY. Functional annotation of the Arabidopsis genome using controlled vocabularies. (2004) Plant Physiology, 135:745-55.
14. Reiser, Leonore and Rhee, Sueng Yon. Finding information about Arabidopsis Genes using The Arabidopsis Information Resource (TAIR). In Current Protocols in Bioinformatics. Andreas D. Baxevanis, eds. John Wiley (2005).
15. Reiser, Leonore and Garcia-Hernadez, Margarita. Mining Arabidopsis Databases : in Arabidopsis Protocols. Jose Martinez-Zapater and Julio Salinas, eds. Humana Press (2006).
16. Pujar A, Jaiswal P, Kellogg EA, Ilic K, Vincent L, Avraham S, Stevens P, Zapata F, Reiser L, Rhee SY, Sachs MM, Schaeffer M, Stein L, Ware D, McCouch S. Whole-plant growth stage ontology for angiosperms and its application in plant biology. Plant Physiol. 2006 Oct;142(2):414-28