

Dr. Stephen A. Goff, Ph.D.
Hired 5/19/2008

Higher Education & Professional Positions:

(**B.A.**) Cellular Biology (1978) University of California, Santa Cruz
(**Ph.D.**) Cell Physiology (1985) Harvard University
(**Postdoctoral**) Biogen, Geneva, Switzerland (1985); Tufts Medical School (1985-87); University of California, Berkeley/USDA Berkeley (1987-90); University of Oregon, Eugene (1990-92)
(**Sr Scientist, Group Leader**) Ciba-Geigy Biotechnology (1992-98)
(**Adjunct Professor**) The Scripps Research Institute (1998-2003)
(**Director, Genome Technology**) Torrey Mesa Research Institute (1998-2003)
(**Sr Syngenta Fellow, Sr Technical Analyst**) Syngenta Biotechnology, Inc. (2003-08)
(**Research Professor**) BIO5 Institute, University of Arizona (2008-present)
(**PI/Project Director**) The iPlant Collaborative (2008-present)

Listing of Recent Scholarly Work (60+ total publications; 80+ patents):

Goff, S.A., and A.L. Goldberg. (1985). Abnormal proteins increase transcription of *lon* and other heat shock genes. *Cell* 41:587-595.

Goff, S.A. (2002). "Collaboration on the rice genome." *Science* 296 (5565): 45.

Goff, S.A., D. Ricke, Lan TH, Presting G, Wang R, Dunn M, Glazebrook J, Sessions A, Oeller P, Varma H, Hadley D, Hutchison D, Martin C, Katagiri F, Lange BM, Moughamer T, Xia Y, Budworth P, Zhong J, Miguel T, Paszkowski U, Zhang S, Colbert M, Sun WL, Chen L, Cooper B, Park S, Wood TC, Mao L, Quail P, Wing R, Dean R, Yu Y, Zharkikh A, Shen R, Sahasrabudhe S, Thomas A, Cannings R, Gutin A, Pruss D, Reid J, Tavtigian S, Mitchell J, Eldredge G, Scholl T, Miller RM, Bhatnagar S, Adey N, Rubano T, Tusneem N, Robinson R, Feldhaus J, Macalma T, Oliphant A, Briggs S. (2002). "A draft sequence of the rice genome (*Oryza sativa* L. ssp. japonica)." *Science* 296 (5565): 92-100.

Goff, S.A, and Salmeron, J. (2004). Back to the Future of Cereals. *Scientific American* (August 2004)

Goff, S.A., and Klee, J.H. (2006). Plant Volatile Compounds: Sensory Cues for Health and Nutritional Value? *Science* 311: 815-819

Goff, Stephen A., et al. (2011). The iPlant Collaborative: Cyberinfrastructure for Plant Biology. *Frontiers in Plant Science* 2:34.

Current Grant Funding:

NSF #DBI-0735191, "The iPlant Collaborative Cyberinfrastructure Project", 2/2008 - 1/2013, \$50M

NSF #IOS-1248090, "The Molecular Basis of Aging: The role of allele-specific gene expression, protein folding, and protein stability on the progression of aging", 9/2012 – 5/2014, \$300K

Recent Invited Lectures:

University of Arizona Cooperative Extension Annual Meeting, Tucson, AZ, August 15, 2012, “*The iPlant Collaborative: Cyberinfrastructure to Support Life Science Research*”

Harvard Medical School, Brookline, MA, September 14, 2012, “*Heterosis and Aging*”

ILSI Health and Environmental Science Institute’s CITE Inaugural Workshop, Arlington, VA, Dec. 6-7, 2012, “*Agricultural Science and Innovation: The iPlant Collaborative*”

Winter Breeding Institute, Tucson, AZ, January 7 – 11, 2013, “*Bioinformatics for Breeders*”

Honors:

Research Leader of the Year, *Scientific American*, 2002

Major Service or Committee Assignments:

None