

How understanding ecological communities gives us a better understanding of individual species

Presented by:

Sharon Y. Strauss

**Associate Professor
Evolution and Ecology
UC-Davis**

**Thursday
October 10, 2002
4:00 p.m.**

Myers Hall 130

**Afterwards: Meet the Speaker
in the Jordan Hall Atrium
Pizza & Soft Drinks will be served!**

About the Joan Wood Lecture Series:

The Joan Wood Lecture Series provides a forum for undergraduates to interact with female professionals in science-related careers. Before her death in 1990, Dr. Wood maintained a private practice as a consultant in prenatal diagnosis of genetic disorders and was associated with Genetic Consultation Services. She was a strong advocate of women in the sciences and remained active in educational programs within the Indiana University Department of Biology. Memorial contributions made in her honor helped establish this lecture series.



Sharon Strauss, Ph.D.

Current Positions

Associate Professor, Evolution and Ecology,
University of California, Davis
Affiliate Professional Scientist, Center for
Biodiversity, Illinois Natural History Survey

Education

Ph.D., Florida State Univ., Biology, 1988
M.S., University of Minnesota, Ecology, 1984
A.B., Harvard Univ. (cum laude), Biology, 1978

Professional Activities

Program Director, Ecological Studies, Division of
Environmental Biology, National Science
Foundation, 2001-2002
Member: Ecological Society of America; Society for
the Study of Evolution; American Society of
Naturalists; and Association for Women in
Science

Honors and Awards

Visiting Scientist, CRC/CSIRO - Entomology,
Canberra, Australia, 2000
Awardee, National Science Foundation Visiting
Professorship for Women, 1991
Young Investigator Award, American Society of
Naturalists, 1990

Recent Publications

Adler, L.S., R. Karban and S.Y. Strauss. 2001.
Direct and Indirect effects of alkaloids on plant
fitness via herbivory and pollination. *Ecology*
82:2032-2044.
Strauss, S.Y., J.A. Rudgers, J.A. Lau, and R.E.
Irwin. 2002. Direct and ecological costs of
resistance to herbivory. *Trends in Ecology and
Evolution* 17:278-295.
Bruna, E.M., O. Nardy, S.Y. Strauss and S.P.
Harrison. 2002. Experimental assessment of
plant growth in a fragmented amazonian
landscape. *Journal of Ecology* 90:639-649.