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(A) Professional Preparation

<u>Institution</u>	<u>Area</u>	<u>Degree (year)</u>
University of California, Berkeley	Biochemistry	B.A. (1986)
University of California, San Francisco	Biochemistry	Ph.D.(1995)
University of California, Berkeley	Molec. Evolution	Postdoc (1996-2000)
Lawrence Livermore Natl Laboratory	DNA repair	Postdoc (2000-2001)

(B) Appointments

8/2002-present Assistant Professor (tenure-track),
Department of Biological Sciences
University of the Pacific (UOP)

8/2001-7/2002 Visiting Assistant Professor,
Department of Biological Sciences
University of the Pacific (UOP)

(C) Honors and Awards

- Stephen. E. Corson Award for the Distinguished Teaching of Freshmen
- NSF Graduate Student Fellowship (1986-1989)
- elected to Phi Beta Kappa
- graduated with High Honors and Great Distinction
- awarded Regents Scholarship and Alumni Scholarship to UC Berkeley

(D) Publications & Manuscripts

Ngo, K., S.S. Matkar, U. Hellmann-Blumberg, K. Land and L.A. Wrischnik. The role of the *Trichomonas vaginalis* Rad51 paralog. In preparation.

Fullerton, D., K. Ngo, K. Land and L.A. Wrischnik. The role of the *Trichomonas vaginalis* DMC1 paralog. In preparation.

Miller, A., T. Van Laar, G. Buffleben, S.S. Matkar, S. Jang, A. Reddy, U. Hellmann-Blumberg and L.A. Wrischnik. The role of the *Drosophila* Rad51D and XRCC2 homologs in DNA damage repair. In preparation.

Matkar, S.S., L.A. Wrischnik and U. Hellmann-Blumberg. Sanguinarine causes DNA damage and p53-independent cell death to human colon cancer cell lines. (submitted)

Matkar, S.S., L.A. Wrischnik, P.R. Jones and U. Hellmann-Blumberg. (2006) Two closely related nickel complexes have different effects on DNA damage and cell viability. *Biochem. Biophys. Res. Comm.* 343:754-761.

Wrischnik, L.A., J. R. Timmer, L.A. Megna, and T. W. Cline. (2003) Recruitment of the Proneural Gene *scute* to the *Drosophila* Sex-Determination Pathway. *Genetics* 165:2007-2027.

Wrischnik, L.A. and C. Kenyon. (1997) The role of *lin-22*, a *hairy/Enhancer of split* homolog, in patterning the peripheral nervous system of *C. elegans*. *Development* 124(14).

Kenyon, C. J., J. Austin, M. Costa, D.W. Cowing, J.M. Harris, L. Honigberg, C.P. Hunter, J.N. Maloof, M.M. Muller-Immergluck, S.J. Salser, D.A. Waring, B.B. Wang and L.A. Wrischnik. (1997) The dance of the Hox genes: patterning the anteroposterior body axis of *Caenorhabditis elegans*. *Cold Spring Harb Symp Quant Biol* 62:293-305.

Waring, D.A., L.A. Wrischnik, and C. Kenyon. (1992) Cell signals allow the expression of a pre-existent neural pattern in *C. elegans*. *Development* 116(2): 457-466.

Bourne, H.R., L.A. Wrischnik, and C. Kenyon. (1990) Ras proteins: some signal developments. *Nature (News and Views)* 348(6303): 678-679.

(E) Research Support

8/1/02-8/1/05

National Science Foundation RUI (Research at Undergraduate Institutions) 0221892. Title: Molecular and genetic analysis of two putative Rad51 paralogs in *Drosophila melanogaster*. (\$109,563)

(F) Collaborators

<u>Collaborators</u>	<u>Affiliation</u>
Mark Brunell	University of the Pacific (Biology Dept.)
Uta Hellman-Blumberg	University of the Pacific (Chemistry Dept.)
Kirkwood Land	University of the Pacific (Biology Dept.)

Graduate and Postdoctoral Advisors:

<u>Name</u>	<u>Affiliation</u>
Cynthia Kenyon	(Ph.D. advisor) UCSF
Tom Cline	(Postdoctoral advisor) UC Berkeley
Larry Thompson	(Postdoc advisor) Lawrence Livermore Natl. Laboratory

Masters Thesis Advisor for:

<u>Name</u>	<u>Affiliation</u>
Deepak Kumar	(Graduated) Medical residency
Mirko Kozina	(Graduated) High School Biology Teacher
George Buffleben	(Finishing) Sandia Natl. Laboratory
Amber Miller	(Current) University of the Pacific
Donna Fullerton	(Current) University of the Pacific
Trisha Van Laar	(Current) University of the Pacific
Ryan Reza	(Current) University of the Pacific