

# ERIC GUISBERT

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## EDUCATION AND TRAINING

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Northwestern University, Postdoctoral Fellow Laboratory of Dr. Richard Morimoto	2006-present
University of California, San Francisco, Ph.D. in Biochemistry Laboratory of Dr. Carol Gross;	1998-2006
Parke-Davis Pharmaceuticals, Cancer Research Department Research in the laboratory of Dr. Ron Merriman,	1995-1998
University of Michigan, Ann Arbor, B.S. in Biochemistry Research Thesis mentored by Dr. David Engelke	1994-1997

## AWARDS RECEIVED

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ACS Postdoctoral Fellowship	2009-present
Keystone Travel Scholarship Award	2009
NIH Training Grant NIH-TG-AG000260-10S1	2007-2008
NSF Predoctoral Fellowship	1998-2001
Degree with Highest Honors, University of Michigan, Ann Arbor	1997
Phi Beta Kappa Honor Society	1997
Eagle Scout, Boy Scouts of America	1993

## PUBLICATIONS

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Guisbert E, Yura T, Rhodius VA, Gross CA. Convergence of molecular, modeling and systems approaches for an understanding of the *Escherichia coli* heat shock response. *Microbiol Mol Biol Rev.* 2008 Sep;72(3):545-54.

Yura T\*, Guisbert E\*, Poritz M, Lu CZ, Campbell E, Gross CA. Analysis of sigma32 mutants defective in chaperone-mediated feedback control reveals unexpected complexity of the heat shock response. *Proc Natl Acad Sci USA.* 2007 Nov, 6;104(45):17638-43.

Guisbert E\*, Rhodius V\*, Ahuja N, Witkin E, Gross CA. Hfq modulates the sigmaE-mediated envelope stress response and the sigma32-mediated cytoplasmic stress response in *E. coli*. *J. Bacteriol.* 2007 Mar;189(5):1963-73.

Guisbert E, Herman C, Lu CZ, Gross CA. A chaperone network controls the heat shock response in *E. coli*. *Genes Dev.* 2004 Nov 15;18(22):2812-21.

Howard CT, Guisbert EA, and Merriman RL. *In vivo* antitumor activity of CI-994 (N-acetyl-dinaline, GOE 5549) alone and in combination with adriamycin against mammary adenocarcinoma 16C. *Proc. Am Assoc. Cancer Res.*, 1998.

Howard CT, Elliot WL, Guisbert EA, Bergeron RJ, Porter CW, and Merriman RL. Tissue distribution of the polyamine analog N<sup>1</sup>,N<sup>11</sup>-Diethylnorspermine (CI-1006,DENSPM) in nude mice. *Proc. Am. Assoc. Cancer Res.*, 38:95, 1997.

Merriman R, Corbett T, Guisbert E, Howard C, Leopold W, Sebolt-Leopold J, Young B, and Sun Y. Evaluation of the mutational status of *Ras* genes in mouse tumor models used in anticancer drug discovery. *Proc. Am. Assoc. Cancer Res.*, 38:350, 1997.

## PRESENTATIONS

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Poster Presentation “Tissue-specific proteostasis networks in *C. elegans*” Keystone Symposia: Neurodegenerative Diseases, New Molecular Mechanisms 2009

Award for Poster Presentation “Tissue-specific proteostasis networks in *C. elegans*” Midwest Stress Response Meeting, Evanston, IL 2009”

Oral and Poster Presentation: “Small RNAs regulated stress response pathways in *E. coli*.” Midwest Stress Response Meeting, Evanston, IL, 2007

Oral and Poster Presentation: “Chaperone regulation of the heat shock response in *E. coli*” Gordon Research Conference: Stress Proteins in Growth, Development, and Disease, Newport, RI, July 2005

Oral Presentation: “A chaperone network controls the heat shock response in *E. coli*” Research in Progress Seminar, UCSF, October 2004

Poster Presentation: “GroEL is a novel regulator of the heat shock response in *E. coli*.” Meeting on Molecular Chaperones and the Heat Shock Response, Cold Spring Harbor, NY 2002

## TEACHING/MENTORING EXPERIENCES

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Mentoring of Undergraduate Student	2007-present
Mentoring of Graduate Rotation Student	2006
Co-director of Logistic Management for Preparing Future Faculty (PFF)	2005
Science Education Partnership, volunteering in SF Public Schools	2004-2006
Mentoring of High School Student	2004
Mentoring of Undergraduate Summer Research Student	2004
Teaching Assistant - Biological Regulatory Mechanisms, a graduate class at UCSF	2000

