

CURRICULUM VITAE

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EDUCATION

Ph.D., Biochemistry and Molecular Biology University of California, Santa Barbara	2001
B.S., Biology, Westmont College, Santa Barbara, CA	1992

EMPLOYMENT

Assistant Professor Department of Biology, Westmont College	2006-present
Postdoctoral fellow University of California, Santa Barbara	2003-2006
Lecturer, Summer Sessions University of California, Santa Barbara	2003
Research Scientist I, Remedyne Corporation Santa Barbara, CA	2001-2003
Research/Teaching Assistant University of California, Santa Barbara	1992-2001

FORMAL TEACHING EXPERIENCE

University of California, Santa Barbara Department of Molecular, Cellular, and Developmental Biology	
MCDB 1A – <i>Introduction to biochemistry, cell biology, development, and genetics</i>	2003
MCDB 1B – <i>Introduction to animal and plant physiology</i>	2003

PROFESSIONAL SOCIETIES

American Society for Microbiology	2001
American Scientific Affiliation	2002

AWARDS AND HONORS

Philip Morris External Research Program Postdoctoral Fellowship	2004
Graduate Student Seminar Series Senior Grad Student Award for best research seminar	2000
Graduate Student Fee Fellowship	1994

PUBLICATIONS

1. Inatsuka, C. S., **S. M. Julio**, and P. A. Cotter. 2005. *Bordetella* filamentous hemagglutinin plays a critical role in immunomodulation, suggesting a mechanism for host specificity. *Proc. Natl. Acad. Sci. USA*. **102**:18578-18583.
2. **Julio, S. M.** and P. A. Cotter. 2005. Characterization of the filamentous hemagglutinin-like protein FhaS in *Bordetella bronchiseptica*. *Infect Immun*. **73**(8):4960-4971.
3. **Julio, S. M.**, D. M. Heithoff, and M. J. Mahan. 2002. DNA adenine methylase overproduction in *Yersinia pseudotuberculosis* alters YopE expression and secretion and host immune responses to infection. *Infect Immun*. **70**(2):1006-1009.
4. **Julio, S. M.**, D. M. Heithoff, D. Provenzano, K. E. Klose, R. L. Sinsheimer, D. A. Low, and M. J. Mahan. 2001. DNA adenine methylase is essential for viability and plays a role in the pathogenesis of *Yersinia pseudotuberculosis* and *Vibrio cholerae*. *Infect Immun*. **69**:7610-7615.
5. **Julio, S. M.**, D. M. Heithoff, and M. J. Mahan. 2000. *ssrA* (tmRNA) plays a role in *Salmonella enterica* serovar Typhimurium pathogenesis. *J. Bacteriol*. **182**:1558-1563.
6. Conner, C. P., D. M. Heithoff, **S. M. Julio**, R. L. Sinsheimer, and M. J. Mahan. 1998. Differential patterns of acquired virulence genes distinguish *Salmonella* strains. *Proc. Natl. Acad. Sci. USA*. **95**:4641-4645.
7. **Julio, S. M.**, C. P. Conner, D. M. Heithoff, and M. J. Mahan. 1998. Directed chromosomal deletions of *Salmonella typhimurium*- specific genes induced during infection. *Mol. Gen. Genet*. **258**:178-181.
8. Heithoff, D. M., C. P. Conner, P. C. Hanna, **S. M. Julio**, U. Hentschel, and M. J. Mahan. 1997. Bacterial infection as assessed by *in vivo* gene expression. *Proc. Natl. Acad. Sci. USA*. **94**:934-939.

PRESENTATIONS/ABSTRACTS

Julio, S. M., C.S. Inatsuka, and P. A. Cotter. “The C-terminal Domain of Filamentous Hemagglutinin (FHA) is Required for Lower Respiratory Tract Colonization and Immunomodulation” In: Eighth International Symposium: Saga of the Genus *Bordetella*, Institut Pasteur, 2006.

Julio, S. M. “*Bordetella* pathogens and the immune system: the great balancing act” UCSB Undergraduate Research Colloquium, 2006 (invited speaker).

Julio, S. M. “How *Bordetella* Cause Respiratory Infections” UCSB Undergraduate Research Colloquium, 2005 (invited speaker).

Julio, S. M., and P. A. Cotter. “Characterization of the FHA-like Protein FhaS in *Bordetella bronchiseptica*” In: American Society for Microbiology, General Meeting 2005.

Inatsuka, C. S., **S. M. Julio**, and P. A. Cotter. “*Bordetella bronchiseptica* Expressing Filamentous Hemagglutinin (FHA) from *Bordetella pertussis* Reveals a Critical Role for FHA in the Induction of an Inflammatory Response” In: American Society for Microbiology, General Meeting 2004.

Xiang, R., K. S. Cooke, **S. M. Julio**, A. J. Dahlsten, R. Ballester, R. A. Reisfeld, and K. M. Zsebo. “Single Dose of Remestim-CEA Oral Vaccine Protects Against Pulmonary Metastases” In: Gene-Based Vaccines: Mechanisms, Delivery Systems and Efficacy (Keystone Symposia) 2002.

Heithoff, D. M., **S. M. Julio**, and M. J. Mahan. “The Role of DNA Methylation in Controlling Bacterial Virulence” In: American Society for Microbiology, General Meeting 2001.