

Reinaldo Fernández

Reinaldo E. Fernández is a research assistant in the laboratory of Anthony T. Maurelli, Ph.D. in the Department of Microbiology and Immunology at the Uniformed Services University of the Health Sciences. Mr. Fernández earned his Bachelor of Science degree in Biological Sciences/Microbiology from the University of Maryland, College Park, in 1994. After graduating, he served as a laboratory technician in Dr. Maurelli's lab for 10 years before assuming his duties as research assistant. As such he has participated in several research projects including the identification of *Shigella* pathoadaptive mutations and anti-virulence genes and the determination of their effects on *Shigella* pathogenesis; and the development of genetic tools to study *Chlamydia* spp.; the chemical mutagenesis of *Chlamydia* spp. and clonal selection using the plaque assay. Mr. Fernández has a number of publications, and holds patents on methods to identify bacterial genes that are incompatible with bacterial pathogenicity.