

Assistant Professor

Specialty: Biology

Office Location: Stern Hall Room 319

Office Telephone Number: (504) 816-4415

Email address(es): ebuckles@dillard.edu

Courses Taught:

General Biology, Microbiology, Cellular Biology, Research Methodology

Research and/or Teaching Interests: Microbial Pathogenesis

University Service (i.e. Faculty Senate Committees; Student Organizations, etc.):

Institutional Review Board Committee

Research and Sponsored Program Committee

Intercollegiate Athletics Committee

Advisor for Beta Beta Beta Biological and Alpha Chi Honor Societies

Professional Affiliations:

American Society for Microbiology

Selected Publications:

Buckles, E. L., X. Wang, M. C. Lane, C. V. Lockett, D. E. Johnson, D. A. Rasko, H. L. T. Mobley, and M. Donnenberg. 2008. The Role of K2 Capsule in Escherichia coli Urinary Tract Infection and Serum Resistance. Submitted to Journal of Infectious Diseases

Earnhart, C.G., E.L. Buckles, and R. T. Marconi. 2007. Development of an OspC-based tetravalent, recombinant, chimeric vaccinogen that elicits bactericidal antibody against diverse Lyme disease spirochete strains. *Vaccine* 25(3):466-480.

Buckles, E. L., C. G. Earnhart, and R. T. Marconi. 2006. Analysis of the antibody response in humans to type A OspC loop 5 domain and assessment of the potential utility of loop 5 epitope in human disease vaccine development. *Clinical and Vaccine Immunology* 13(10):1162-1165.

Selected Presentations:

Buckles, E. L., X. Wang, M. C. Lane, C. V. Lockett, D. E. Johnson, D. A. Rasko, H. L. T. Mobley, and M. Donnenberg. The Role of K2 Capsule in Escherichia coli Urinary Tract Infection and Serum Resistance. October, 2008. 48th Annual ICCACC/IDSA 46th Annual Meeting, Washington, DC.