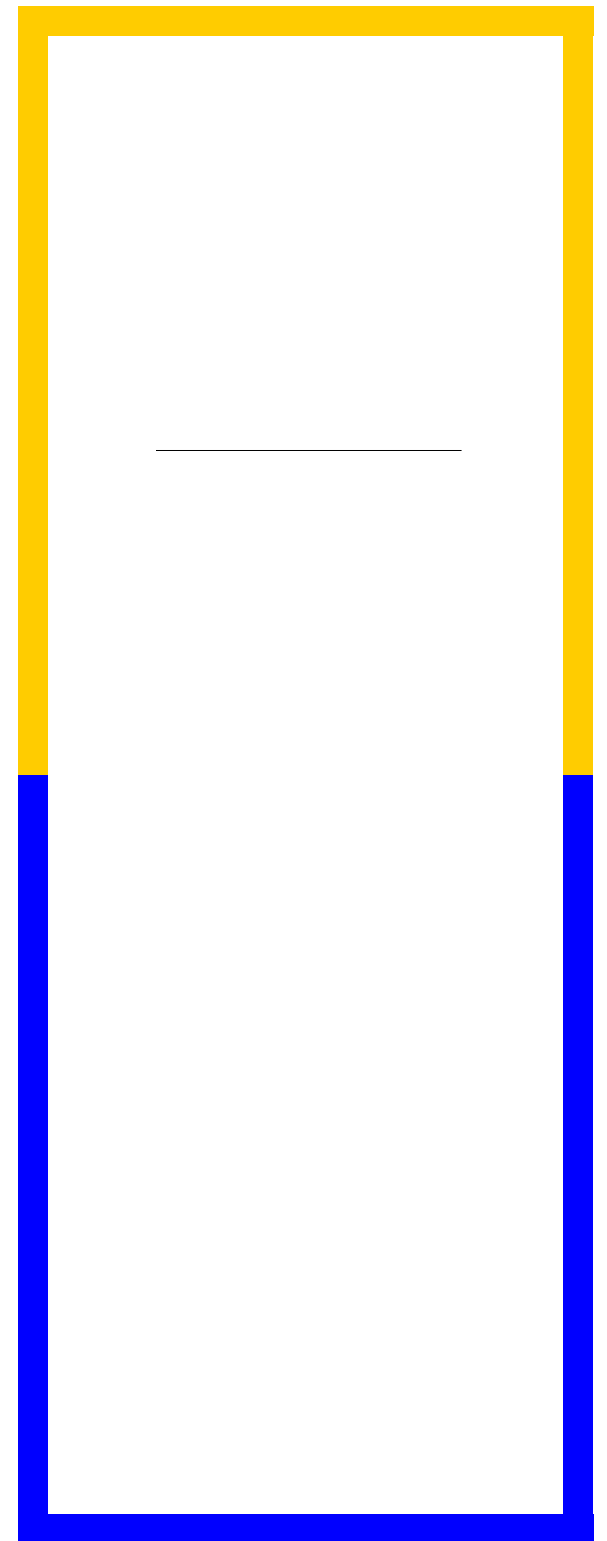


Medical Microbiology and
Immunology (MMI) Track

Department of Medical
Microbiology & Immunology



I would like to acknowledge my PI Jyl S. Matson, Ph.D., as well as my committee members R. Mark Wooten, Ph.D. and Robert Blumenthal, Ph.D. for all their guidance and mentoring along the way. I would also like to acknowledge Rudy Sloup, Ph.D. for his help in the lab. I would also like to thank my brother, James DeVanna, for helping me out when I really needed it. I would also like to thank my parents for their continued support. Finally, I would like to thank Irum Syed, Ph.D. for all of her help and guidance in the lab and support as a friend.