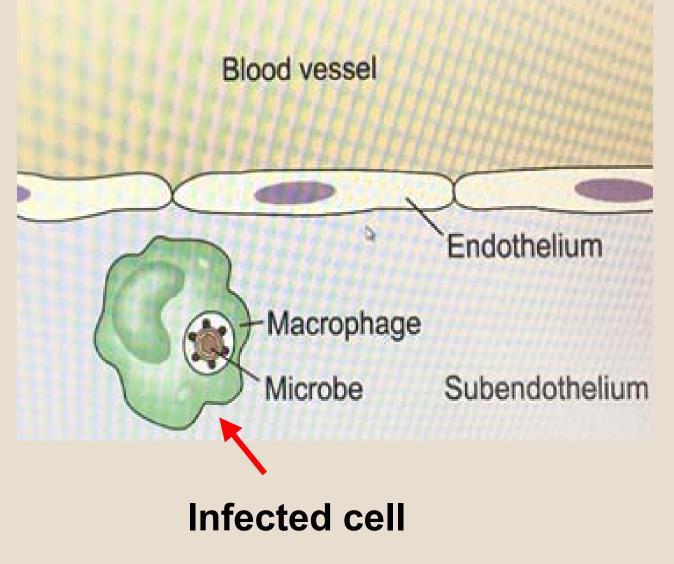


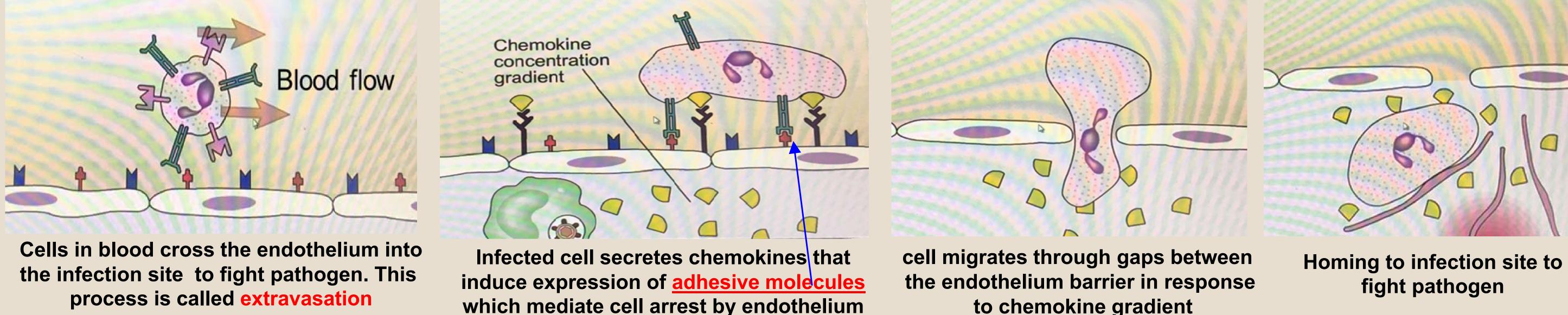
Enhancing Undergraduate Student Learning and Understanding of Immunology

Learning and understanding immunological concepts is challenging given that the subject consists of many components and dynamic mechanisms that work interactively in health and in disease. I used Montague-CTE Scholar Award to enhance student learning and understanding of immunology. Specifically, I incorporated animations and YouTube video clips to enhance visualization of immunological functions and concepts.

Outcome: Improved performance as judged by grades from the last class (A:77.3%; B: 13.6%; C: 9.1%).

Migration of cells from a blood vessel into infected tissue to fight pathogen **Example of animation:**





Montague-CTE Scholar Waithaka Mwangi (2013-2014) **College of Veterinary Medicine & Biomedical Sciences**



to chemokine gradient

