

Meeting: 999, Nashville, Tennessee, SS 12A, Special Session on Biomathematics

999-34-17 **Keith E Howard*** (howardk@kenyon.edu), Department of Mathematics, Hayes Hall, Kenyon College, Gambier, OH 43022. *HIV and Culture*. Preliminary report.

In this talk I will present models of the HIV epidemic with focus on the cultural decisions developed to control the spread of disease. In particular I will contrast the processes adopted by Britain and Switzerland. The former taking a using a process that focuses on individual rights and the later instituting a policy that reflects one's duty to the larger society. Special focus will be given to contact tracing. (Received June 21, 2004)