



2024 Sidney MacDonald Russell Fellowship Fellow

Charlotte Langner, Ph.D.
**Candidate in Molecular and
Cellular biology, Vance lab**



Charlotte is a Ph.D. Candidate in Molecular and Cellular biology. She hails from Missoula, Montana where she received a B.S. in Biochemistry. After college, Charlotte spent two years at the NIH as a postbac in Jason Brenchley's lab studying interactions between the microbiome and SIV.

Charlotte's thesis research in the Vance Lab at UC Berkeley focuses on host-pathogen interactions using the enteric pathogen *Shigella* as a model system. In particular, she is interested in how proteins secreted by *Shigella* manipulate the host cell during infection and how the host counters this attack. Outside of lab, Charlotte enjoys the great outdoors and is an aficionado of partner acrobatics.