Given a space with a $C_2$-action, we can consider the $RO(C_2)$-graded Bredon cohomology of the space. Generally computations in this theory are difficult, but using equivariant surgery, computations have now been done for all $C_2$-surfaces in coefficients given by both the constant $\mathbb{Z}$ and constant $\mathbb{Z}/2$ Mackey functors. In this talk I will describe the cohomology of all $C_2$-surfaces in $\mathbb{Z}/2$-coefficients. I will then describe how we can use equivariant fundamental classes to better understand the cohomology of a given $C_2$-surface. (Received January 28, 2019)