1014-57-467　　　　　**Robert Lipshitz*** (`lipshitz@math.stanford.edu`), Mathematics, Bldg. 380, 450 Serra Mall, Stanford, CA 94305-2125. *Heegaard-Floer homology for manifolds with parametrized boundary.*

I will discuss how to extend Heegaard-Floer homology to manifolds with parametrized boundary. The resulting invariants contain enough information to compute the Heegaard-Floer homology of closed manifolds obtained by gluing, but can still be computed in special cases. I will briefly outline the general algebraic structures arising in the definition, in the hope that the structures may be more broadly useful. (Received September 16, 2005)