1117-57-213 **Jonathan Hanselman*** (hanselman@math.utexas.edu), **Jacob Rasmussen** and **Liam Watson**. *Bordered Floer homology via immersed curves in the punctured torus.*

We call a 3-manifold M with torus boundary *loop type* if its bordered Floer homology satisfies a mild technical assumption. In this setting, we give a geometric interpretation of the bordered Floer invariants of M: they can be represented as a collection of immersed curves in ∂M. When two loop type manifolds are glued together, the Heegaard Floer homology of the glued manifold can be obtained from the intersection of these immersed curves. Among other applications, this description of bordered Floer theory leads to a simple reproof of an L-space gluing result which was recently used to show that the conditions of being a non-L-space, admitting a coorientable taut foliation, and having left-orderable fundamental group are equivalent for graph manifolds. (Received January 14, 2016)