1163-57-461John Etnyre and Caitlin Leverson* (cleverson@bard.edu). Lagrangian Realizations of Ribbon
Cobordisms. Preliminary report.

Similarly to how every smooth knot has a Legendrian representative (in fact, infinitely many different representatives), in this talk we will discuss why every ribbon cobordism has a Legendrian representative. Meaning, if C is a ribbon cobordism in $[0,1] \times S^3$ from the link K_0 to K_1 , then there are Legendrian realizations Λ_0 and Λ_1 of K_0 and K_1 , respectively, such that C may be isotoped to a decomposable Lagrangian cobordism from Λ_0 to Λ_1 . We will also give examples of some interesting constructions of such decomposable Lagrangian cobordisms. This is joint work with John Etnyre. (Received September 07, 2020)