1108-54-253 **Kyle Larson***, klarson@math.utexas.edu, and **Jeffrey Meier**. *Fibered ribbon disks.*

We investigate fibered disks in B^4 and their relationship to fibered homotopy-ribbon knots and 2–knots (using classical work of Casson-Gordon and Cochran). We interpret monodromy changes in terms of surgery in the total space, and give analogues of the Stallings twist for disk-knots and 2-knots. As an application, we produce infinite families of distinct homotopy-ribbon disks with homotopy equivalent exteriors, with relevance to the Slice-Ribbon Conjecture. We show that any fibered ribbon 2–knot can be obtained by doubling infinitely many different disk-knots (sometimes in different contractible 4–manifolds). (Received January 15, 2015)