998-57-417 **Sergio Fenley**, **Rachel Roberts*** (`roberts@math.wustl.edu`), **John Shareshian** and **Melanie Stein**. *On nonexistence of foliations.* Preliminary report.

We give an overview of the methods used to prove nonexistence of taut foliations in certain 3-manifolds. We examine the special case of manifolds obtained by surgery on once-punctured torus bundles. (Received March 02, 2004)