1023-53-1181 **Paul T Allen*** (`pallen1@uoregon.edu`), Department of Mathematics, 1222 University of Oregon, Eugene, OR 97403. *Timelike minimal submanifolds in Robertson-Walker spacetimes.* Preliminary report.

We consider the timelike minimal surface problem in spatially-flat Robertson-Walker cosmologies and show both local and global existence, under certain restrictions on dimension and co-dimension, provided the submanifold is initially close to a hyperplane. (Received September 25, 2006)