

1106-AC-1727      **Mary F Wheeler\*** ([mfw@ices.utexas.edu](mailto:mfw@ices.utexas.edu)), Center for Subsurface Modeling, University of Texas at Austin, 201 East 24th Street, Austin, TX 78712. *Coupling flow and mechanics porous media.*

We discuss coupling of multiphase flow and geomechanics in porous media. Theoretical and computational results are presented for this poroelastic problem. (Received September 15, 2014)