1163-13-957        **Hannah Klawa\*** (`hklawa@gmu.edu`), 4400 University Drive, MSN:3F2, Fairfax, VA 22030.
*Globally perinormal domains.* Preliminary report.

In 2016, Epstein and Shapiro introduced the concept of perinormality and global perinormality. A domain $R$ is globally perinormal (resp. perinormal) if every going-down overring (resp. every local going-down overring) is a localization of $R$. Perinormality is close to normality but little has been established for globally perinormal domains. We show that in a globally perinormal domain the radical of any invertible ideal is the radical of a principal ideal. We also show that any almost locally factorial Krull domain that is globally perinormal must have torsion class group and, in a particular pullback construction, the pullback of a globally perinormal semi-local PVMD of $t$-dimension one is globally perinormal. (Received September 14, 2020)