1086-VJ-2052 **Eleanor McNair Abernethy\*** (`abernethy@math.utk.edu`), Department of Mathematics, UTK, 227 Ayres Hall, 1403 Circle Drive, Knoxville, TN 37996-1320. *Gauss Diagram Formulas for Milnor Invariants.* Preliminary report.

I will give a background of Gauss Diagram formulas and their application to Vassiliev Invariants. Gussarov proved that every Vassiliev Invariant has a Gauss Diagram formula (usually not unique) and Polyak and Viro have provided many examples of this. They also showed that the Milnor Invariant on three component links have a Gauss Diagram formula. I will briefly explain this background and then introduce my result of a Gauss Diagram formula for Milnor Invariants on Brunnian (or almost trivial) Links. (Received September 24, 2012)