1095-22-231 **Alissa S. Crans*** (acrans@lmu.edu), **Sandy Ganzell** and **Blake Mellor**. *The Forbidden Number of a Knot.*

Every classical or virtual knot is equivalent to the unknot via a sequence of extended Reidemeister moves and the so-called forbidden moves. The minimum number of forbidden moves necessary to unknot a given knot is a new invariant we call the *forbidden number*. We relate the forbidden number to several known invariants, and calculate bounds for some classes of virtual knots. (Received September 10, 2013)