Alissa S. Crans* (acrans@lmu.edu), Sam Nelson and Louis H. Kauffman. *Hom Quandles. Preliminary report.*

Analogous to the case for groups, the collection of quandle homomorphisms, Hom(Q, X), has no natural quandle structure. However, if X is an *abelian* quandle, then the hom set does become a quandle with the obvious pointwise operation. We will consider examples and investigate properties of this hom quandle. This is a preliminary report on work in progress with Sam Nelson and Lou Kauffman. (Received January 17, 2012)