1014-13-364 **Tracy Dawn Hamilton*** (hamilton@csus.edu), Department of Mathematics and Statistics, California State University Sacramento, 6000 J Street, Sacramento, CA 95819, and **Thomas Marley** (tmarley1@math.unl.edu), Department of Mathematics, University of Nebraska-Lincoln, Lincoln, NE 68588. *Non-Noetherian Cohen-Macaulay Rings.* Preliminary report.

In 1992, Sarah Glaz posed the question of whether there exists a definition of Cohen-Macaulay for non-Noetherian rings which coincides with the usual notion for Noetherian rings and such that every coherent regular ring is Cohen-Macaulay. In this talk we will present a definition having the above properties and discuss how this new definition relates to the earlier attempts which used unmixedness conditions. (Received September 12, 2005)