1047-51-438David A Herron* (david.herron@math.uc.edu), Department of Mathematics, P O Box 210025,
Cincinnati, OH 45221. Pointed Gromov-Hausdorff Distance. Preliminary report.

In this expository talk we recall the Gromov-Hausdorff distance for pointed metric spaces. We explain how convergence with respect to this distance is equivalent to notions appearing in current literature. We present a construction for pointed limits and explain how this provides a straightforward proof of Gromov's compactness theorem in this setting. (Received February 03, 2009)