Let $R$ be a Cohen-Macaulay local ring, and assume that $R$ has minimal multiplicity. In this talk, we explore generation of Ulrich $R$-modules, and clarify when the Ulrich $R$-modules are precisely the syzygies of maximal Cohen-Macaulay $R$-modules. We also investigate the structure of Ulrich $R$-modules as an exact category. (Received August 09, 2018)