1125-11-1273 **Bianca A Thompson*** (`bthompson@g.hmc.edu`), 250 N College Park Drive #P38, Upland, CA 91786. *Lower bounds on the canonical heights associated to some rational maps.* Preliminary report.

In prior work by Ingram, he showed that the lower bound of the canonical height of the morphism $f(z) = z^d + c$ can be obtained for f evaluated at a wandering point. Building on his techniques, we can find a lower bound on the canonical height of some rational maps. (Received September 15, 2016)