1145-39-2514   **Allan Peterson*** (`apeterson1@math.unl.edu`), 1400 R Street, Lincoln, NE 68588-0130. *A generalized h-fractional Gronwall's inequality and its applications for nonlinear h-fractional difference systems with "maxima".*

This paper gives a generalized *h*-fractional Gronwall's inequality. Applying this result, we prove the uniqueness and give bounds on solutions for a nonlinear *h*-fractional difference system with "maxima". Finally, we give an example to illustrate one of our main results. (Received September 25, 2018)