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**Craig Timmons\*** ([craig.timmons@csus.edu](mailto:craig.timmons@csus.edu)), **Benjamin Cole**, **Albert Curry** and **David Davini**. *Triangles in  $K_s$ -saturated graphs with minimum degree  $t$ .*

Answering a question of Bollobás, Day proved that the minimum number of edges in an  $n$ -vertex  $K_s$ -saturated graph with minimum degree  $t$  is at least  $tn - c_t$  where  $c_t$  is a constant depending only on  $t$ . Motivated by this result, as well as the recent work of Kritschgau, Methuku, Tait, and the presenter, we discuss some new results on counting  $K_r$ 's in  $K_s$ -saturated graphs with minimum degree  $t$ . An exact answer is known in the case of counting  $K_3$ 's in a  $K_4$ -saturated graph with minimum degree 4, however, many other questions are open. This is joint work with Benjamin Cole, Albert Curry, and David Davini. (Received September 17, 2019)