1147-11-483 Pete L. Clark*, plclark@gmail.com. Asymptotics of torsion on elliptic curves over number fields. I will survey recent work – joint with Bourdon, Milosevic, Pollack and Stankewicz – on the torsion subgroup of an elliptic curve defined over a number field. Emphasis will be placed on asymptotic results: especially, what can be said about the maximum size of the function T(d) of the torsion subgroup of an elliptic curve over a degree d number field? Much more can be said by restricting the class of elliptic curves, and I will consider two different restricted regimes: $T_{CM}(d)$ restricts to elliptic curves with complex multiplication and $T_k(d)$ restricts to elliptic curves with *j*-invariant lying in a fixed number field k. These results can be viewed as giving information on closed points of small degree on the modular curves X(M, N), and I will explore this perspective as well. (Received January 24, 2019)