1117-00-214   **Olivia D Beckwith*** (`olivia.dorothea.beckwith@emory.edu`), Dept. of Math and CS, Emory University, 400 Dowman Dr, W401, ATLANTA, GA 30322, and **Michael Mertens**. *The Number of Parts of Integer Partitions in Residue Classes.*

In a previous work of the speaker and Michael Mertens, asymptotic formulas for the number of parts of integer partitions that are $0 \pmod{N}$ were found using the Circle Method. In a recent work, we obtain asymptotic formulas for the number of parts in any fixed residue class. (Received January 19, 2016)