1018-11-130 **Samuel S Lachterman*** (`sslachterman@wisc.edu`), 322 N Henry St, #204, Madison, WI 53703, and **Brendan Younger**. *Explicit Ramanujan-Type Partition Congruences for Primes > 31.*

In this paper, we find and prove explicit Ramanujan-type congruences for the classical partition function for prime moduli > 31. We find these congruences by using the theory of Hecke operators acting on spaces of half-integral weight modular forms and the Shimura correspondence. These explicit congruences provide an answer to open problem 5.40 in [*].

*: Ono, K. The Web of Modularity: Arithmetic of the Coefficients of Modular Forms and Q-Series (Received March 02, 2006)