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Don Larson* (larsond@cua.edu), The Catholic University of America, 620 Michigan Avenue NE, Washington, DC 20064. *Explicit modular forms via the divided beta family*. Preliminary report.

At primes greater than 3, the additive generators of the ANSS 2-line are known to correspond to modular forms over the integers that satisfy certain congruence and non-congruence conditions simultaneously. I will discuss ongoing work toward explicitly identifying the modular forms arising in this way. (Received January 10, 2019)