1125-60-2610   **Katelynn D Kochalski*** (`kdk7rn@virginia.edu`), 141 Cabell Dr, Kerchof Hall, PO Box 400137, Charlottesville, VA 22904. *Fluid Limit for a Batched Processor Sharing Queue.* Preliminary report.

We consider a sequence of single server queues operating under a service policy that incorporates batches into processor sharing. Assuming the limiting system is critical, we find a fluid limit for the measure-valued processes that describe each system in the sequence. (Received September 20, 2016)