1067-60-360 **Mark A McKibben*** (`mmckibben@goucher.edu`), Goucher College, 122 Hoffberger Science Building, 1021 Dulaney Valley Road, Baltimore, MD 21204. *On a class of abstract measure-dependent stochastic evolution equations.* Preliminary report.

The talk will focus on a discussion of existence, convergence, and approximation results for a class of abstract parameter-dependent stochastic evolution equations under general growth conditions. Commentary on impulsive and delay versions of this class of equations will also be included. Several applications of the theory to specific initial-boundary value problems will be provided as both motivation and illustration of the abstract theory presented. (Received August 27, 2010)