1142-30-115 **Daniel H Luecking*** (`luecking@uark.edu`), Dept. of Mathematical Sciences, 1 University of Arkansas, Fayetteville, AR 72701. *Non-uniformly discrete interpolating and sampling sequences for certain weighted Bergman spaces.* Preliminary report.

In previous work I showed that, if the notion of interpolation is suitably generalized, then we can characterize interpolating sequences for Bergman spaces in the unit disk that are not uniformly discrete. In case the sequence is uniformly discrete this notion reduces to the normal notion of interpolation, or to multiple interpolation (interpolation of values plus derivatives). A similar scheme, applied to sampling, was carried out by my student Newton H. Foster V, in his thesis. In this talk, we discuss the extension of these results to weighted Bergman space with weights of the form $e^{-\phi}/(1 - |z|^2)$ for certain subharmonic functions ϕ. (Received August 31, 2018)