1056-26-613 **Padraig M. McLoughlin*** (`mcloughl@kutztown.edu`), 265 Lytle Hall, Department of Mathematics, Kutztown University of Pennsylvania, Kutztown, PA 19530, and **Christopher R. Krizan** (`crk0010@auburn.edu`), 200 Mell Hall, Department of Mathematics, Auburn University, Auburn, AL 36849. *Aspects of Stochastic Quasi-Cantoresque Sets.* Preliminary report.

We begin with a brief synopsis of where our work originated, the classic Cantor middle-third set, $\mathcal{C}$, and then discuss Cantoresque sets, quasi-Cantoresque sets, and introduce the quasi-Cantoresque sets that Krizan created, the Krizan Set $\mathcal{K}$, and the Bubba Set, $\mathcal{B}$. We then build on that and create stochastic quasi-Cantoresque sets and explore aspects of and prove some nice results on stochastic quasi-Cantoresque sets.

We conclude with some conjectures and discuss where our research is leading. We note that there are evidently more questions raised by the research than questions answered by the results. (Received September 14, 2009)