1127-47-343 **Michael T Jury*** (mjury@ufl.edu) and **Robert T.W. Martin** (rtwmartin@gmail.com).

Extremal multipliers of the Drury-Arveson space.

We consider a family of multipliers on the Drury-Arveson space H^2_d which we call *quasi-extreme*. To each contractive multiplier b is associated a de Branges-Rovnyak space $\mathcal{H}(b)$ with kernel

$$k^b(z,w) = \frac{1 - b(z)b(w)^*}{1 - zw^*}$$

In one variable, the theory of $\mathcal{H}(b)$ spaces splits into two streams, depending on whether or not b is an extreme point of the unit ball of $H^\infty(\mathbb{D})$. We show that there is an analogous splitting in the Drury-Arveson case, between the quasi-extreme and non-quasi-extreme cases. We give a number of equivalent characterizations of quasi-extremity, and prove that if b is quasi-extreme then b is an extreme point of the unit ball of the multiplier algebra of H^2_d. (Received February 06, 2017)