

1106-VL-2881 **Duane Chin-Quee*** (dchinque@irsc.edu), 3209 Virginia Ave., Ft Pierce, FL 34981. *Functional Differential Equations with Linear Anticipation and Retardation Operators.*

We consider functional differential equations (FDEs) involving linear anticipation and retardation operators. The operators satisfy the mapping $C(\mathbb{R}, \mathbb{E}) \rightarrow B(\mathbb{R}, \mathbb{E})$ where \mathbb{E} is a Banach Space and B is the linear space of all measurable functions $f : \mathbb{R} \rightarrow \mathbb{E}$ that are Bochner-Integrable on each compact interval. Existence and uniqueness results with prescribed boundary conditions will be presented along with applications. (Received September 17, 2014)