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## *Undergraduate Math and Physics Seminar*

# Research Topics for Graduate Study in Biostatistics

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*Graduate Student, UC Davis*

**Abstract:**

There are many paths an undergraduate mathematician can take when it comes to graduate school. In this talk we discuss some areas of study for current graduate students in statistics and biostatistics, as well as graduate student life. Next we introduce a particular branch of statistics known as functional data analysis (FDA). Finally, we consider an application of FDA which attempts to recover information from so-called snippet data over time. We use these methods on an Alzheimer's dataset from UC Davis.

*When:* Wednesday, September 9, 2015, 4:30-5:20 pm

*Where:* CSUCI, Del Norte 1530