



*El Departamento Académico de Estadística del ITAM*

anuncia la siguiente sesión (No. 212) de

***EL SEMINARIO ALEATORIO***

que, con el título

**Biostatistical Methods for the Control of Confounding Variables**

impartirá

**Dra. F. Berenice Báez Revueltas**

**Abstract**

In biostatistics analysis it is often necessary to filter out potential confounding variables via regression analysis. Mature techniques have been developed in the setting of multiple regression analysis when the response variable is continuous. Satisfactory method, however, has not been developed in the setting of a logistic regression. In this paper, we present a technique for controlling confounding variables when the response variable is dichotomous. Our approach is illustrated through the analysis of a longitudinal study conducted at the NYU Alzheimer's Disease Core Center (ADCC) where the goal is to determine of the mental decline rate is the same for subjects with or without subjective complaints of cognitive impairment.

***Fecha: Viernes 3 de Septiembre***

***Hora: 13:00 hrs.***

***Salón: B-3***

**Lista de seminarios próximos. Visite:**

<http://estadistica.itam.mx/seminarios.html>

El Seminario Aleatorio está destinado tanto a profesores como a estudiantes, por lo que el Departamento de Estadística agradece a los profesores que colaboren invitando a sus alumnos a estas sesiones.

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