

El Departamento de Estadística del ITAM

anuncia la siguiente sesión de

EL SEMINARIO ALEATORIO

que con el título

Seasonal Patterns of Age at Death (seminario dictado en español)

impartirá

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RESUMEN

There are many well known instances of fetal origins of adult diseases, though the consequences of seasonality of date of birth (used as a reference for events occurring in the last stage of gestation or very early postnatally) on mortality, especially on extreme lifespan, have not been thoroughly studied. A significant association between an individual's life expectancy and his/her month of birth has been conclusively established using large demographic databases only within the last four years.

This talk will discuss observational evidence of the effect of this seasonal pattern on life duration based on national vital statistics. The data comprise all deaths registered in Scotland between 1974 and 2001 (about 1.75 million records); for each person the exact dates of birth and death are known, as well as cause of death, gender, country of birth, marital status at death, and the place where death occurred.

The main results concern the impact of seasonality on two areas: differences in mortality by cause of death, and the analysis of the upper tail of the age at death distribution using extreme value theory and record processes. The joint effects that seasonality of date of birth and the 1918-1919 influenza pandemic had on adult mortality are also explored.

Fecha: Miércoles 4 de Junio

Hora: 12:30

Salón: 101 RH

Lista de seminarios próximos. Visite:

www.stat.itam.mx/Seminarios/Proximos.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.