



## “MODELOS PREDICTIVOS EN INVESTIGACIÓN CLÍNICA”

### SEMINARIOS DEL PROGRAMA DE DOCTORADO EN SALUD PÚBLICA, CIENCIAS MÉDICAS Y QUIRÚRGICAS Universidad Miguel Hernández

Jueves 2 de noviembre de 2017, a las 17:00 horas  
SALÓN DE ACTOS DEL EDIFICIO SEVERO OCHOA (AULARIO 4).

#### PONENTE:

**Ramon A. Durazo-Arvizu, PhD**

Division of Biostatistics,  
Department of Public Health Sciences  
Loyola University Stritch School of Medicine (Chicago)



Ramon Durazo-Arvizu, Ph.D. is a Professor of Public Health Sciences and has a strong background in mathematics and computer intensive statistical methods. He received his Ph.D. from the University of Arizona in Applied Mathematics, where he spent three years teaching mathematics and statistics courses.

Dr. Durazo-Arvizu's experience in applied statistics includes the analysis of time to an event data (Survival Analysis), multivariate linear and logistic regression, the genetics of hypertension, and the analysis of longitudinal data. In addition, he has gained extensive experience analyzing national data bases, including NHIS, NHANES, and has developed better models to explain the relationship between body mass index and mortality in blacks and whites after adjusting for relevant risk factors. In particular, he has combined existing statistical methods with newer computing techniques, such as bootstrapping and approximate randomization tests, to arrive at models that provide a better fit of the association between body mass index and all-cause mortality. Dr. Durazo-Arvizu has ample experience in statistical consulting with the different health sciences departments including Anesthesiology, Emergency Medicine, Pediatrics, Oncology, Endocrinology, Psychiatry (Alcohol and Drug Abuse Treatment), Rheumatology, Cardiology, Preventive Medicine, Family Medicine and others.

Dr. Durazo-Arvizu is an active member of the American Statistical Association. He is also a member of the Eastern North American Region (ENAR) of the International Biometry Society. He is a member of the Society for the Advancement of Chicanos and Native Americans in Science (SACNAS).