



## ΠΡΟΣΚΛΗΣΗ ΣΕ ΔΙΑΛΕΞΗ

Τη Δευτέρα 22.10.2018 στις 14:00 θα πραγματοποιηθεί διάλεξη στην Αίθουσα 335, στον 3ο όροφο του Κεντρικού Κτηρίου του Πανεπιστημίου Πειραιώς, με ομιλητή τον Dr. Tahir Ekin, Brandon Dee Roberts Associate Professor of Quantitative Methods in McCoy College of Business, Texas State University, με θέμα:

### **“Statistical Methods for Health Care Fraud”**

#### **Abstract**

Medical expenditures are a significant part of the governmental budgets. It is reported by U.S. governmental agencies that three to ten percent of the annual health care spending is lost to fraud, waste and abuse. These overpaid transactions have direct cost and health implications to the government and to the taxpayers. In this talk, I will provide an overview of statistical approaches that are used for medical fraud assessment. Firstly, I will discuss the use of data mining approaches for medical fraud detection with an emphasis on unsupervised methods. The main objective of these approaches is to identify the billing patterns and detect unusual behaviors in order to help medical auditors. Secondly, a brief overview of the use of statistical sampling and estimation methods for medical fraud assessment will be presented.