

# Dr Michael A. Talias

## PERSONAL INFORMATION

Lecturer in Health Economics and Statistics  
Postgraduate Program in Healthcare Management  
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Open University of Cyprus  
Agiou Antoniou 5  
2002 Strovolos, Nicosia  
P.O.Box 24801, 1304 Nicosia

## EDUCATION

**Ph.D. Statistics, University College London, University of London, UK** 2000  
Thesis title: Statistical and Financial Aspects of Research and Development Portfolios

**M.Sc. Social Statistics, University of Southampton, UK** 1995

**B.Sc. Actuarial Science, The London School of Economics, Univ. of London, UK** 1994

## ACADEMIC EXPERIENCE

**Open University of Cyprus, Nicosia, Cyprus** 04/2010 - present  
Postgraduate Program in Healthcare Management  
Lecturer in Health Economics and Statistics

**Cyprus International Institute for the Environment and Public Health  
in association with Harvard School of Public Health, Nicosia** 03/2009 - 06/2009  
Research Statistician 01/2008 - 11/2008

**Cyprus University of Technology, Limassol, Cyprus**  
Department of Hotel and Tourism Management 01/2009 - 05/2009  
Department of Nursing 09/2009 - 12/2009  
Special Scientist Personnel in Statistics/Biostatistics

**Mediterranean Institute of Management, Nicosia, Cyprus** 01/2009 - 05/2009  
Cyprus Productivity Center,  
Postgraduate Program in Management and Public Administration  
Lecturer in Operational Research

**University of Cyprus, Nicosia, Cyprus** 01/2007 - 05/2007  
Department of Public and Business Administration  
Visiting Lecturer in Quantitative Methods

**Jacobs University Bremen, Bremen, Germany** 2005 - 2006  
School of Humanities and Social Sciences,  
Lecturer in Statistics and Methods

**University of Cyprus, Nicosia, Cyprus** 2003 - 2004  
Department of Public and Business Administration  
Visiting Lecturer in Quantitative Methods

**Cyprus College, Nicosia, Cyprus** 09/2001 - 05/2002  
Department of Business Administration

Assistant Professor of Finance and Statistics

#### CURRENT AND FUTURE RESEARCH FIELDS

- Sequential Statistical methodologies and their relation to the Portfolio management of R&D projects
- Applied Statistical Computing and Bayesian Data Analysis
- Applied Multivariate Data analysis in various Business, Health Economics and Medicine problems
- Optimal sequential decision processes, Decision analysis, Applied Probability
- Advanced Statistical Modelling Methods for Health Economic Evaluation

#### PUBLICATIONS

Leonidou L.C., M. Talias, C.N. Leonidou (2008), "Exercised power as a driver of trust and commitment in cross-border industrial buyer-seller relationships", *Industrial Marketing Management*, Vol **37**, Issue 1, 92 - 103, cited by 18

Talias M.(2007), "Optimal decision indices for R&D project evaluation in the Pharmaceutical industry: Pearson index versus Gittins index", *European Journal of Operational Research*, **177**, 1105 - 1112, cited by 5

Leonidou L.C., D. Palihawadana and M. Talias (2007), "British consumers' evaluations of U.S. versus Chinese goods: A multi-level and multi-cue comparison", *European Journal of Marketing*, Vol. **41**, Issue 7/8, 786 - 820, cited by 2

Leonidou L.C., B. Barnes and M. Talias (2006), "Exporter-importer relationship quality: The inhibiting role of uncertainty, distance, and conflict", *Industrial Marketing Management*, Vol **35**, Issue 5, 576 - 588, cited by 15

#### CURRENT AND PLANNED FUTURE WORK

"Undiagnosed Heart Failure among ICU-Admitted COPD Patients on Mechanical Ventilation: The impact of Cardiac Treatment"

"Decision analysis in R&D portfolios in the Pharmaceutical industry"

"Body fat percent association with asthma and atopy in schoolchildren in Cyprus"

#### TEACHING EXPERIENCE

- Open University Cyprus
  - Postgraduate program - Healthcare Management - Spring 2010
  - Principles in Clinical Research Methodology
- Cyprus University of Technology
  - Department of Nursing - Fall 2009 (3 sections)
  - Special Scientist Personnel in Biostatistics Lab
  
  - Department of Hotel and Tourism Management - Spring 2009
  - Special Scientist Personnel in Statistical Analysis
- Mediterranean Institute of Management
  - Cyprus Productivity Center - Spring 2009

Postgraduate Program in Management and Public Administration  
Lecturer in Operational Research

- University of Cyprus

*PBA346 Quantitative Business Methods II* - Spring 2007

Applied regression analysis with application in Business, regression diagnostics, logistic regression, time series

*PBA447 Quantitative Business Methods III* - Spring 2007

Applications in multivariate data analysis using SPSS software.

- International University Bremen

*Information Theory* - Fall 2006

Designed for first time as a transdisciplinary course in Information theory with emphasis in applications of information theory to everyday life

*Statistical Methods I* - Spring 2006, Spring 2005

An introduction to descriptive statistics, hypothesis testing, regression and correlation, analysis of variance and SPSS software.

*Statistical Methods II* - Fall 2005, Fall 2006

It focuses on multivariate statistical methods, in particular regression analysis, factor analysis, principal component analysis, and cluster analysis.

*Secondary Data Analysis* - Spring 2005

An introduction to the problems and techniques involved in secondary data analysis, discussion of common uses of secondary data analysis, issues of methodology and interpretation.

- University of Cyprus

*PBA447 Quantitative Business Methods III* - Spring 2004 (2 sections), Spring 2003

*PBA346 Quantitative Business Methods II* - Fall 2003 (2 sections), Fall 2004 (2 sections)

*PBA523 Advanced Quantitative Business Methods* (Postgraduate course) - Fall 2003

Syllabus: Linear and Logistic regression. Principal components analysis, Factor analysis, Discriminant analysis, Time series. Applications in Business. Analysis of Real data cases in SPSS.

- Cyprus College

*Multinational Business Finance* - Fall 2001

The scope of Multinational Business Finance, the Foreign Exchange Market, the Future and Options market, the International Monetary System

*Essentials of Financial Analysis* - Fall 2001, Spring 2002

Central concepts of financial management, financial statement analysis, business risk and returns and time value of money.

*Topics in Managerial Finance* - Spring 2002

The structure of optimal decisions relative to the functional areas of corporate financial decision making.

*Finite Mathematics with Calculus* - Spring 2002

*Probability & Statistics* (MBA) - Fall 2001.

*Statistics II* - Fall 2001, Spring 2002

ACADEMIC MEMBERSHIPS

- Member of the Royal Statistical Society (RSS), U.K., since 1996
- Member of the Institute for Operational Research and the Management Sciences (INFORMS), U.S.A., since 2007
- Member of the Institute of Mathematical Statistics, since 2007
- Member of the Academy of Marketing Science, 2007

ACADEMIC INTERESTS

Statistical Theory, Statistical Decision Processes, Bayesian Statistics, Bandit Problem, Information Theory, Finance and Optimization, Applied Multivariate Data Analysis in Healthcare Management, Stochastic Modeling in Health Economics, Business and Marketing

ADDITIONAL INFORMATION

**Languages** - Greek (native) and English

**IT Skills** - MS Office, Latex, Linux, and Statistical Packages (EQS, S-PLUS, R, LISREL, SAS, SPSS, Winbugs)