Research Studies, Literature Reviews and Perspectives in Psychological Science

EDITED BY:

THANOS PATELIS

ATHENS INSTITUTE FOR EDUCATION AND RESEARCH

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INTRODUCTION

THANOS PATELIS PSYCHOLOGY RESEARCH UNIT OF ATINER & THE COLLEGE BOARD, USA

In 2010 and 2011 many studies were undertaken and presented at the Athens Institute for Research and Education in the area of psychology. This book represents a compilation of empirical studies, literature reviews and theoretical and historical perspectives that represent a variety of substantive areas and reflect both the diversity of discipline and methodological approach.

The papers are organized in a few areas starting with an essay offering an historical perspective in psychology. In this first paper, Ana Isabel Rodrigues de Sá-Saraiva and Rodrigo de Sá-Saraiva offer their perspective and analysis on how Greek thought in ancient times contributed to fundamental constructs in psychology.

The next set of papers offers a variety of studies in applied psychology. First, Ho Law provides a theoretical perspective and a research agenda for future work in the development of a coaching model that is applicable and sensitive to cross-cultural contexts. Next, Chris S. Dula, E. Scott Geller, & Frances L. Chumney provide an overview of theoretical models of general aggression and develop a model for aggressive driving. The third in this set of papers on applied psychology by Helena Martins, Teresa Rebelo and Inés Tomás is a study of employee attitudes and behaviors to a certification program leading to academic credentials based on experience. The fourth paper by Dave Korotkov and Melissa MacDonald studies two models examining various psychosocial factors in predicting caffeine use.

Following this set are four papers in the area of developmental psychology or in the study of children in schools. The first study by Anne M. Seitsinger and Stephen Brand address the important of family involvement in the education of students in high schools. Next, Tatiana N. Tikhomirova examined the role of the social and the intrapersonal components in the development of intelligence and creativity in Kindergarten school children. The third paper in this set by Isidora Kourti and Lucia Garcia-Lorenzo presents the results of an evaluation of a program to support children with special needs in schools. The final paper in this set by Farideh Hamid provides some empirical evidence in the relationship of emotional intelligence and coping styles in adolescents by gender.

The fourth area represents a two papers on students in higher education settings. Michael W. Firmin and colleagues examined stressors affecting female, undergraduate, married students. Karen Freberg and Laura Freberg studied the psychological well being of university students in a large public state university.

The next set of papers represents research in the area of teaching and learning. The first two studies look at ways to improved learning Liliya Korallo uses a virtual environment to examine students' understanding of history.

Antonio Duarte examines the use of metacognitive reflection and learning context modifications. The third study by Maria Teresa Estrela and colleagues reports on the affective responses of teachers in Portugal.

Next, four studies representing research in the area of sensation and perception are provided. First, Chrustel Bidet-Ildeia and colleagues study the role of kinematics and the type of movement in the strategy used in perceptual judgments of motion. Second, Raymond Pavloski offers models of the hidden patterns of states of clusters of neurons that characterize perceptual gestalts. Next Sofia Nelson and Thomas Pierce examine the use of spectral analysis in time estimation of auditory beeps in a sample of individuals. The fourth study by Nathan Greenauer, Catherine Mello, and Marios Avraamides examine the integration of spatial information from visual and non-visual experiences in the recognition of scenes.

The next study by Grant J. Rich represents a literature review with suggestions on the use of massage therapy as a supplement to psychotherapy.

Next two studies are provided on aggression. Valerie Hiebert examines the role of violence in media on types of aggression comparing the results in two samples of 15-17 year-olds from Canada and Sweden. The second study by Gina M. Bondi examines the relationship of authoritarianism, hostility toward women, attitudes toward violence and rape myth acceptance in predicting different areas of sexual aggression.

The final study in this edited book is in the area of psychometrics where Angel M. Fidalgo offers suggestions for using software applications for the implementation of Mantel-Haenszel statistics used for Differential Item Functioning detection.