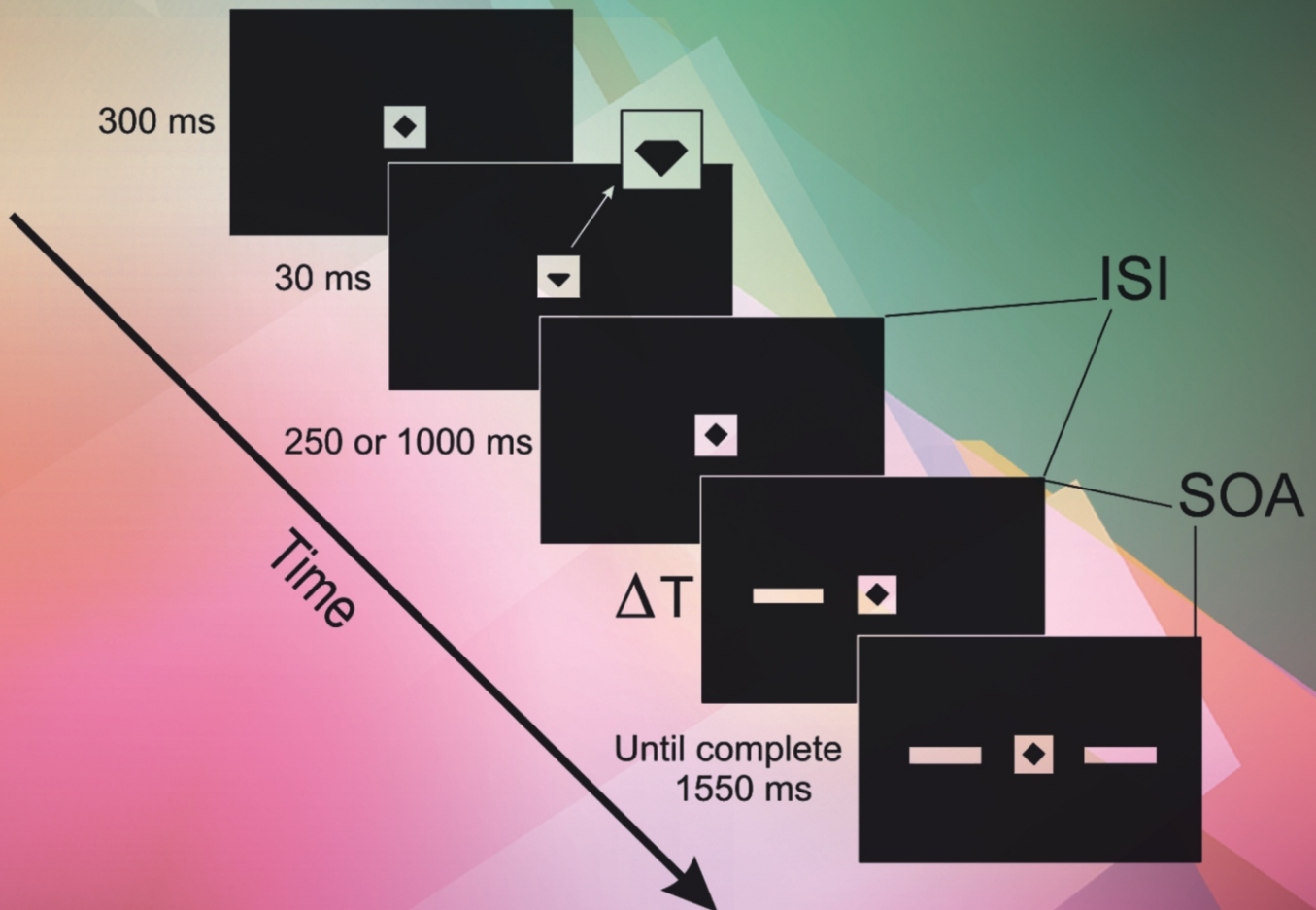




# Psychology



ISSN: 2152-7180



# Journal Editorial Board

ISSN Print: 2152-7180 ISSN Online: 2152-7199

<http://www.scirp.org/journal/psych>

---

## Editor-in-Chief

**Dr. Martin Drapeau**

McGill University, Canada

## Editorial Board

**Prof. Hamid Reza Alavi**

Shahid Bahonar University of Kerman-Iran, Iran

**Prof. Brien K. Ashdown**

University of Alaska Fairbanks, USA

**Dr. Yoram Bar-Tal**

Tel-Aviv University, Israel

**Dr. Adital Ben-Ari**

University of Haifa, Israel

**Dr. Sefa Bulut**

Abant Izzet Baysal University, Turkey

**Dr. Joshua Fogel**

Brooklyn College of the City University of New York, USA

**Dr. Thomas Vincent Frederick**

Hope International University, USA

**Prof. Jay Friedenber**

Manhattan College, USA

**Dr. George Kyriacou Georgiou**

University of Alberta, Canada

**Dr. David M. Goodman**

Harvard Medical School, USA

**Dr. Annett Christine Korner**

McGill University, Canada

**Dr. Giovanni Laviola**

Italian National Institute of Health, Italy

**Prof. Katerina Maniadaki**

Technological Educational Institution, Greece

**Prof. Tim F. McLaughlin**

Gonzaga University, USA

**Dr. Ora Nakash**

Interdisciplinary Center (IDC) Herzliya, Israel

**Prof. Alan D. Schmetzer**

Indiana University School of Medicine, USA

**Dr. So-Jung Seo**

Kyung Hee University, Korea (South)

**Prof. Jeff Sigafos**

Victoria University of Wellington, New-zealand

**Prof. Tuomo Antero Takala**

University of Jyväskylä, Finland

**Dr. Massimiliano Versace**

Boston University, USA

**Prof. Edda Weigand**

University of Muenster, Germany

**Dr. George I. Whitehead**

Salisbury University, USA

**Dr. Patricia Gail Williams**

University of Louisville, USA

**Prof. Berney J. Wilkinson**

Clinician at Kindelan and Associates, USA

**Dr. Hui-Ching Wu**

National Taiwan University, Taiwan (China)

**Dr. Wengang Yin**

Chinese Academy of Sciences, China

## Editorial Assistant

**Lily Gan**

Scientific Research Publishing, USA

---

## Guest Reviewer

Kamila Smigasiewicz

## TABLE OF CONTENTS

Volume 2    Number 2

April 2011

<b>Self-Construal and Subjective Wellbeing in Two Ethnic Communities in Singapore</b> W. C. Chang, M. M. B. Osman, E. M. W. Tong, D. Tan.....	63
<b>Romantic Relationship Status and Gender Differences in Sun Tanning Attitudes and Behaviors of U.S. College Students</b> T. F. Pettijohn II, T. F. Pettijohn, A. G. Gilbert.....	71
<b>The Influence of Social and Individual Variables on Ethnic Attitudes in Guatemala</b> B. K. Ashdown, J. L. Gibbons, J. Hackathorn, R. D. Harvey.....	78
<b>Gender Differences in the Relationship between Competitiveness and Adjustment among Athletically Identified College Students</b> M. M. Carter, C. S. Weissbrod.....	85
<b>Gesture as a Cognitive Support to Solve Mathematical Problems</b> M. Francaviglia, R. Servidio.....	91
<b>Eliciting Guilty Feelings: A Preliminary Study Differentiating Deontological and Altruistic Guilt</b> B. Basile, F. Mancini.....	98
<b>Influence of the Learnt Direction of Reading on Temporal Order Judgments</b> A. Pérez, L. García, M. Valdés-Sosa, P. Jaśkowski.....	103
<b>Morphological Knowledge and Decoding Skills of Deaf Readers</b> M. D. Clark, G. Gilbert, M. L. Anderson.....	109
<b>Illness and Medication Appraisals in People with HIV Deciding to Begin Antiretroviral Treatment</b> J. Wrubel, J. T. Moskowitz, E. Stephens, M. O. Johnson.....	117
<b>Treatment Alternatives for Mentally Disordered Offenders: A Literature Review</b> J. J. Knabb, R. K. Welsh, M. L. Graham-Howard.....	122
<b>Double Disaster: Mental Health of Survivors of Wildfires and Earthquake in a Part of Greece</b> V. Papanikolaou, D. Adamis, R. C. Mellon, G. Prodromitis, J. Kyriopoulos.....	132
<b>Study on Psychological Crisis Evaluation Combining Factor Analysis and Neural Networks</b> H. Lin, Y. B. Zhang, H. Q. Tong, Q. L. Tong, D. S. Liu.....	138

---

The figure on the front cover is from the article published in *Psychology*, 2011, Vol. 2, No. 2, pp. 103-108 by Alejandro Pérez *et al.*

# **Psychology (PSYCH)**

## **Journal Information**

### **SUBSCRIPTIONS**

The *Psychology* (Online at Scientific Research Publishing, [www.SciRP.org](http://www.SciRP.org)) is published bimonthly by Scientific Research Publishing, Inc., USA.

#### **Subscription rates:**

Print: \$59 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: [sub@scirp.org](mailto:sub@scirp.org)

### **SERVICES**

#### **Advertisements**

Advertisement Sales Department, E-mail: [service@scirp.org](mailto:service@scirp.org)

#### **Reprints (minimum quantity 100 copies)**

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: [sub@scirp.org](mailto:sub@scirp.org)

### **COPYRIGHT**

Copyright©2011 Scientific Research Publishing, Inc.

All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as described below, without the permission in writing of the Publisher.

Copying of articles is not permitted except for personal and internal use, to the extent permitted by national copyright law, or under the terms of a license issued by the national Reproduction Rights Organization.

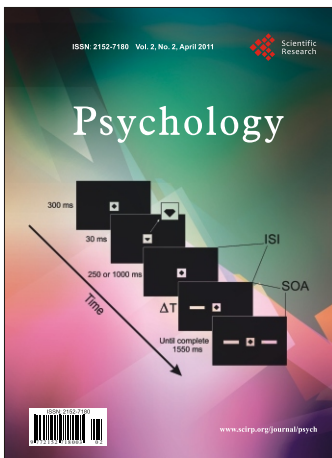
Requests for permission for other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale, and other enquiries should be addressed to the Publisher.

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

### **PRODUCTION INFORMATION**

For manuscripts that have been accepted for publication, please contact:

E-mail: [psych@scirp.org](mailto:psych@scirp.org)



# Call for Papers

## Psychology (PSYCH)

ISSN Print: 2152-7180 ISSN Online: 2152-7199

<http://www.scirp.org/journal/psych>

**PSYCH** is an international refereed journal dedicated to the latest advancement of Psychology. The goal of this journal is to keep a record of the state-of-the-art research and promote the research work in these fast moving areas.

### *Editor-in-Chief*

**Dr. Martin Drapeau** McGill University, Canada

### *Subject Coverage*

This journal invites original research and review papers that address the following issues in Psychology. Topics of interest include, but are not limited to:

Behavioral Psychology	Military Psychology
Biological Basis of Behavior	National Psychology
Clinical Psychology	Neuropsychology
Cognitive Psychology	Political Psychology
Counseling Psychology	Professional Practice
Cultural Psychology	Psychological Assessment and Evaluation
Economic Psychology	Psychology of Art
Educational Psychology	Psychology of Religion
Engineering Psychology	Psychotherapy
Environmental Psychology	Safety Psychology
Ethics in Psychology	School Psychology
Family Psychology and Couples Psychology	Scientific Psychology
Forensic Psychology	Social Psychology
Gerontology	Sport Psychology
Health Psychology	Traffic Psychology
Intelligence psychology	Work, Industrial and Organizational Psychology
Managerial and Leadership Psychology	

We are also interested in short papers (letters) that clearly address a specific problem, and short survey or position papers that sketch the results or problems on a specific topic. Authors of selected short papers would be invited to write a regular paper on the same topic for future issues of the **PSYCH**.

### *Notes for Intending Authors*

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

### *Website and E-Mail*

<http://www.scirp.org/journal/psych> E-mail: [psych@scirp.org](mailto:psych@scirp.org)

## TABLE OF CONTENTS

Volume 2 Number 2

April 2011

<b>Self-Construal and Subjective Wellbeing in Two Ethnic Communities in Singapore</b> W. C. Chang, M. M. B. Osman, E. M. W. Tong, D. Tan.....	63
<b>Romantic Relationship Status and Gender Differences in Sun Tanning Attitudes and Behaviors of U.S. College Students</b> T. F. Pettijohn II, T. F. Pettijohn, A. G. Gilbert.....	71
<b>The Influence of Social and Individual Variables on Ethnic Attitudes in Guatemala</b> B. K. Ashdown, J. L. Gibbons, J. Hackathorn, R. D. Harvey.....	78
<b>Gender Differences in the Relationship between Competitiveness and Adjustment among Athletically Identified College Students</b> M. M. Carter, C. S. Weissbrod.....	85
<b>Gesture as a Cognitive Support to Solve Mathematical Problems</b> M. Francaviglia, R. Servidio.....	91
<b>Eliciting Guilty Feelings: A Preliminary Study Differentiating Deontological and Altruistic Guilt</b> B. Basile, F. Mancini.....	98
<b>Influence of the Learnt Direction of Reading on Temporal Order Judgments</b> A. Pérez, L. García, M. Valdés-Sosa, P. Jaśkowski.....	103
<b>Morphological Knowledge and Decoding Skills of Deaf Readers</b> M. D. Clark, G. Gilbert, M. L. Anderson.....	109
<b>Illness and Medication Appraisals in People with HIV Deciding to Begin Antiretroviral Treatment</b> J. Wrubel, J. T. Moskowitz, E. Stephens, M. O. Johnson.....	117
<b>Treatment Alternatives for Mentally Disordered Offenders: A Literature Review</b> J. J. Knabb, R. K. Welsh, M. L. Graham-Howard.....	122
<b>Double Disaster: Mental Health of Survivors of Wildfires and Earthquake in a Part of Greece</b> V. Papanikolaou, D. Adamis, R. C. Mellon, G. Prodromitis, J. Kyriopoulos.....	132
<b>Study on Psychological Crisis Evaluation Combining Factor Analysis and Neural Networks</b> H. Lin, Y. B. Zhang, H. Q. Tong, Q. L. Tong, D. S. Liu.....	138