



## **Editorial of Volume 4, Issue 6 (2017)**

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Submitted: 20. December 2017  
Published: 20. December 2017  
Volume: 4  
Issue: 6  
Affiliation: JOSHA  
Languages: English  
Keywords: Editorial, Demetrios Project, Lamarck, Jazz  
DOI: 10.17160/josha.4.6.371

# JOSHA

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**Journal of Science,  
Humanities and Arts**

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## **JOSHA – Journal of Science Humanities and Arts**

### **Editorial**

### **Volume 4 Issue 6**

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The last issue of the present year is like JOSHA itself, multidisciplinary, life sciences, medicine, music, children's books and as always our very estimate Demetrios project come together to create a very interesting issue.

We presented our new feature and new sections design to allow our readers a more pleasant, productive, and easy access to the content of JOSHA Journal and Demetrios Books. As a multilingual platform and with the goal of allowing our worldwide readers an easier access to their language of preference, JOSHA included the "Select language to filter search" option. With this new feature, it will be possible to sort all the content in JOSHA by language. Additionally, we introduced new sections on our webpage, JOSHA Performing arts, music, DEMETRIOS Textbooks, DEMETRIOS Children's Books and DEMETRIOS Literary books.

Carmine Cataldo from Italy presents an interesting paper about the structure of a typical jazz arrangement. Providing information about the writing methodologies, they propose, as a model, a simple arrangement of "Giant Steps", a renowned composition by Coltrane, suitable for medium-sized training. The instruments of the orchestra are trumpet, alto saxophones, and tenor, trombone, piano, double bass, drums. The various arrangement techniques, such as diatonic parallelism and tonicization, are mentioned here but not discussed.

Also from Italy, from Turin University, Giovanni Corvino and Claudia Bommino published "Lynching", a paper on the impact of Photographs of human lynching in the United States of America. According to the literature, photographs of human lynching had an important role in supporting lynching. The aim of this brief paper is to understand why photographs of the lynching of afroamericans by whites were so important in the United States of America, especially in the South.

Two beautiful children's books, "die Tochter des Kaufmanns" and "Herr Frühling und Frau Winter" based on Iranian folktales and legends and written in Persian and German. The first pages of both of these charming books are available on our DEMETRIOS children's book section. If we raise your curiosity and you would like to obtain the complete book, please fill up the form under the "order book/reprint" button so you can enjoy the full extent of the books.

From Colombia, Maria Fernanda Moreno and Wellman Ribon shared with us a master thesis entitled, "Search for synthetic and natural substances in vitro bioactivity against Mycobacterium tuberculosis". This is the first part of the thesis, containing the introduction and theoretical background of the work, whose main objective was to determine the in vitro antimycobacterial activity of 15 synthetic molecules, 14 essential oils and 6 extracts from endemic plants growing in the department of Santander, Colombia. This could be an alternative to fight the high degree of resistance to the current anti-tuberculosis treatments.

In the line of medicine, we present two papers, "Photography and the visual brain" by author Chiara Salabé, and, "Somatic mutation or epigenetic modification" by author Horst Kress. In the first paper, the author describes the pathways of the brain preceding a camera shot, from the external sensory stimulus to the elaboration in the neocortex, and finally to the response in the motor action represented by the "click". The focus is on the visual brain; we will see how

it is characterized by a set of parallel processing of perceptual stimuli as well as temporal hierarchical awareness of perception. The essay also describes how the elaboration of the external stimulus is transferred into motor action, which in the case of photography is able to capture the essential feature of a specific reality in a fraction of a second.

“Somatic mutation or epigenetic modification” is an essay regarding Lamarck’s (1744-1829) concept about the inheritance of characteristics acquired during an individual’s life through active adaptation, since neither the scientific nor the social/political experiment could validate this thesis during his lifetime. It is to be understood that until the 20th century Lamarck's ideas did not gain a foothold in the advancing natural sciences and were more or less pushed out of consciousness. In order to be able to be closer to the topic of inheritance of acquired characteristics, the author explains the development of the elucidation of the structure and function of the chromosomes. He clarifies that they are the carriers of genetic information that can be mutated on the one hand and reversibly modified on the other hand without mutation by the nuclear and cellular milieu in response to environmental conditions.

In the field of humanities, social sciences and law we present a review written by Detlef Liebs about the background of the use of the common Latin proverb in the field of law: "fiat iustitia et pereat mundus". The use of the phrase goes back to pope Hadrian VI. in 1522 and then the article discusses the changing of its meaning over the centuries through its translation and its usage. Liebs criticizes that with time, the different usage of the phrase led to the loss of its original meaning. Additionally, we present the second part of the thesis, “Max Frisch – The Problem of Identity in his Work from a Psychoanalytical Point of View”. Written in German by author Gunda Lusser-Mertelsmann, she reflects in the second part on the special bond and interaction between FREUD’s psychoanalysis and Max FRISCH’S characters, on the universal subjects of life and humanity. What do we mean, when we talk about „life” and do we really achieve all we want by doing nothing more than being ourselves? Does everyone need a certain „awakening” in his life to understand what is really important? And does suicide mean the loss of identity or can it rather be seen as the search for a new kind of identity, hence is an awakening itself?

And last but not least the description of the Demetrios projects has now a version in Georgian, More languages are jet to come!

The Editorial board and everybody in JOSHA would like to thank our readers and authors for supporting this wonderful project and for making 2017 another successful year for JOSHA as documented by the almost 62,000 views and more than 48,000 downloads in the past 6 months as well as the continuous increase in submissions from all over the world.

**We wish you all a wonderful holiday season, Merry Christmas and a Happy and Successful Year 2018.**

We at JOSHA wish all our readers a joyful reading experience.

Dr. Yaneth Ortiz

On behalf of the JOSHA team

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