



# Researches Relevant to Theosophy

Vol. III N° 1

A quarterly publication devoted to the collection of researches in the sciences and humanities that are relevant to theosophical studies.

- \* Anthropology
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**Common Core Values in Religions**

**An Exploration of Mind/Brain Interactions**

**Integral Yoga Clinical Correlations**

**Giant Magnetic Bridges Between Galaxies**

**Does Time Flows Two-Ways?**

**Is the Sun Conscious?**

*And More . . .*



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## Editorial

Welcome to the first issue of 2020 Researches Relevant to Theosophy.

This quarter brings articles and research papers on various academic disciplines which offer opportunities to reflect on the Ancient Wisdom. There are more and more researches focusing on "out-of-mainstream" scientific domains.

In this issue, you will discover scientific experiments on mind-brain interactions, clinical correlations on yoga, the consciousness of our Sun... and some new findings about magnetic bridges between galaxies.

The web site, Theoscience.org, has added a new top menu item - *Books of Interests* - providing references books on some of the academic disciplines like Physics, Astronomy & Cosmology, and Popular Books on Science.

Survey, gathering and analysis of research information is the main purpose of this publication. We appreciate your feedback. You may email us at [editor@theoscience.org](mailto:editor@theoscience.org) or comment on the website of *Researches Relevant to Theosophy* ([theoscience.org](http://theoscience.org)).



## Researches Relevant to Theosophy

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Contributions to this publication are welcome. Email to the editors the title, date, source and summary of the research report, together with the full citation of the source or sources, whether website, book or article.

Biology, Earth Sciences,  
Health & Medicine

Date : Dec., 2019

Source : *New Scientist*

## Going Vegan

Millions of people are giving a try to a vegan diet for the month of January 2020. Researchers at the University of Oxford are running a pilot experiment to assess the value of veganism in regard with the environmental impacts aspect. Veganism is considered better for the planet than other diets. A [2018 Science study](#) has quantified today's food supply chain impact on a global scale – feeding 7.6 billion people : meat and dairy contribute to about 60 percent of agriculture's greenhouse gas emission, and provide only 18 percent of our calories. The alternative of veganism starts to gain some momentum, and some coaching is available on the [Vegan Society Web Site](#).

Religion

Date : Dec., 2019

Source : MDPI- Journal of Religions

## Common Core Values in Religions

The core of monotheistic religions, like Sufism, the mystics of Christianity, and the kabbalists of Judaism have a lot of common values as their foundations. This mystic hybridation has been studied and a paper was published in Dec. 2019, describing "*shared space and common ground*" between them. **One of the key conclusion is that "love is the moral seed from which the spiritual traditions emanate", and that "the concept of love finds its roots in the theosophies of Gregory of Nyssa and of the medieval theologian known as Pseudo-Dionysos"**.

Read more :



Physics, Psychology

Date : July, 2019

Source : *ScienceDirect*

## An Exploration of Mind/Brain Interactions

Scientists are exploring interactions/relationships between mind and brain. Mind's effect on matter is scientifically studied and a new model/mechanism is proposed, using an extension of the Bohmian Quantum Mechanics, combined with Avicenna's philosophical ideas. This study tries to demonstrate the causal effect of the mind on the brain, as an incorporeal essence.

Mme Blavatsky often wrote comments on the functions of the brain. Here are two excerpts of her articles :

*“The fact is that the human brain is simply the canal between two planes – the psycho-spiritual and the material – through which every abstract and metaphysical idea filters from the Manasic down to the lower human consciousness. Therefore, the ideas about the infinite and the absolute are not, nor can they be, within our brain capacities.” (Lucifer, Vol. V, N° 26, October, 1889)*

*“The special organ of consciousness is of course the brain, and is located in the aura of the pineal gland in the living man. During the process of mind or thought manifesting to consciousness, constant vibrations of light take place... What consciousness is can never be defined psychologically. We can analyze and classify its works and effects – we cannot define it, unless we postulate an Ego distinct from the body.” (The Theosophist, Vol. XLVI, N° 11, August 1925 )*

Read more :



Health & Medicine  
Psychology  
Parapsychology

Date : Sept., 2018

Source : *IJTS*

## Integral Yoga Clinical Correlations

Sri Aurobindo's Integral Yoga Philosophy was published, starting August 1914, in an Indian review, the *Arya*. It offered a synthesis of some of the main yoga philosophies from India, the Bhakti (adoration), Karma (action), and Jnana (knowledge) yoga. This synthesis is presented as a path to perceive, understand and to live the One Life.

Modern integrative medicine has brought trans-personal themes inside the mainstream of contemporary healthcare. This article provides an overview of Sri Aurobindo's Integral Yoga in clinical practices. It encompasses topics as reincarnation, the chakra's system, parapsychology and mind-body healing.

Read more :



Space Sciences

Date : May., 2017

Source : *ScienceAlert*

## Giant Magnetic Bridge Between Galaxies

A bridge between two of the neighboring galaxies (the Large and the Small Magellan Clouds) has been observed for the first time. It is made of neutral gas and it has a magnetic field component. Cosmic magnetic fields appear to be everywhere observations are made, and the scientists are (now) humble about the root-causes of the generation and the action of these fields.

The Secret Doctrine – Volume 1 (3rd edition, p. 169) gives some hint at this phenomenon : “*The Seven Son-Brothers, however, represent and personify the seven forms of cosmic magnetism, called in Practical Occultism the “Seven Radicals,” whose cooperative and active progeny are, among other energies, Electricity, Magnetism, Sound, Light, Heat, Cohesion, etc.*”



## Physics

Date : Jan., 2020

Source : *NewScientist*

## Does Time Flows Two Ways ?

The weirdness of quantum physics is still blurring our rational, intellectual mind. Causality is one of the most difficult paradigms to challenge. A cause always preceding an effect seems so obvious that reversing the arrow of time would be more science-fiction than science. But quantum physics has encountered this phenomenon with the notion of quantum superposition which states that an object can be in two different states at the same time. Many experiments have been and are still currently being run to witness this phenomenon. One of the recent ones (Aug. 2019) has extended the range of the scenario up to a massive body in a spatial superposition state (thought experiment), which demonstrates again that : " a classical notion of a causal structure is untenable in any framework compatible with the basic principles of quantum mechanics and classical general relativity."

**The Secret Doctrine – Volume 1 (3rd edition, p. 68) :**  
*“Time” is only an illusion produced by the succession of our states of consciousness as we travel through the Eternal Duration, and it does not exist where no consciousness exists in which the illusion can be produced, but “lies asleep”.*

Read more :



Parapsychology, Physics,  
Space Sciences

Date : July, 2018

Source : *Electric Universe*

## Is the Sun Conscious ?

Scientific mind has crystallized his paradigm around mechanistic, reductionist approaches since the end of the XVI<sup>th</sup> century, and, since the beginning of the XX<sup>th</sup> century, materialistic-only philosophy is dominant in scientific communities. The last 15 years have witnessed a new movement – panpsychism – which reintroduces consciousness everywhere. Among the proponents of such theory, Rupert Sheldrake is talking about the Earth, the Sun, the galaxies, as self-organizing systems or conscious organisms. He proposed some mechanisms to explain how the Sun can be conscious of what is happening inside the Solar System, using electromagnetic fields which are connecting everything in the Universe. This talk is giving some clues and methods for testing the hypothesis that consciousness expresses itself through the Sun.

**The Theosophist – Volume IV, N° 12, Sept. 1883 :** *"If the "Adepts" are asked: "What then, in your views, is the nature of our sun and what is there beyond that cosmic veil?" – they answer: "beyond rotates and beats the heart and head of our system; externally is spread its robe, the nature of which is not matter, whether solid, liquid, or gaseous, such as you are acquainted with, but vital electricity, condensed and made visible."*

Watch :





Health & Medicine

Date : Nov., 2019

Source : NeuroImage

## Mothers and Babies Synchronize their Brain Waves

A new research, using dual electroencephalography, has recorded simultaneously a mother's and her baby's brain activities. It shows that the level of connectivity is linked to the mother's emotional state. The study found that the parent-infant inter-brain network is strongly modulated by the emotional quality and tone of dyadic social interactions.

*"Our emotions literally change the way that our brains share information with others – positive emotions help us to communicate in a much more efficient way,"* said one of the study's participant.

Read more :



Physics,  
Space Sciences

Date : Jan., 2020

Source : Reader's  
Contribution

## Large Numbers Numerical Coincidences

The values of the physical "constants", like  $G$ , the Newtonian gravitational constant, or  $h$ , the Plank constant, or  $c$ , the speed limit of light, are still shrouded in mystery. Why do they have such a value ? Gilles Cohen-Tannoudji, one of the leading particles physicist, said that " *the universal constants express the inherent limitations of human knowledge.*"

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## Large Numbers Numerical Coincidences (Cont'd)

One of our reader has published a paper proposing a set of new hypothesis, as a continuation of Dirac's and Eddington's Large Number Hypothesis, linking constants and numbers. In that analysis, all the found relations have a common nature of the "power-of-two". Such correlations provide with accurate calculation/prediction of some constants and measurements.

**He wrote some additional comments :** *"Beside sevenfoldness, the proposed hypothesis has another interesting property that supports the thought of Mme Blavatsky (H.P.B.) on the existence of key-note in Nature which was mentioned by her in The Voice of the Silence – Glossary to Part, III, The seven Portals, 10, p. 89. : she gives Note F as the keynote of Nature. If one calculates exactly 68 octaves up from the Hubble constant given by the article's expression, then the result is 673.37 Hz which is close to standard note F (698.45 Hz). The same result can be obtained by calculating 60 octaves down from the de Broglie frequency of the electron."*

Read more :

