

# Psi Research in China

This article describes some recent experimental and theoretical work in China, including successful attempts to train ESP abilities in blind children. It has been contributed by Professor Yi-Fang Chang, a physicist and experimental parapsychologist at China's Yunnan University.

## History and Experimental Research

Psi phenomena have been accepted in Chinese culture from earliest times to the present day. In Buddhism, Confucianism, Taoism and traditional Chinese medicine, the development of psi facilities by practitioners in meditative practice is taken as a given.

Stories of psi occurrences in many forms are found in the Records of the Grand Historian, or Shǐjì (史記), a history of all the dynasties of ancient China from earliest times that was compiled around 100 BC. Wu Ding (1271–1213 BC), for example, was a notable king of the early Shang dynasty who, wishing always to be wise, engaged Fu Shuo as his prime minister because he had found Fu Shuo's telepathic ability an invaluable aid in guiding his decisions.

In the adjacent Western dynasty, King Wen of Zhou (1231–1135 BC), another enlightened leader who established the I Ching as the enduring manual of divination with its 64 hexagrams, had an outstanding prime minister, Jiang Ziya, known as the 'master of strategy', who could both read his mind and divine the future.

The physicist Leping Zha introduced the systematic study of psi in the People's Republic of China in the late 1970s. In China, [psychokinesis](#) (PK) is included in the 'somatic sciences' that study exceptional functions of the human body such as qigong. Leping Zha's historical account of the three phases of China's modern somatic sciences between 1979 and 2001 [1](#) includes reviews of hundreds of claimed successful experiments across the parapsychology spectrum.

The Institute of Somatic Science of Yunnan University was founded in 1980, and its successful experiments have included the advancing and retarding of a clock by means of mental intention in the absence of any known physical force. [2](#)

Paranormal effects have been measured by Raman spectroscopy, and a psi bio-ray detector has been developed using light sensitive semiconductors or photomultipliers that can measure changes in bio-photon emission rates from body cells correlated with psi activity. [3](#)

The practice of Qigong is divided into internal generation of Qi energy or 'Internal Qi of Qigong (IQQ)' and the outward application of Qi energy in the form of 'External Qi of Qigong (EQQ)'.

Professors Deying Chu and Shao Linxiang, biochemists at Beijing University and Zhejiang Normal University respectively, investigated the effects of EQQ, finding

that directed EQQ could kill cultured cancer cells in vitro and inhibit in vivo tumor growth, also that it could relieve symptoms and even effect a complete cure in many illnesses. EQQ has also been found to enhance seed germination and plant growth, increasing crop yields. It has been found that EQQ prepared water can be imprinted with Qi and can inhibit bacterial proliferation, induce cancer cell apoptosis and promote the growth of normal cells.[4](#)

## **International Chinese Parapsychology Association (ICA)**

In 2013, the International Chinese Parapsychology Association (ICA), now registered in Hong Kong, was set up to integrate Chinese psi research with other global activity in the field. Key founders were professors Leu Ying Jong (National Taiwan University), Albert So (Hong Kong University), and Yi-Fang Chang (Yunnan University). Member associations include the Southern China Branch of Yunnan University; the Hubei branch founded by Gong Zhe-bing (Wehan University); the Jiangsu branch founded by Yin Daming; and the Hebei branch founded by Guo Decai.

The Mind-Matter Parapsychology Phenomena and Study Kuming Ltd, registered in Kuming (capital of Yunnan province) has recently been established. These associations can also call upon the expertise of scientists such as Shao Linxiang (Kochi University of Technology), Leping Zha and Dong Shen.

[Near-death experiences](#) and the traditional Chinese culture that includes communication with the dead and other discarnate entities are now under investigation using modern scientific methods. We Kang, for example, has edited the *Dictionary of Chinese Mysterious Culture* (1993) in which he has identified and codified a wide range of psi phenomena that offer themselves for scientific inquiry.

## **Experiments With Blind Children**

During the summer periods of 2012–2015, the Training Group on the Potential of Blind Children, Southern China Branch, in co-operation with the facilities offered by Lady Tang Kai-Ting of Taiwan in Beijing, found that by using a method combining scientific memory and the practice of Qigong over a period of time, many blind children could learn to distinguish different colours by touch on the nose or ear, and even recognize the outlines of simple figures and numbers, thus improving their quality of life.[5](#)

Using more advanced training methods, Dr Chuang Chung in Taiwan and Professor Tai-Chun Yang in Sichuan with Lady Tang Kai-Ting have further improved the ability of blind children to ‘see and read’ through skin contact. Some children can now ‘skin read’ the colour, number and figure (animal shapes) on separate cards in some cases at up to 45 cards per minute, often with 100% accuracy. Blind children can be taught to telepathically communicate with each other and have even been taught to get together in a ‘virtual space’ and move objects by virtual PK. Sighted children can be taught to develop their PK abilities to fold strips of paper or break matchsticks held in transparent sealed containers, and even write a few tiny words

such as 'Mother, I love you' and a figure of 'love' on a sealed match stick (fig 1) by using a mind controlled 'virtual pen'.[6](#)

 China PK experiment with blind children

Fig.1 Tiny words ('Mother, I love you') and a figure of 'love' inscribed by PK on a sealed matchstick.

Children can also be taught to develop their psi abilities to perform 'psi-calculations', communicate with spirits and with plants and perceive at a distance ([remote viewing](#)). The research has demonstrated that the potential to develop ESP/PK abilities in both blind and sighted children is universal, independent of nation, religion and belief.

## Earthquake Prediction

From his investigation of [precognition](#), including prophecy and premonition, Yi-Fang Chang proposes that earthquakes might be predicted with greater reliability if instrument readings and probability assessments based on magnitude-period formulae could be combined with anomalous psi cognition to form a multilevel network forecast.[7](#)

Yi-Fang Chang has demonstrated how, in seismology, a magnitude formula of earthquake prediction derived from the Gutenberg-Richter law, which expresses the relationship between the magnitude and periodic number of earthquakes in any given region, plus nonlinear dynamics, was reasonably successful in correlating the intervals and dates of Californian earthquakes and their relative magnitude from 1852 to 1986. Including psi prediction would improve accuracy.

## Theories and Working Hypotheses

As so many experiments have demonstrated that psi-based functions exist there must be a reality in which they can occur. Yi-Fang Chang has proposed that in addition to the four fundamental, interactional force fields of physics – long range gravitational and electromagnetic fields, weak nuclear force and strong nuclear force – there is a fifth force field, which he terms the thought field, that is generated by every thought and idea.[8](#)

This mental field has properties analogous to quantum nonlocality, he argues. He has proposed that its energy is directly proportional to its frequency: its basic formula is  $E=H\nu$  where  $\nu$  is the frequency and  $H$  is an as yet undetermined coefficient. Its frequencies can be strong or weak, and orderly or disorderly. The thought field is a fifth field, middle-range interaction force, with a variable range of action over distance. Together, the five fundamental forces comprise what he has termed as a Superworld related to each other (see figure 2).

 China thoughtfield model

Fig 2. Relations between the proposed five field interaction (physics + thought field)

The outcome of experiments with blind and normal children imply considerable neuroplasticity changes can occur in the brain. Yi-Fang Chang<sup>9</sup> has proposed that the sensory systems of touch, sight, smell, etc, may work together to create a transformatory network, analogous to synesthesia as explored by Cytowic and Eagleman,<sup>10</sup> with a reorganization of neural circuitry as described by Edelman.<sup>11</sup> This possibility seems to have been foreshadowed in the Six Sense-Organs Intersubstitution with regard to Eye-Ear-Nose-Tongue-Body thinking in Buddhism. The relationship between mind and the associated cerebral activity of consciousness was explored by the neuroscientist John Eccles<sup>12</sup> in terms of a phase transition, raising the possibility of mind existing outside the body, relating back to the concept of a thought field.

Having assessed more than a thousand successful psi experiments since 1990, professor Si-Chen Lee and colleagues at the National Taiwan University have, like Yi-Fang Chang, proposed the existence of an extra space-time 'information field' within the thought field of high level consciousness. Modern neurobiology has shown that neural systems are of ever-changing variability around a mean, a reason why replications of previous experimental findings can be hard to obtain.

Si-Chen Lee's proposal is a mathematical model of mental space-time based upon the concepts of Kähler geometry, the 'Kähler manifold', a particular form of the Riemannian complex manifold.

Leu Ying Jong has proposed that the ancient Chinese medicine of *zhuyou*, a form of healing that calls upon the collective unconscious and cosmic higher wisdom, implies the existence of a cosmic 'information field' that can be tapped into by advanced mental practices.

Dr Albert So has studied Feng Shui, which is comprised of two schools of study: the Form School and the Compass School. In the latter, the popular Nine-Palace-Flying-Star method has apparently achieved successful quality of life results that allow for a mathematical analysis. It has been found that a well-balanced Feng Shui environment can be very psi-conductive. The Inedia (BiGu) system of 'right living', following a Taoist diet that avoids or reduces cereals and meat, allows an increased absorption of beneficial Cosmic Qi. This practice is widely applied in Confucianism, Buddhism and traditional Chinese medicine.<sup>13</sup>

## Scientific Publications

In October 2011, the first conference on Chinese Traditional Culture and Research into Parapsychology was held in Kuming. This resulted in a book of the same name, the first Chinese academic research book in parapsychology (published by the China Publishing Group World Publishing Corporation). It contains 31 articles and is edited by Yi-Fang Chang (professor at Yunnan University and vice-chairman of the International Chinese Parapsychology Association), Gong Zhe-bing

(professor at Wuhan University) and Leu Ying Jong (professor at World Organisation of Nature Medicine University, and chairman of the International Chinese Parapsychology Association). Reviews can be found in *NeuroQuantology* 2012 [14](#) and *World Institute for Scientific Exploration Journal* 2016. [15](#)

The first article, on 'String Theory, Universal Mind and the Paranormal', is written by Professor Brian Josephson. In 'Thought Field, Three Methods of Research Parapsychology and Three New Possible Results', Yi-Fang Chang discusses the special characteristics and functions of psi phenomena as related to modern science, traditional culture and religions.

Nianlin Zhu discusses PK teleportation, in terms of new concepts of spatial reality in which PK-space interacts with what he terms the 'bright point'.

Other theoretical chapters explore PK in relation to interactional, high dimension space-time, with applications to nonlinear biological reactions, and theories concerning the nature of dark energy, dark matter, the quantum micro-universe, multi-universe membranes and superstrings. The relationship between these cosmological physical theories, psi phenomena and Buddhist philosophy are also explored.

In November 2016, the Second Conference on 'Chinese Traditional Culture and Research into Parapsychology' was held in Kunming, presented by the International Chinese Parapsychology Association, which now includes some 280 experts in the field of psi phenomena. The proceedings of this conference will be presented in a new book consisting of 33 articles and brief biographies of notable Chinese psi practitioners.

Yi-Fang Chang

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## Literature

Anon. (2012). Review of Chinese traditional culture and research into parapsychology. *NeuroQuantology* 10/4, 765-67

Anon. (2016). Review of Chinese traditional culture and research into parapsychology. *World Institute for Scientific Exploration Journal* 5/4, 134-36.

Cytowic, R.E., & Eagleman, D.M. (2009). *Wednesday Is Indigo Blue: Discovering the Brain of Synesthesia*. Cambridge, Massachusetts, USA: MIT Press.

Eccles, J.C. (1974). Cerebral activity and consciousness. In *Studies in the Philosophy of Biology: Reduction and Related Problems*, ed. by F.J. Ayala & T. Dobzhansky, 87-107. Oakland, California, USA: University of California Press.

Edelman, G.M. (1987). *Neural Darwinism*. New York: Basic Books.

Institute of Somatic Science of Yunnan University (1981). *Journal of Nature* (Z.Z.China) 4.

Leping Zha (2001). Review of history, findings, and implications of research on 'exceptional functions of human body' in China. In *Proceedings: Bridging Worlds and Filling Gaps in the Science of Healing, (Hawaii), 29 November-3 December*, ed. by R.A. Chez, 177-202.

Leping Zha & McConnell, T. (1991). Parapsychology in the People's Republic of China. *Journal of the American Society for Psychical Research* 85, 119-41.

Luo Xin, Zhu Nian-Lin, et al. (1989). *Proceedings of Second International Conference on Qigong*. Xian: Tian Ze Press, 27-28.

Luo Xin, Zhu Nian-Lin, et al. (1994). *Chinese Journal of Somatic Science* 4, 77.

Wu Kang, ed. (1993). *Dictionary of Chinese Mysterious Culture*. Hainan Press.

Yi-Fang Chang, Zhi-Qiang Zhang, Wen-Hua Zhang, Hong Qin, et al. (2016). Potential of blind children and general children. *World Insitutute for Scientific Exploration Journal* 5/4, 72-76.

Yi-Fang Chang, Gong Zhe-bing & Lu Ying Zhong, eds. (2012). *Chinese traditional culture and research of parapsychology*. China Publishing Group World Publishing Corporation.

Yi-Fang Chang (2004). Three ways of earthquake prediction. *Journal of Religion and Psychical Research* 27/3, 126-30.

Yi-Fang Chang (1989). *Periodicity of change in earth-sun and research of period of earthquake*. Yunnan Science Technology Press. Phys. Abst. 1990, 93, 1371, 30443.

Yi-Fang Chang (1988). Special function and the thought fields in biology. In *Puzzles and Prospects in Forward Positions on Science*. Hunan Science and Technique Press, 357-65.

Yi-Fang Chang and Luo Xin (1997). *Chinese Journal of Somatic Science* 7, 174-76.

Yi-Fang Chang (2003). Living beings and the thought field. *Journal of Religion and Psychical Research* 26/2, 98-102.

Yi-Fang Chang (2013). A testable application of nonlinear whole neurobiology: Possible transformation among vision and other sensations. *NeuroQuantology* 11/3, 399-404.

Zhu Nian-Lin, & Luo Xin (1995). *Chinese Journal of Somatic Science* 5, 99.

Zhu Nian-Lin, Zheng Tianmin, Luo Xin, et al. (1983). *PSI Research* 3, 25.

## Endnotes

## Footnotes

- [1.](#) Leping Zha & McConnell (1991); Leping Zha (2001).
- [2.](#) Institute of Somatic Science of Yunnan University (1981), 348; Zhu Nian-Lin, Zheng Tianmin, Luo Xin, et al. (1983).
- [3.](#) Luo Xin, Zhu Nian-Lin, et al. (1989).
- [4.](#) Yi-Fang Chang, Gong Zhe-bing & Lu Ying Zhong (2012).
- [5.](#) Yi-Fang Chang, Zhi-Qiang Zhang, Wen-Hua Zhang, Hong Qin, et al. (2016).
- [6.](#) Yi-Fang Chang, Zhi-Qiang Zhang, Wen-Hua Zhang, Hong Qin, et al. (2016).
- [7.](#) Yi-Fang Chang (2004); Yi-Fang Chang (1989).
- [8.](#) Yi-Fang Chang (1988); Yi-Fang Chang and Luo Xin (1997); Yi-Fang Chang (2003).
- [9.](#) Yi-Fang Chang (2013).
- [10.](#) Cytowic & Eagleman (2009).
- [11.](#) Edelman (1987).
- [12.](#) Eccles (1974).
- [13.](#) Yi-Fang Chang, Gong Zhe-bing & Lu Ying Zhong (2012).
- [14.](#) Anon. (2012).
- [15.](#) Anon. (2016).