

**127/02 - "Pursuing Psi in a Non-EuroAmerican Culture: Behavioral DMILS in Bali" - only abstract available**

Instituição/*Institution*: College of Arts and Sciences, Rollins College, Winter Park - USA

Duração/*Duration*: 2003/03 - 2005/03

Investigadores/*Researchers*: Prof. Hoyt Edge, Prof. Luh Ketut Suryani

**Abstract: Objectives:** The grant funded two DMILS studies and a comparison of Balinese and American responses on the BVCQ. In the DMILS studies, we sought to get more successful results through using two special populations as Helpees.

**Methods:** The DMILS task was for the Helper to use psi to help an untrained meditator (Helpee) in a sensorily isolated room to increase their focus meditation on a lit candle. In the first DMILS study we used traditional Balinese healers (Balian) as Helpers.

The second DMILS study used trained Resident Interns in Psychiatry as Helpers.

The Balinese VCQ, an 82 question survey concerning volitional competence, was given to 280 Balinese and Americans and comparisons were made in their responses.

**Results:** In the first study, a total of 40 runs were carried out, half with Balian and half with meditators. We found no overall difference between presses in the control condition (mean = 2.6, SD = 2.46) and help condition (mean = 2.5, SD = 2.21),  $t(39) = 0.44$ ,

ns, two-tailed,  $d = .05$ , power = .05. We also found a no significant difference in the pis scores between the meditators and Balians,  $t(38) = 1.74$ ,  $p = .09$ , two-tailed,  $d = .56$ , power = .39.

In the second study, 80 runs were carried out. Again, there was no significant psi effect (Control (M = 3.07, SD = 2.57), Help (M = 2.91, SD = 3.04),  $t(68) = 0.61$ , ns, one-tailed).

A comparison of Balinese and American responses on the Balinese Volitional Competency Questionnaire yielded a number of differences. Most significant among these was support that the Balinese employ secondary control (the person tries to fit in with the world and "flow"

with it) that is tied closely with collectivism, while American responses indicated primary agency (people attempt to change the world so that it conforms to their needs and desires) that is correlated with individualism.

**Conclusions:** The two DMILS studies changed the types of Helpees in the DMILS studies, but we were unsuccessful in either manipulation in getting positive results. On the other hand, the BVCQ yielded important cultural differences in terms of volition and reflected differences between individualist and collectivist cultures.

**136/02 - "Factors Affecting the Relationship Between Human Intentionality and the Hemolysis of Red Blood Cells"**

*Instituição/Institution:* Rhine Research Center, Durham - USA

*Duração/Duration:* 2003/05 - 2005/03

*Investigadores/Researchers:* Prof. John Palmer, Prof. Stephen Baumann, Dr. Christine Simmonds, Dr. Colleen Rae, Ms. Anne Poole

**Abstract:** The purpose of the experiment was to see if participants (Ps) could psychokinetically retard the hemolysis of red blood cells from a nearby room. 20 spiritual healers completed 2 sessions and 40 non-healers 1 session. Hemolysis was induced by adding 50 ml of blood to 3ml of .425% physiological saline solution in a cuvette and was measured by a spectrophotometer. Each session included 2 counterbalanced test and baseline runs, each containing 8 1-min trials. Influence was attempted only on trials 4 and 5 of the test run; all other trials were control. Overall hemolysis scores were nonsignificant and did not differ significantly between healers and non-healers. Results were not directly affected by whether the manipulated DC component of the geomagnetic field (GMF) around the cuvette was present or absent. Consistent with a previous finding, ambient GMF 1 day before the test session was suggestively higher for retardation than acceleration 1st sessions ( $p = .081, 1-t$ ). Healers scored significantly higher than non-healers on the Spiritual Transcendence Scale (STS), and high STS non-healers expressed the most confidence in task success. There were 2 significant post-hoc effects in 1st sessions. Non-healers under age 31