

**CREATIVE PLAY, SOCIAL-POLITICAL FREEDOM AND LIBERTY NOT POSSIBLE  
WITH ABNORMAL BRAIN DEVELOPMENT INDUCED BY FAILURE OF AFFECTIONAL  
BONDING IN THE MATERNAL INFANT/CHILD RELATIONSHIP**

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**Depression, stereotypical rocking behaviors and compulsive stimulus-seeking behaviors**, all produced by sensory deprivation to the developing brain that is induced by failed maternal-infant/child affectional bonding, robs the developing offspring of the capacity to engage in touching and body movement that is essential for creative/spontaneous play; and to later development of behaviors associated with personal freedom and liberty. **Violence**, particularly child abuse, is another destructive consequence of these early life experiences that prevents the development of creative/spontaneous play, which is the foundation for social-political freedom and liberty.

**Figure 1**, a photo montage, illustrates the pathological emotional behaviors induced by early deprivation of physical affection. **Figure 2** illustrates the avoidance of physical contact with other animals and humans in mother-deprived monkeys; and positive affectional behaviors in monkeys reared with their mothers. **Table 1** presents how our Two Cultural Brains are formed by **Pain and Pleasure**, which determines the kind of Culture we become.

Additional Commentary **HERE**



Fig. 5. Self-biting and self-mutilation of an adult isolation reared rhesus.



Fig. 6. Motherless mother crushing 20 day old infant to the floor.

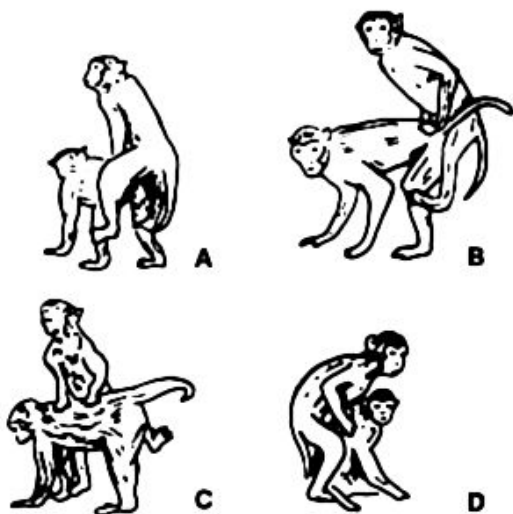


Fig. 7. Normal sexual posturing in the normal male & female rhesus (A, B). Abnormal sexual posturing in the isolation reared male & female rhesus (C, D).



Fig. 8. Physical pain in child abuse: 3 month old child with scaled milk thrown on its face.



Fig. 1. "Swinging" surrogate reared monkey freely interacts with human attendant.



Fig. 2. "Stationary" surrogate reared monkey avoids interacting with human attendant.

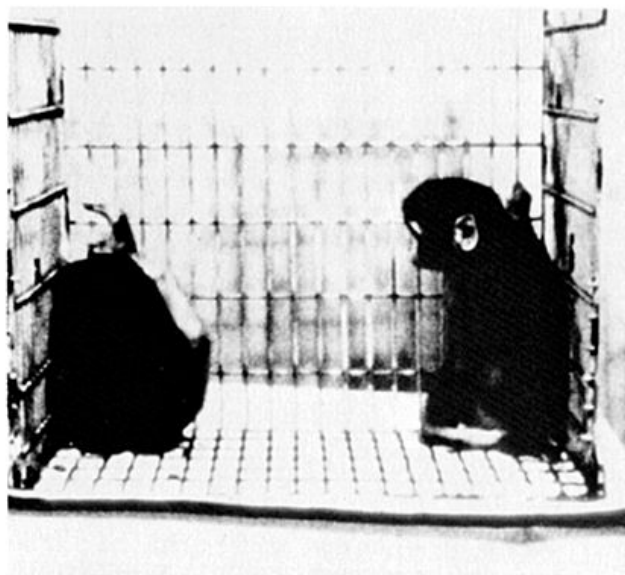


Fig. 3. Two 8 month old isolate reared monkeys who avoid touching and social interaction.



Fig. 4. Two normally reared monkeys touch and cuddle one another.

## TABLE 1. TWO CULTURAL BRAINS

### LIMBIC-SUBCORTICAL EMOTIONAL BRAIN

		<b>PAIN</b>	<b>PLEASURE</b>
N E O C O R T I C A L	P A I N	<b>Theistic Religions</b> <b>Patrilineal</b>  <i>Gender Inequality</i> <b>Sexual Puritanism</b> <i>Addictive Synthetic Drugs</i> <i>Authoritarian Control</i> <i>Pain Is A Moral Good</i> <i>Depression-Violence-War</i> <b>NeuroDissociative Brain</b> <b>Science of Pain-Depression</b> <b>BioMedical Health Model</b> <b>Legislative Gender Inequality</b> <b>Politics of Betrayal</b>	
B R A I N	P L E A S U R E		<b>Earth Religions</b> <b>Matrilineal</b>  <i>Gender Equality</i> <b>Sexual Liberty</b> <i>Natural Botanical Drugs</i> <i>Egalitarian Freedom</i> <i>Pleasure Is A Moral Good</i> <i>Joy-Happiness-Peace</i> <b>NeuroIntegrative Brain</b> <b>Science of Pleasure-Happiness</b> <b>BioBehavioral Health Model</b> <b>Legislative Gender Equality</b> <b>Politics of Trust</b>

Prescott, J.W. (2002). Presented at: Society for the Scientific Study of Sex: "Sex and the Brain" Midcontinent & Eastern Regions June 13-16, 2002 Big Rapids, MI and Society For Cross Cultural Research 32nd Annual Meeting Feb 19-23, 2003 Charleston, SC. From: Prescott, 2005., <http://www.violence.de/archive.shtml>

Prescott, J.W. (2005): Prevention Or Therapy And The Politics of Trust: Inspiring a New Human Agenda. *Psychotherapy and Politics International* 3(3): 194-211 John Wiley & Sons, <http://www.interscience.wiley.com> <http://www.violence.de/prescott/politics-trust.pdf>

Heath (1972) documented in psychiatric patients that septal stimulation produced orgasm and relief from depression not previously experienced with other psychiatric treatments and edited **The Role of Pleasure In Behavior**, (1964) a classic textbook in the field. Berman, Berman and Prescott (1974) transformed a pathological violent adult mother deprived monkey into a peaceful animal that could accept touching and hand feeding not possible before paleocerebellar decortication. <http://www.violence.de/tv/Abuse.mpg>

Heath, Llewellyn and Rouchel (1980) documented therapeutic benefits with a cerebellar pacemaker: "Those who are ill because of a preponderance of profound adverse emotion (depression, rage, violent behavior) benefit significantly. The stimulation also works well with the clinical diagnostic entity of depression, including anhedonia." (p.255).

Saltzberg (1977ab) could identify sub-cortical septal spiking events from normal surface scalp EEG recordings, thus identifying the pathological dangerous violent offender from the "normal" violent offender, a diagnostic tool, tragically, not being utilized today. Prescott (1975, 1977, 1980, 2005), in a study of 49 tribal cultures, could predict with 100% accuracy the peaceful or violent nature of these 49 cultures based upon the Pleasure or Pain experienced in early life development: Mother Love and Youth Sexual Affectional Relationships.

An understanding of the limbic-cerebellar-frontal neocortical brain system is essential to understanding the genesis of Violence and Peace that has its Origins in Mother Love or its Loss that leads to the loss of creative/spontaneous PLAY and continued loss of affectional bonding throughout life. **PLAY EQUALS PLEASURE.**

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<http://www.violence.de/prescott/bulletin/article.html>

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