

Our Phenomenal Human Mind

**Core Values, Common Sense, Agreed Truths,
Shared Visions, and Getting Real.**

Martin Squibbs

**The Humanist Community of Silicon Valley Sunday Forum
April 14th 2013**

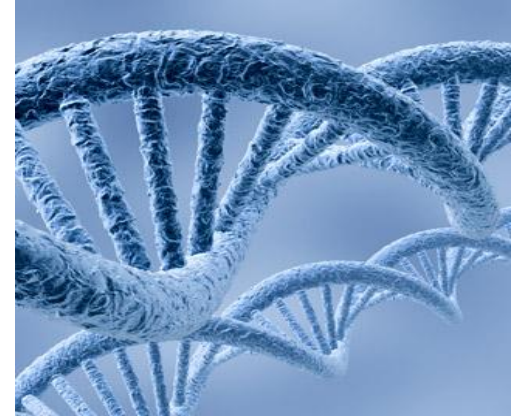
References

- Memory and the Human Lifespan, The Great Courses, Steve Joordens , Prof of Psychology, Univ of Toronto
 - http://www.thegreatcourses.com/tgc/courses/course_detail.aspx?cid=1911
- Understanding the Brain, The Great Courses, Jeanette Norden, Prof of Neuroscience, Vanderbilt Univ
 - http://www.thegreatcourses.com/tgc/courses/course_detail.aspx?cid=1580
- An Introduction to Cognitive Science (SCI 42), Paul Li, Lecturer at Univ of Berkeley. Stanford Continuing Studies, Fall 2012-2013, Sep 27, 2012 - Dec 6, 2012.
 - <http://www.amazon.com/The-Cognitive-Sciences-Interdisciplinary-Approach/dp/141299716X>

Memory and Life

- Memory in All Life
 - A Physical memory of a Form contained within that Form

- Memory in Animal Brains
 - A Sensed memory of a Material Form contained beyond that Form
 - A “felt” memory of an emotional form no longer “felt”



The Mind – You and I

Escape into Reality, Michal Trpak



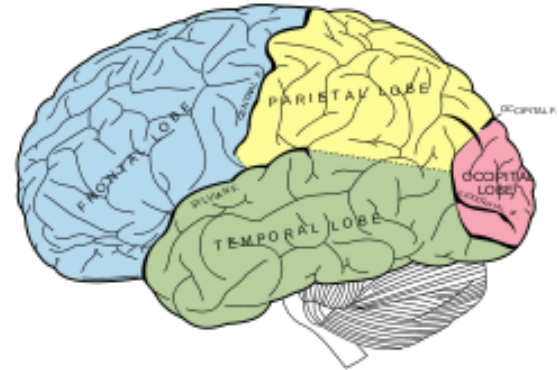
A Voyage into The Mind

"Of course I'm out of my mind. It's dark and scary in there."

Quotesaday.com

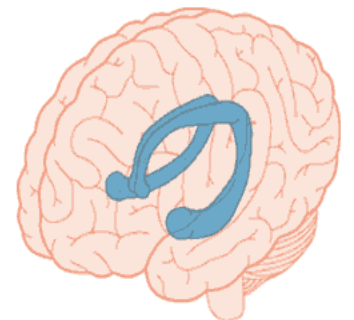
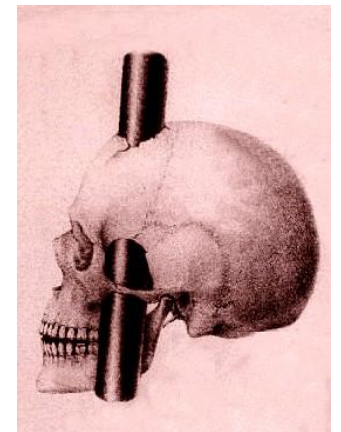
The Human Brain

- Approximately
 - 100 Billion Neurons
 - Approximately 100 Trillion Connections
 - 3 lbs in Weight, 6.5 x 5.5 x 3.5 inches in size
 - 2% of Body Weight
 - 30W energy Consumption
 - 20% of Body's energy consumption (150W)
- The most complex form within the known Universe

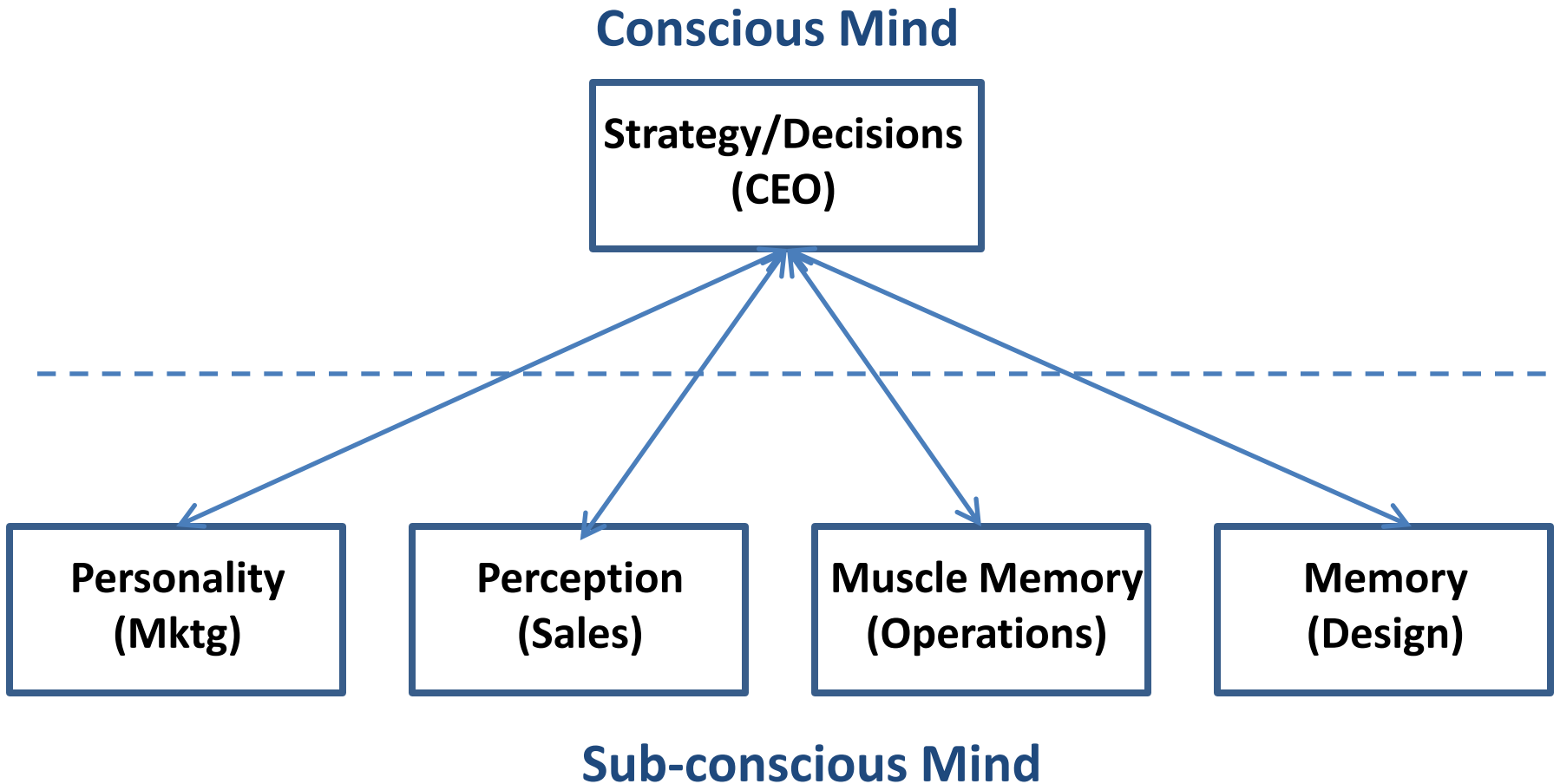


A little History of the Mind's Uncovering

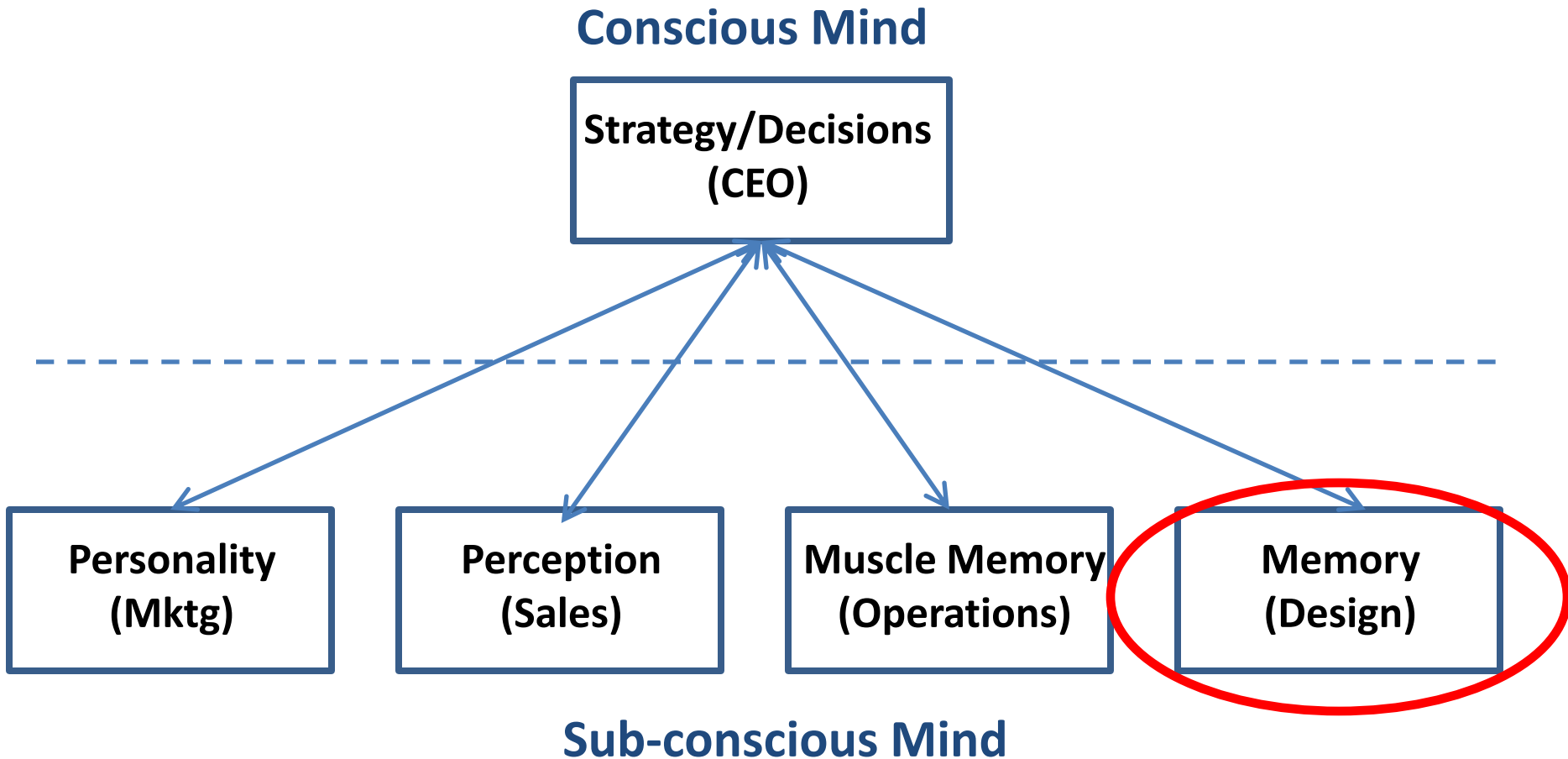
- **Phineas P Gage, Railway Worker, Sept 13th 1848**
 - <http://www.youtube.com/watch?v=MvpIRN9D4D4> (0 to 2mins)
- **Herman Ebbinghaus, German Psychologist, 1850-1909**
 - “Memory – A contribution to Experimental Psychology”, 1885
- **George Sperling, 1934-, Cognitive Psychologist, Iconic Memory discovery (Visual/Informational)**
 - Then Echoic memory, a phase coined in 1967 by Ulric Neisser (4-20 seconds)
- **Clive Wearing, Musician, 1938-, 1985 anterograde and retrograde amnesia caused by Virus**
 - <http://www.youtube.com/watch?v=Vwigmktix2Y> (0 to 2 mins)
- **Christopher deCharms, Neuroscientist, rtfMRI**
 - http://www.ted.com/talks/christopher_decharms_scans_the_brain_in_real_time.html (0:56 to 3:30)



The Conscious and Sub-Conscious Mind?



The Conscious and Sub-Conscious Mind?



Memory Development and Growth

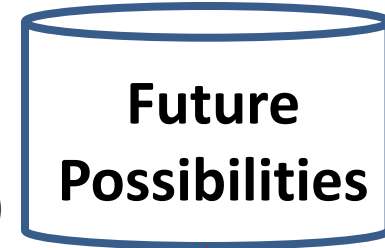
“Caveman’s World in Mind”



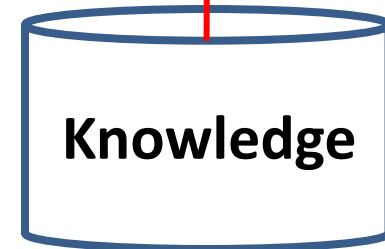
Imagined and
Unrealized Possible Pasts
(A projection of our Knowledge)

Repeating, Consistent
And Reliable Truths
(A Derivative of Past)

Our Ever Growing
Foundation of Truth
(A Differentiation of NOW)



Days - ?



?



Birth

Now

Senses of Reality (NOW)

Memory Development and Growth

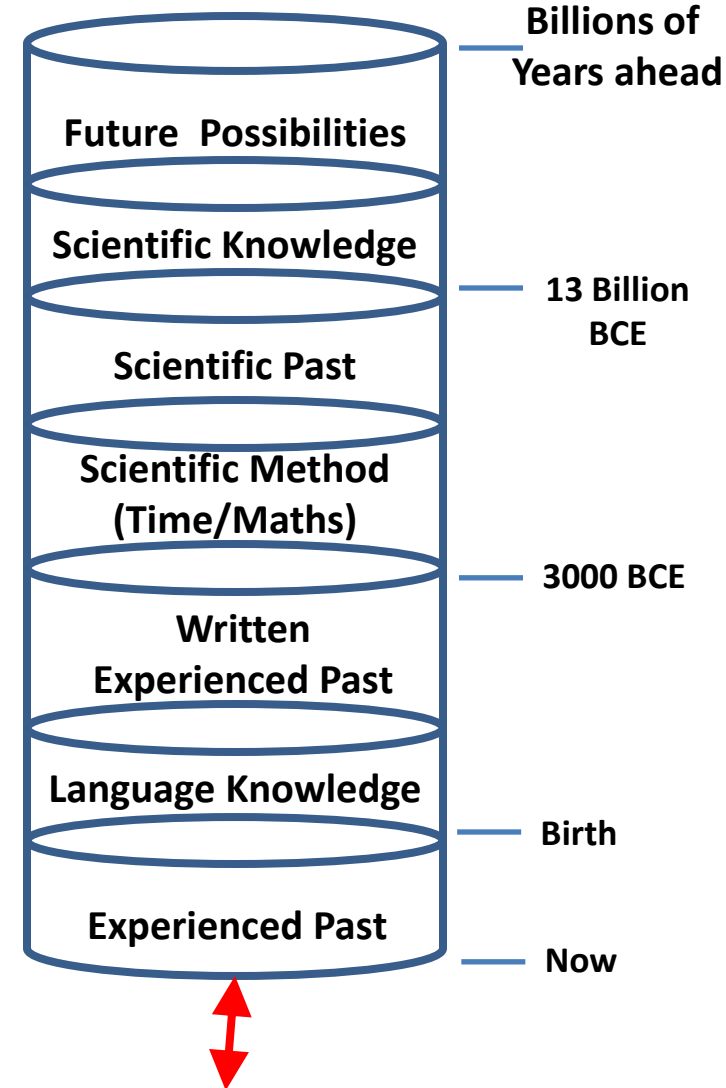
“Modern Human’s World in Mind”



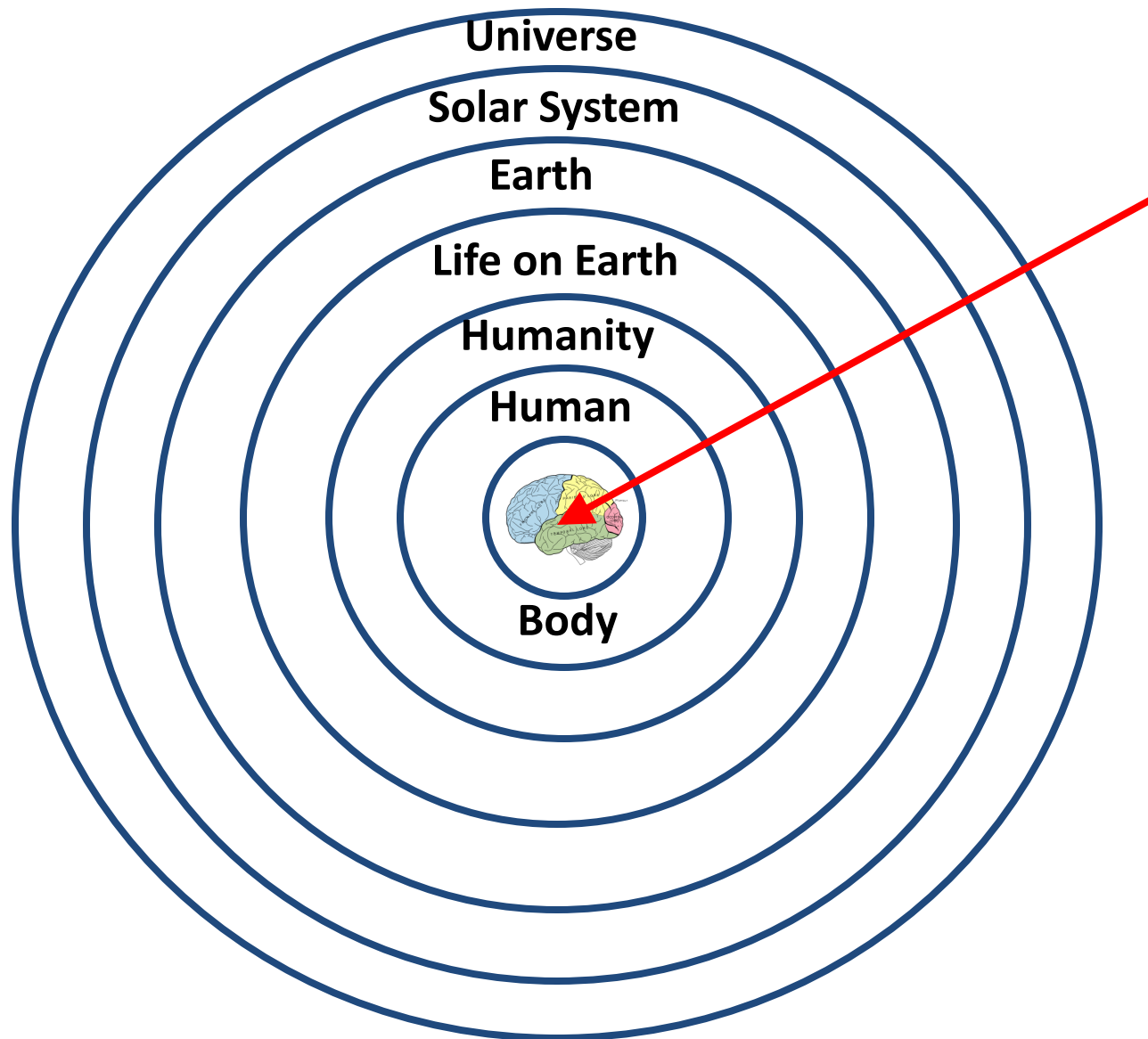
**Imagined and Unrealized Possible Pasts
(A projection of our Knowledge)**



**Our Ever Growing Foundation of Truth and Knowledge
(A Differentiation of NOW)**



Where our World in Mind sits in Reality, ie Now



My Theory of Mind

All the following are formed and exist only within the living memories of our Conscious Animal Brains, to form our world in mind

- The Past = History and Truths (from our senses of reality ie Now)
- Knowledge
- All Possible Futures = predictions/hopes/plans
- Feelings/Emotions
- Time and Money
- All the sciences, arts, humanities and education
- And in fact all subsequent concepts and ideas derived from the above

There is no 4th dimension of time in space, in reality, that exists beyond the mind. The belief in it is a belief in a false projection of our conscious mind and living brain's past and future memories into reality beyond our living brains

Common Values

- **Reciprocity and Cooperation**

- Frans de Waal, Primatologist and Ethologist, “Moral Behavior in Animals (TED Talk)”

- [http://www.ted.com/talks/frans de waal do animals have morals.html](http://www.ted.com/talks/frans_de_waal_do_animals_have_morals.html)

- **Reciprocity – Justice/Fairness**

- Fairness in Monkeys - 13:45 to 16:00

- **Cooperation – Compassion/Empathy**

- Monkeys – 3:30 to 5:30

- Elephants – 6:00 to 8:00

Summary

Core Values

Our Hard Wired Emotional Responses

Common Sense

We all live “in the reality of one 3 dimensional changing Universe”,
or in NOW

Agreed Truths

Our Past – personal experience, written history, scientific history

Shared Visions

“Unrealized pasts” we project and imagine from our pasts, and
then share and then act to realize now

Getting Real

Our entire world in mind exists in our brain

Mindful Lessons

- Our Knowledge and Realistic Future possibilities are built exclusively on our truthful memories of the Past
- When one leaves a safe and secure environment, be sure to know the way back
- Our abilities to bring change are not symmetric (destructive change vs constructive change)

A Better Human Civilization

- Values Beyond Our Worlds in Mind
 - Achieving Personal Physical Health
 - Achieving Environmental Balance
- Values Within Our Worlds in Mind
 - Improving Social Justice - encoding in Law
 - Move to Amend, Benefit Corps, true democracy
 - Effective Economic Systems
 - Cannot account for Future Costs of Waste
 - Discounting money, tracing money

The Essence of Living Well as a Human World in Mind

CONTENT



A Foundation of Knowledge derived from Past Evidence is the ONLY way we intentionally realize Future Possibilities

CONTEXT



We must understand when and how to use the Knowledge we hold in Mind, according to where we are, and the role we wish and are expected to play

A Model of our World in Mind

