

SCIENTIFIC METHOD

THE MARRIAGE OF INTELLECT AND INTUITION

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Scientific method is an approach to observing the world around us and its predominant assumption has been that the viewer is separate from the viewed. This gives rise to an apparent simplicity ---that I am separate and all that I observe goes on without me; my observations have no effect on the outcome. I can watch and not influence; focus my attention, but not interfere; be there but not really. The assumption is that there is no link between the two because if there was, this would interfere with the validity of the results.

This approach of separateness cuts the world into two arenas; one inside and one outside, distinct and never interacting, even though through thought the world is manipulated via our action.

Science has grown in the last 250 years from this billiard ball model of the world to quantum mechanics and quantum theory. Around the beginnings of the twentieth century, science realized that the observer and the observed cannot be separated. This recurring observation of the nature of scientific observation was first verbalized in scientific language by Einstein. He realized that there is no preferred (absolute) referential perspective; no "true" way of measuring-- no perfectly accurate measure of anything--everything is relative. A thing seems to move only with respect to who is viewing it.

From this perspective of less distance and separation than it appears, the goings on are as much a creation of the viewer as they are inherent in the constituents of the viewed. This places tremendous weight on the set up of any experiment, even instruments; extensions of the senses affect the show. Heisenberg's uncertainty Principle states that an electron can be either be a wave or a particle depending on how you set up the apparatus to view it. The experiment set up in most cases structures the results of the investigation. The experimental result includes the intent of the researchers from the beginning; consciously or unconsciously; through attention and desire the outcome is created. It is just what it is -- a set up.

Newer theories of science deal within the microscopic realms of matter and distance; as a result, knowledge of the basic building blocks of the physical universe are hoped to be directly observed and pieced together to explain the larger phenomena of mundane experience. It was quickly seen and predicted that distinctions of all kinds at this micro-scale of observation are hazy at best. Just as distinctions are less distinct when viewed from afar, so are they also less distinct seen extremely close up. Real science as it evolves is shedding the notion that there is any separateness at all.

Distance, time and matter are interchangeable in this newer, more fundamental science of observation. These qualities of distance, time and matter are the building blocks necessary for sensory perception. Our world view is an interpretation of these basic constituents. When these qualities get blurred the intellect no longer has data it can function on in the sensory input fashion. The data at this very fine scale of reality is by nature more potential in waiting, than it is action expressed. As such, the information presented is in a "zipped" form; an energy packet of threads not yet colored-- waiting to be unzipped by the functioning intellect.

A mode of accurately observing pursues truth in the observation process itself, not just in the observer and what is being observed. This quality, in attention on observation itself, augments the commonality between the observer and the observed for both of them to even be included in the same moment of experience. Intuition is the bridge bringing together what otherwise would never touch--that which is outside, with that which is inside. Intuition is knowing the commonality between observer and observed. The intimacy of knowing both camps simultaneously along with our focus of attention strengthens the underlying field of potential and stirs it into discrete avenues of expression, so to speak, in the direction of our intent, conscious or otherwise.

. In this light, the deeper principles governing matter and conscious attention are brought to the surface for deeper evaluation. Intellect observes what is there, intuition make the unobservable connections. Many great scientists describe their "Aha" experiences as a matter of fact knowing. Einstein said "The only really valuable thing is intuition".

. Keen observation (principles awake and lively; intellect and intuition playing together) integrates more of what is seen, allows for greater appreciation, synergetic understanding and consciously adds more to the creative process---associating together what is usually not seen as being together.

This is in contrast to measuring, an action performed by people who claim to be scientists but still assume that they are separate from what they are measuring.. Measuring can thus never reveal the truth of anything because the separation between observer and observed is an apparent one; ever does the observer endlessly create anew by shear attention. From a point of separateness (observation value almost nil, "All that I see I do not affect") intellect and intuition are indeed isolated, very different and unwilling to come together.

This approach of science devoid of intuition is still quite prevalent in the world today, as intuition is not a valued part of experience in our society. Lower scientists (would be measurers, as it is less inclusive) set out not to seek truth, but to justify their original supposition through manipulating physicality to produce the wanted end.

This mask of the truth of the laboratory coat without intuition gives rise to the strength and conviction behind most of the scientific studies at universities and industries today. It is the common

assumption that by scientifically showing results of scientific studies, that certain implications by association are likely to be true. This type of lower science is a paid exercise in measurement, created to prove a point that the measurers already know and want to make beforehand. It attempts to objectify when it is impossible to do so- in the name of Science.

Why create an elaborate structure to justify a belief? This is done if there is a need to convince others. The "others" might be officials who want proof before something is allowed; or it may be industry that needs to convince others of a product's potency or safety. The scientific method, conscious attention, and allocated resources take an already given intent and clothe it in a garment of supposed objectivity. The ends justify the means, money well spent.

Scientific method at its best is a wonderful mode of creating intellectual models that help us expand our knowing into the uncharted frontiers of exploration. Quantifying growth happens after experiencing growth. Structuring progress helps others, but remains behind the leading edge of knowing. Measuring is structured separation, physicality is concretized expansion of the intellect/intuition union. The only comfort measuring can give is in the showing of how much is already there; it can never deliver to us what lies beyond. Do not mistake the model for what lies beyond it. The intellect alone can only know another model.

"(Science) is the attempt at a posterior reconstruction of existence by the process of conceptualization."

"(Science) seeks to reduce the connections discovered to the smallest possible number of mutually independent conceptual elements." Albert Einstein

Intuition is an essential part of science--without intuition, science is dead; it is but the rehashing of old ideas in different measuring contexts. This is selling stale wares of intellectual isolation, over baked by an intellect without a friend. This union of intellect/intuition is the infinite dynamic field of singularity from which potentiality waves and crests into thought, form and physical structure. Thought grounded in this ubiquitous matrix maintains creativity and insight beyond the thought structures prevalent of the time. Intellect and intuition together serve as refreshers and pioneers of current thought; gathering existing thought and driving it beyond the contemporary agreed upon limitations. This marriage of sorts keeps stable and liquid the juice that awareness and experience are made of. This enables life to be flexible and stable simultaneously, giving breath and movement to inert matter. This sharing of focus to breath and expansion to matter is intuition intellectually awake, "intelluition".

"Where the world ceases to be the scene of our personal hopes and wishes, where we face it as free beings, admiring, asking and observing, there we enter the realm of Art and Science." Albert Einstein

Medicine (Art and science) provides an expansive arena for the display of this "intuition". Healing through diagnosis and treatment always involve intellect and intuition in some combination, this volley of ideas and scenarios accounting for the implications and ramifications of the healing intent are calculated by the healer, resulting in a falling back on the best course of action. When medicine becomes too cookbook and over-regulated the remedies used, along with their intent are too stiff to filter down to the origins of imbalance. The disease is seen from eyes too separated from the deeper nature of the disorder; taking into account only the crude (the already separated); the intellect totally dominates the scene.

Intuitive perusal without an active intellect quietly in the background moves too fast to allow for extraction and "unzipping" of the intuitive information. This pre-information is still amorphously bound, non-concrete, not yet quite in forms the physical senses can register clearly. This is the pre-structural form; it is there, yet still fuzzy in its generic non-form.

The intellect is needed to crystallize the pre-information and bring it out in the particulars of diagnosis and treatment. This process starts in pre-linguistic based thought, passes through linguistically based thought and is expressed as thought, speech or action.

As long as the intellect and intuition serve each other, the art and science of medicine remains healthy and true; compassionate and effective for both the healed and the healer. Without this union healing becomes stale or frivolous, rigid or flighty; in either case ineffective, frustrating, isolated, weak and unfulfilling for all concerned.

More accurate diagnosis and treatment does not require more facts or fancies, but a free exchange of intuition and intellect from one form to another in the field of our conscious attention. There in the playing ground of our thoughts and feelings, the joyful dancing duo will make the music that will sing to us and remind us of a most proper course of action to allow the healing to flow to those around us who want it.

The beauty and truth of this kind of healing, is that the beneficial results fall both in the camps of intellect and intuition while both claim the results as their own.

"The finest emotion of which we are capable is the mystic emotion. Here in lies the germ of all art and science. Anyone to whom this feeling is alien, who is no longer capable of wonderment and lives in a state of fear is a dead man."

- Albert Einstein