An Address to Hillsdale College, 2019

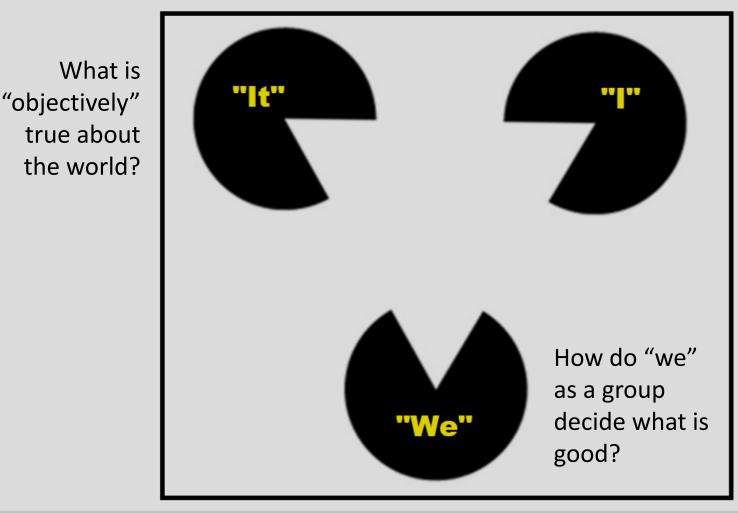
# Behavior, Spirit, and Morality

#### Toward a Theory of Knowledge and Wisdom in the 21<sup>st</sup> Century



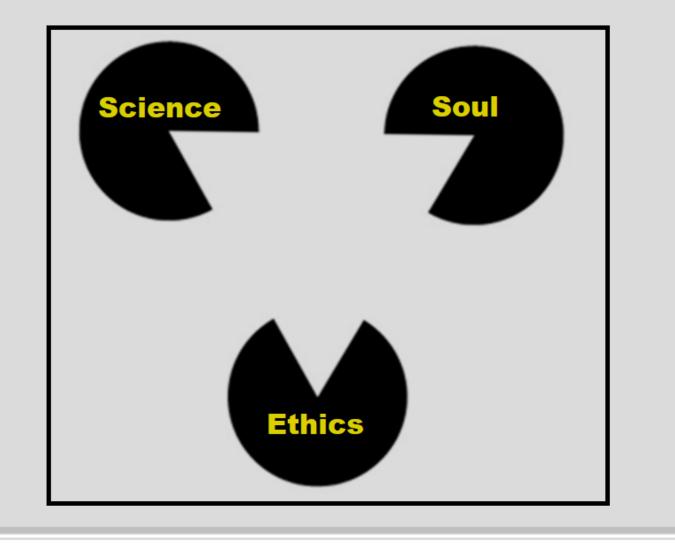
Dr. Gregg Henriques Professor of Psychology henriqgx@jmu.edu

### Three Domains; Three Core Concerns

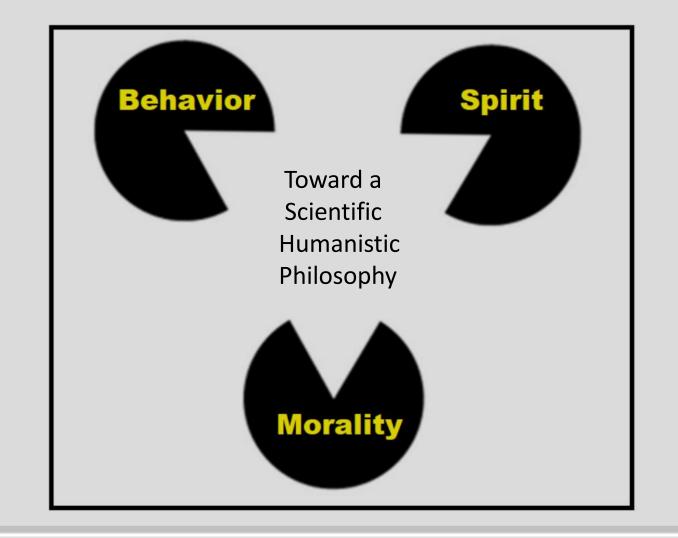


Who am "I" as a person? What is my life about?

### Three Domains; Three Core Concerns



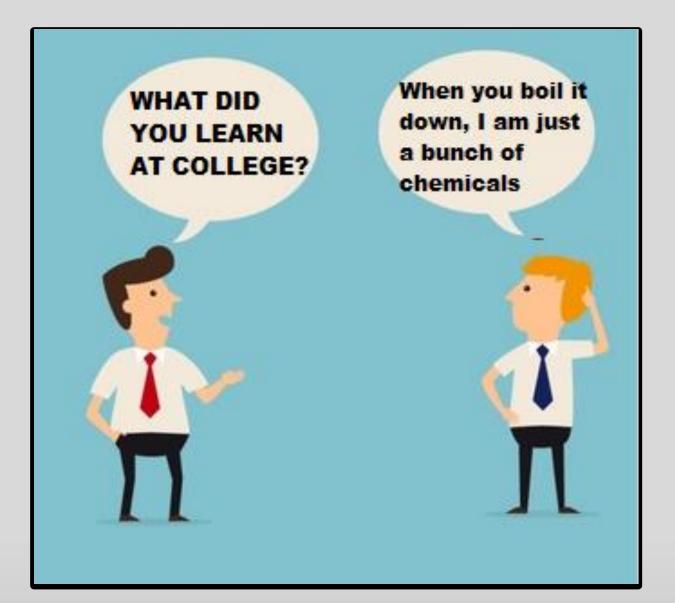
## Three Domains; Three Core Concerns



### A Central Thesis:

In the 20th Century, a conception of "modern science" emerged that was experienced to be at odds with foundational "religious concerns" of "spirit" and "morality." Associated with this conflict has been the "postmodern breakdown," such that we no longer have a shared understanding of what is true and good.

This is the modern meaning crisis.



### PART I

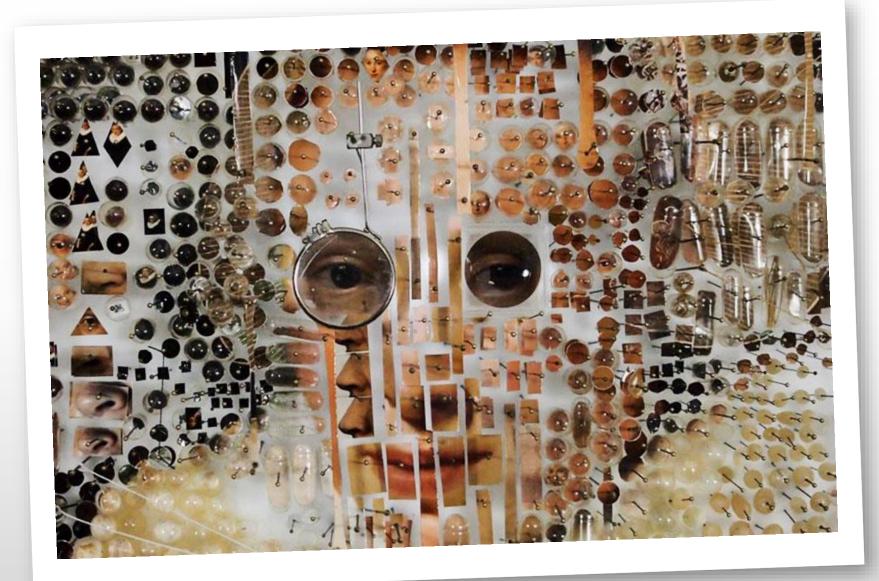
### WHAT IS THE STATE OF OUR KNOWLEDGE?

## WHAT IS THE STATE OF THE ACADEMY?



#### Raphael, The School of Athens

WHAT DOES THE FACE OF THE ACADEMY LOOK LIKE NOW?









And it's mortally corrosive to society

By Christian Smith JANUARY 09, 2018

### From Smith

The manure has piled up so deep in the hallways, classrooms, and administration buildings of American higher education that I am not sure how much longer I can wade through it and retain my sanity and integrity.

Even worse, the accumulated effects of all the academic BS are contributing to this country's disastrous political condition and, ultimately, putting at risk the very viability and character of decent civilization. What do I mean by BS?

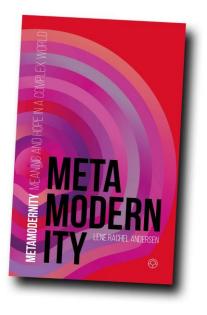
BS is the university's loss of capacity to grapple with life's Big Questions, because of our crisis of faith in truth, reality, reason, evidence, argument, civility, and our common humanity.

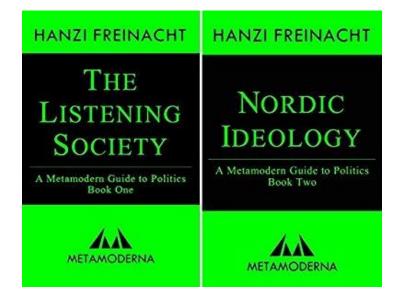
BS is the farce of what are actually "fragmentversities" claiming to be universities, of hyperspecialization and academic disciplines unable to talk with each other about obvious shared concerns...



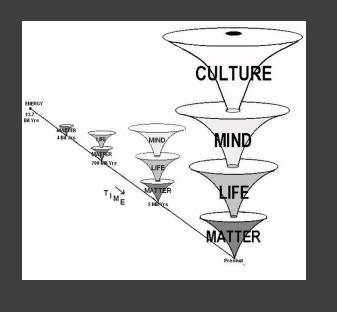
# What is my hoped for face of the future?

A "Metamodern" Integrated Pluralism that fosters a Scientific Humanistic Worldview that connects "is" and "ought" with what can be for individuals and societies Metamodernism: A Sensible Synthesis between Modernism and Postmodernism





The Tree of Knowledge is Grounded in a Metamodern Sensibility



"Metamodernism seeks to cultivate a kind of 'meta-cultural consciousness' that allows for a moral tapestry that weaves together intimacy, spirituality, practical religion, science and self-exploration at the same time. In short, it is about developing a new system of understanding that will function as integrated pluralistic justification system that scales from the individual to the globe."

Henriques, Andersen, Michalski; September, 2019

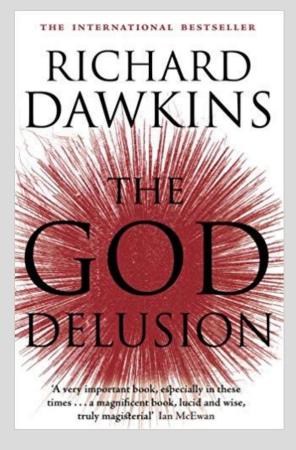
### **Religion versus Science**

(Pre-Modern Formal)

(Modern)



Pierre-Simon Laplace I have no need for that "hypothesis"



### Sciences versus Humanities

(Modernism)

(Postmodernism)



1959 Rede Lecture: "The Two Cultures"

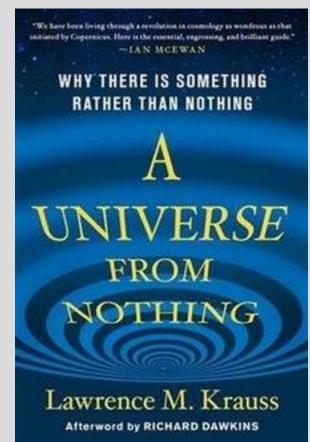
I believe the intellectual life of the whole of western society is increasingly being split into two polar groups. ...Literary intellectuals at one pole—at the other scientists, and as the most representative, the physical scientists. Between the two a gulf of mutual incomprehension sometimes (particularly among the young) hostility and dislike, but most of all lack of understanding.

### Physicist Lawrence Krauss' Update on C. P. Snow's "Two Cultures"

"Snow's vision has gone unrealized....

"Until we are willing to accept the world the way it is, without miracles that all empirical evidence argues against, without myths that distort our comprehension of nature, we are unlikely to bridge the divide between science and culture and, more important, we are unlikely to be fully ready to address the urgent technical challenges facing humanity."

Krauss, L. (2009) Scientific American



### My Questions in Reply to Krauss..

- But what "is the way the world is"?
- What if myths help us make sense of the world and give us purpose and connection?
- What about the fact that the coherence of science breaks down at the *problem of psychology*? Does physics have the answers?
- What if the most urgent challenges are "spiritual" in the sense of meaning making (versus nihilism and alienation)? What if the idea that we "just" material machines is part of the problem?
- More broadly, what exactly *is* the current situation we find ourselves in and what *ought* to we do about it?



## Age of Confusion...(2015)

Daily mass shootings, an epidemic of affluent kids killing themselves, skyrocketing rates of depression and anxiety treated with pills and myths about brain diseases, dramatic increases in working class white mortality rates due to drugs and suicide, massively uncertain economic patterns, a crumbling national infrastructure, a deeply troubled educational system, deep-seated culture wars with entrenched and diametrically opposed views on guns, God, abortion, climate change, inequality, and the role of government, a broken political system fueled by hyper-partisanship, gerrymandered districts, and a damaging 24/7 news cycle and social media sound bites.

### The Digital Identity Problem Consists of Four Great Crises in the 21<sup>st</sup> Century

- 1. The Techno-Environmental Crisis
  - Climate change, resource depletion and mass extinction, and weapons of mass destruction
- 2. The Digital-Globalization Crisis
  - The digital world is changing everything
- 3. The Mental Health Crisis
  - We are seeing increases in mental health problems, especially in our youth
- 4. The Meaning Crisis
  - We are deeply confused and conflicted about what is real and good

### PART II

The Problem of Psychology and the Tree of Knowledge System

### My Professional Background and Dilemma

- I considered psychology a science and thus, as a scientist, I needed to be grounded in a scientific understanding.
- As a clinician, I was a healer, working with real people with real problems. I had a clear ethical goal to reduce mental suffering and improve well-being.
- Driven by a need for coherence, I longed for a scientific worldview that could ground my professional practice.
- The problem of psychology meant there was no such thing.
- Ultimately this led to Tree of Knowledge System

## The Problem of Psychology

Unlike physics, which is the science of energy and matter, and biology, which is the science of life, psychology exists as a fragmented "collection of studies".



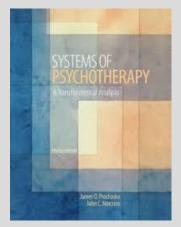
## The Field of Psychology is a Jungle Place

#### Psychology

- Lacks a clear definition
- Lacks a clearly defined subject matter
- Struggles with its fundamentally identity (natural versus social science; science versus profession)
- Consists of many overlapping, competing mid-level paradigms that, when put together, generate a buzzing mass of confusion



### As is the domain of Psychotherapy:



- The field of psychotherapy is enormously fragmented and staggered by over-choice.
- In 1959, 36 distinct systems
- In 1976, 130
- Today, over 500 (Prochaska & Norcross, 2014)



### Scientific vs Humanistic Tensions

- Scientific
- Objective
- Material
- Tough Minded
- Descriptive-Explanatory
- Analytical
- Data Driven

#### Problems

 Scientistic, Simplistic, Weak on Idiographic Responsivity; Authoritarian

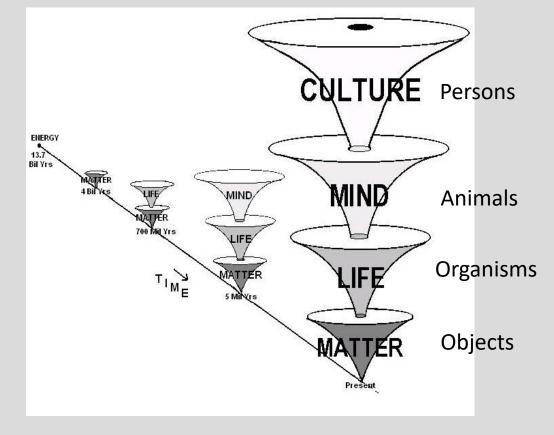
- Humanistic
  - Subjective
  - Phenomenological
  - Tender Minded
  - Creative-Expressive
  - Moral
  - Experience Driven

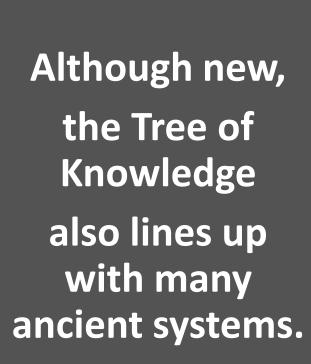
#### Problems

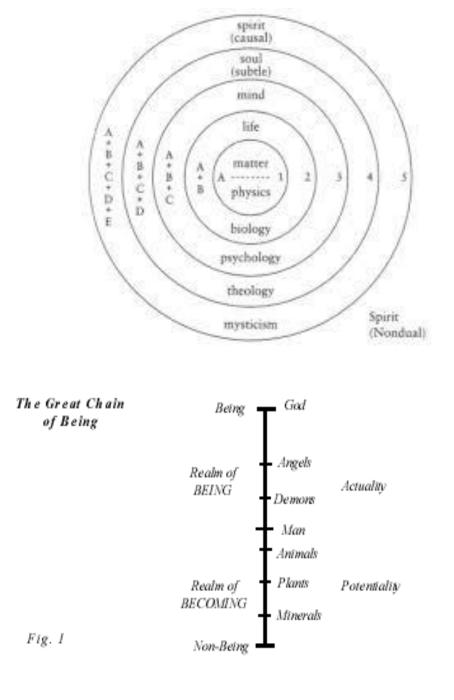
 Fuzzy, chaotic, unfalsifiable, soft, 'anything goes'

### Enter the Tree of Knowledge System

A New Map of the Evolution of "Behavior" as Four Separable Dimensions

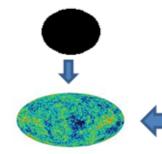






#### Tree of Knowledge

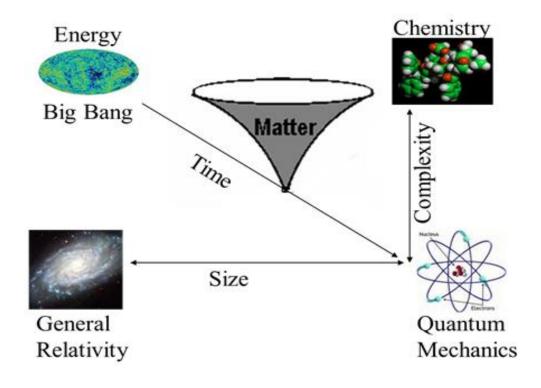
The BIG BANG is the FIRST CAUSE... In the begining there was a pure energy singularity...



Cosmic Microwave Background Radiation from the Big Bang

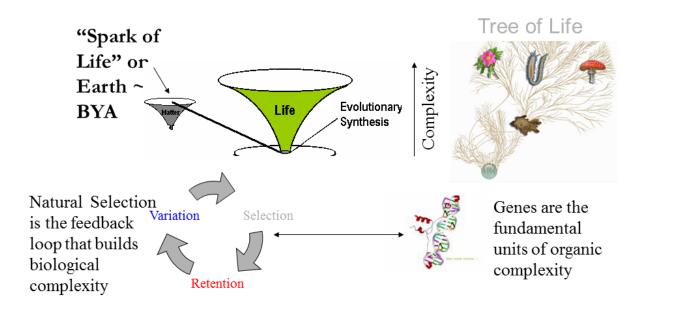
The Big Bang gives rise to the first dimension of complexity...

### Energy, the Primordial "Atom", and the "Big Beginning"…



### Matter: The First Dimension of Existence (or Behavioral Complexity)

LIFE

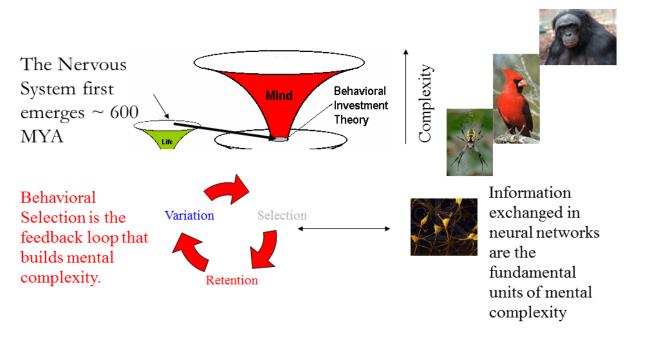


Life:

Biology

The Second Dimension of Existence/ Behavioral Complexity

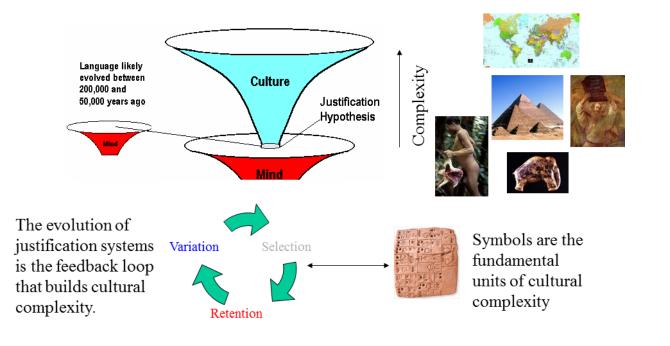
#### MIND



Basic Psychology

"Mind": The Third Dimension of Existence/ Behavioral Complexity

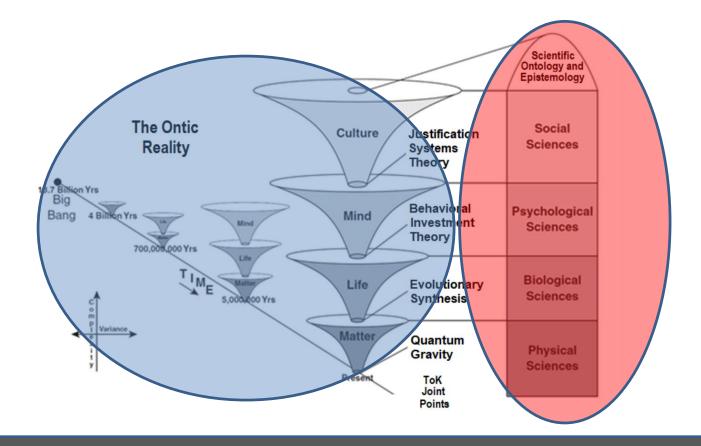
#### CULTURE



Social

Sciences

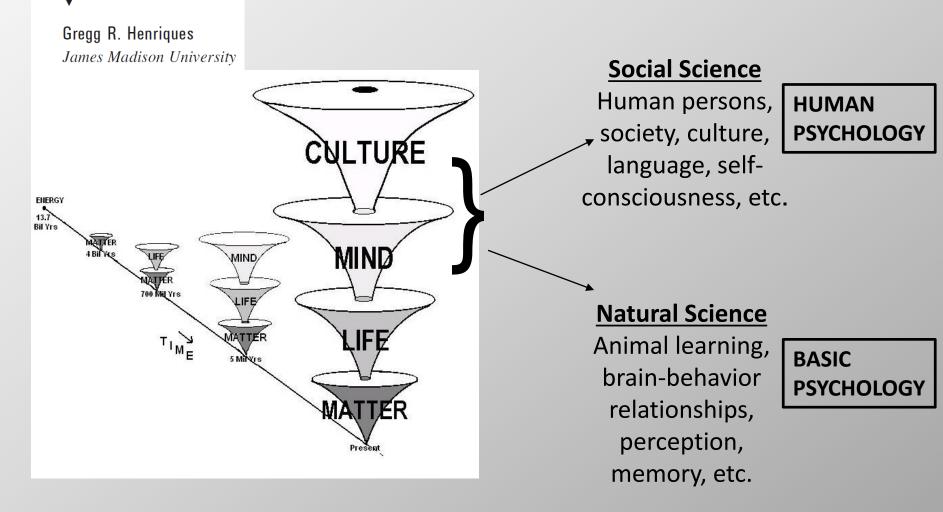
Culture: The Fourth Dimension of Existence/ Behavioral Complexity



The ToK System also depicts how **science** exists in the dimension of culture.

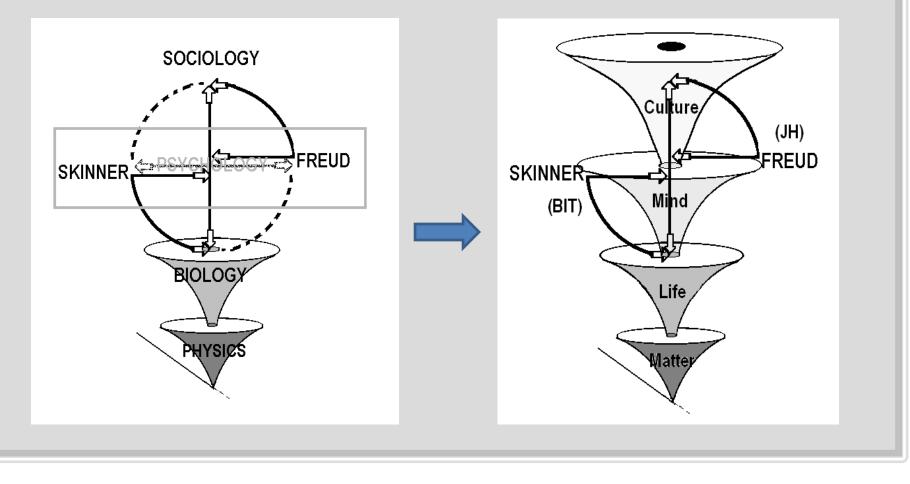
And it shows how scientific theory emerges out of culture and functions to map the four dimensions of reality as different domains of behavioral complexity.

#### "Psychology's Puzzle": It has two different subject matters (dimension of animal mind and cultured person), but is only one science.



**Psychology Defined** 

The ToK System showed how it can solve "the Skinner-Freud Problem" and give rise to a clear vision of the field.



#### A New Map of Psychology

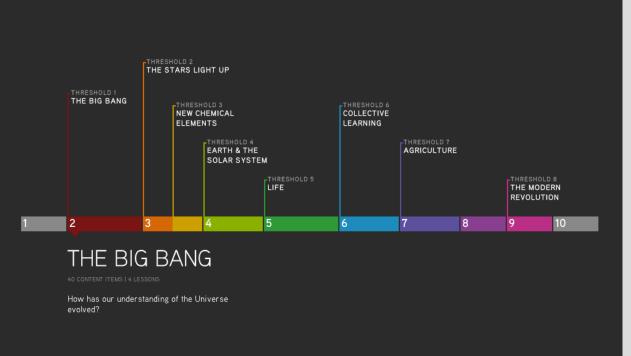
'Relational	Sociology(Above) (Social Science) ~~~~~Anthropology (Hum Beh) <u>Human Psychology</u> <u>Ap</u> Cultural		d Psych		Professional Psychology Clinical Counseling School		
Human Indiv/Relational	Social Personality Human Developmental Human Cognition	l	nd/Org Sport Health orensid	5	Combined Licensed Health Pract.		
Sehavior	Basic Psychology (Basic) Cognitive/Comp. Science Comparative Psychology Behavioral Science	sych	opatho	ology	Ethics, Consultation, Advocacy, Education,		
Brain, Mind, Behavior	Psychophysiology/Psychophysics Behavioral Genetics ~~Ethology /Sociobiology (Ani Beh) Neuroscience (Below) (Natural Science)			Research M Stats, Measur Research	Scientific Worldview <u>Aethods</u> rement,		
	Research Skills						

### PART III

The ToK System: A Big History Map of Science as Mapping Different Behaviors

# Big History Traces the big picture on the dimensions of time and complexity

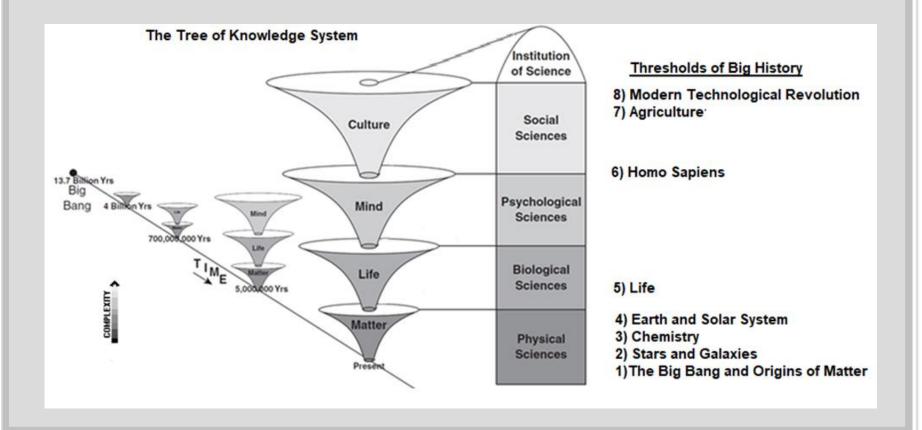




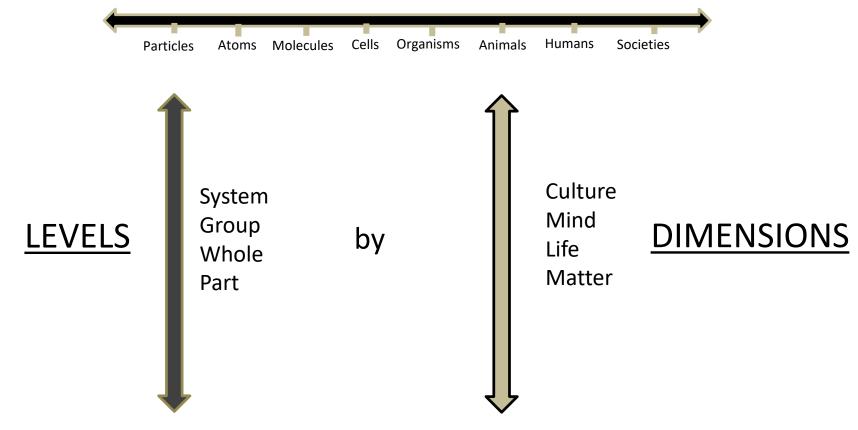
https://www.youtube.com/watch?v=aSG5Ao9rS4I

#### The Tree of Knowledge System: A New Map for Big History

Gregg Henriques James Madison University Joseph Michalski King's University College Steven Quackenbush University of Maine at Farmington Waldemar Schmidt Oregon Health & Sciences University



From the standard single axis of complexity model...



In addition to considering levels of analysis, the ToK also points out that there are different dimensions of behavioral complexity. The ToK gives rise to a Levels by Dimensions view of Behavior, charted in the Periodic Table of Behavior. Why, according to the ToK, are there dimensions in addition to *levels*? And why are there four of them instead of three or five?

Following Matter, new *dimensions of behavioral complexity* emerge because they are associated with a novel information processing system

> Life......genetic system Mind.....nervous system Culture.....human language

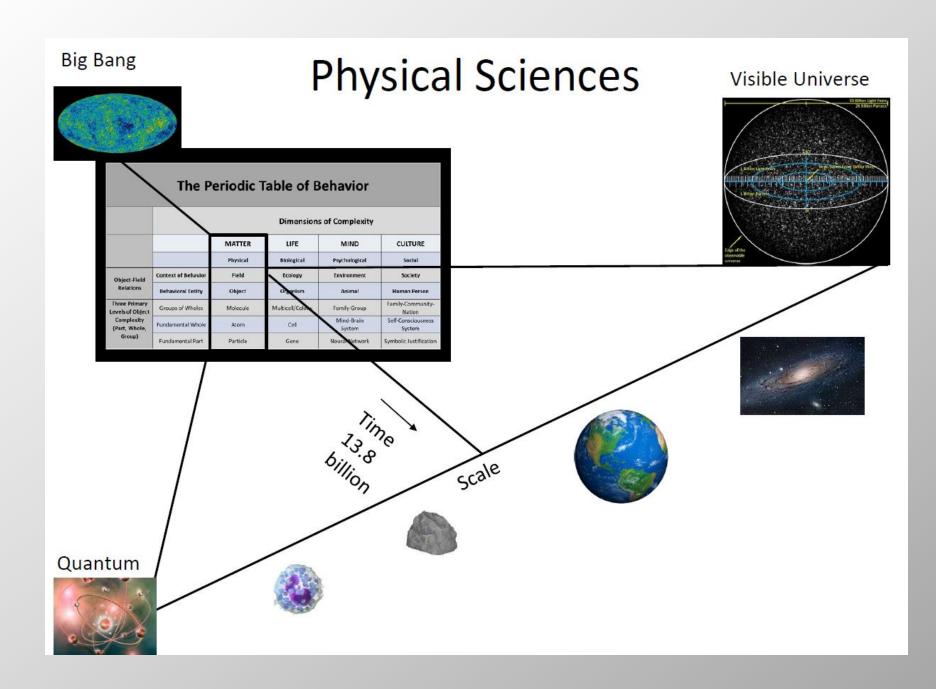
> > This conception gives rise to a...

#### To a new, dual axes map of a Levels by Dimensions view...

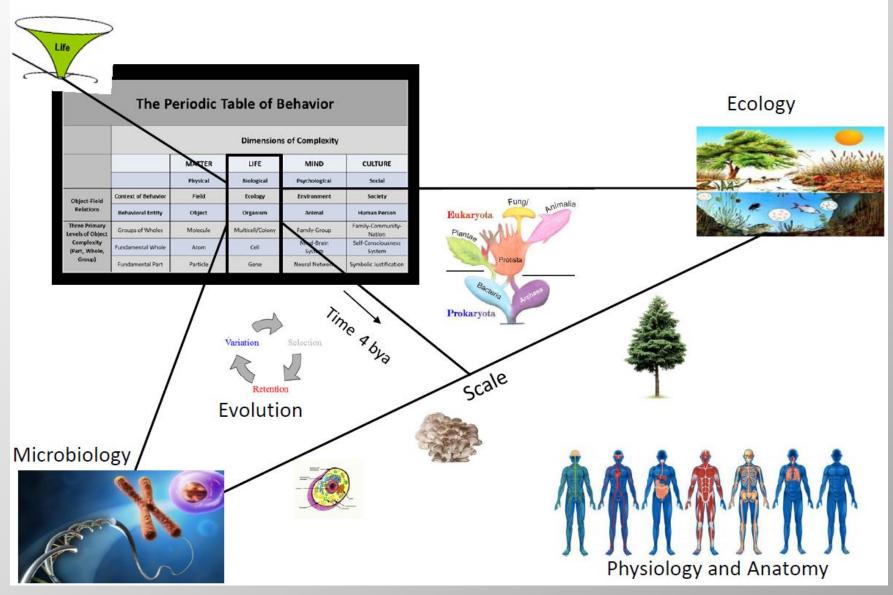
#### **The Periodic Table of Behavior**

Dimensions	of Comp	lexity
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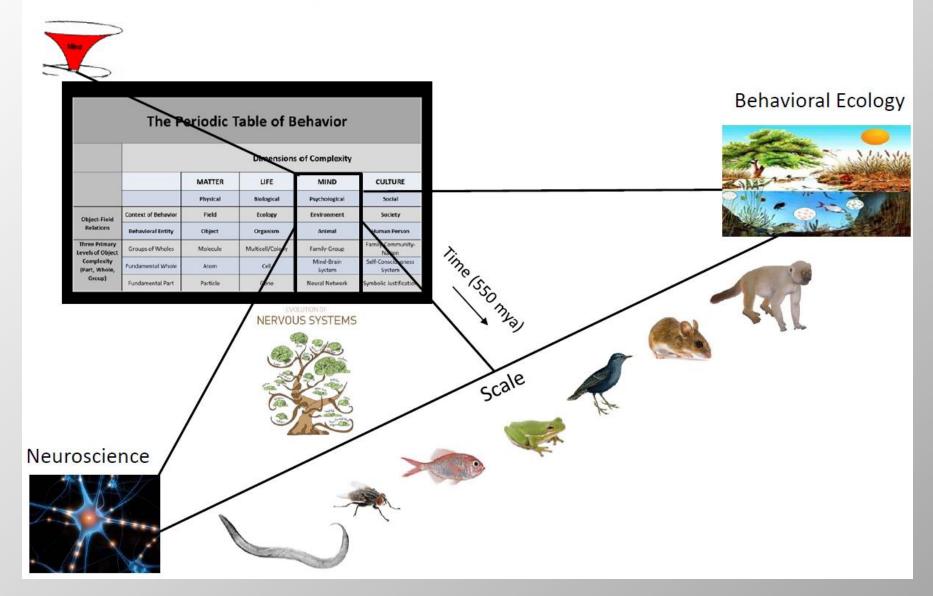
		MATTER	LIFE	MIND	CULTURE
		Physical	Biological	Psychological	Social
Object-Field	Context of Behavior	Field	Ecology	Environment	Society
Relations	Behavioral Entity	Object	Organism	Animal	Human Person
Three Primary Levels of Object	Groups of Wholes	Molecule	Multicell/Colony	Family-Group	Family-Community- Nation
Complexity (Part, Whole,	Fundamental Whole	Atom	Cell	Mind-Brain System	Self-Consciousness System
Group)	Fundamental Part	Particle	Gene	Neural Network	Symbolic Justification

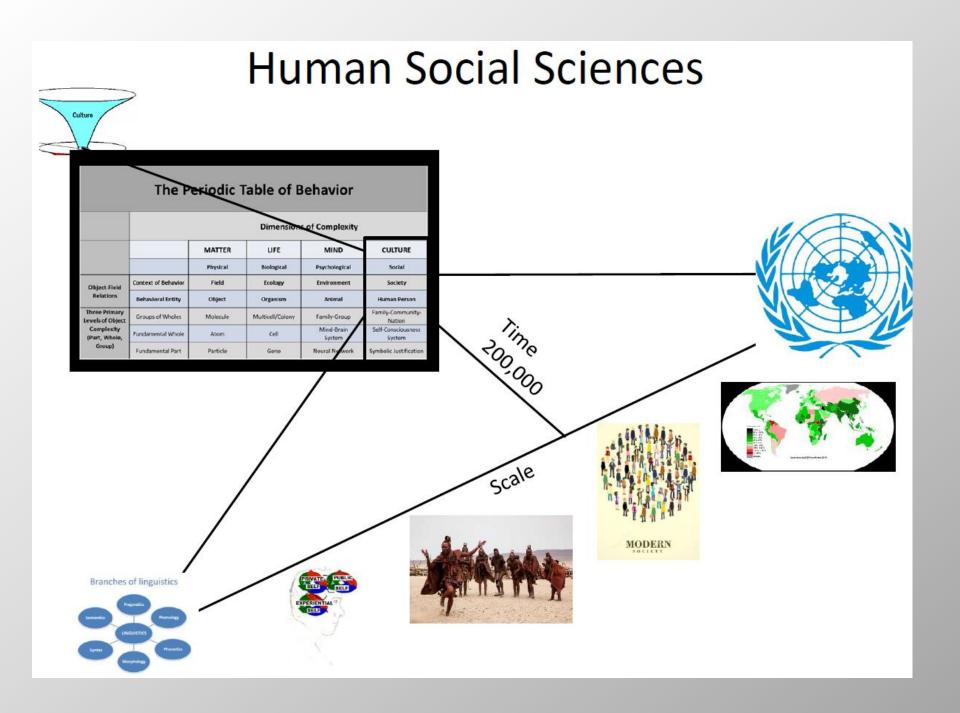


### **Biological Sciences**



### Mind, Brain, Animal Behavior Sciences

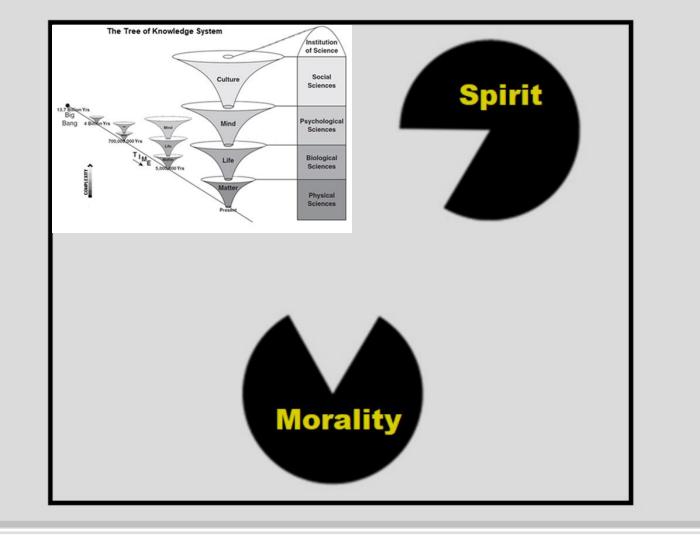




## PART IV

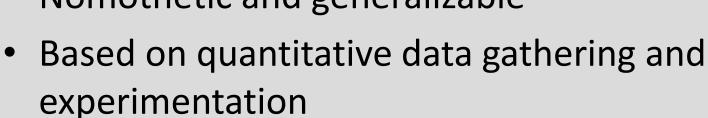
**By Effectively Mapping** the domain of Science/Behavior, We Can Now Identify the "Extra-Scientific" Domains of "Spirit" and "Morality"

### The ToK offers a new map of Science and Behavior



# The "Language Game" of Science

- Third Person, "Exterior" view
- Objective, accuracy based
- Key concept is behavior
- Nomothetic and generalizable



- Theory of reality
- Strives to factor out subjective and moral values



# The (Naturalistic) Language Game of the Soul/Spirit

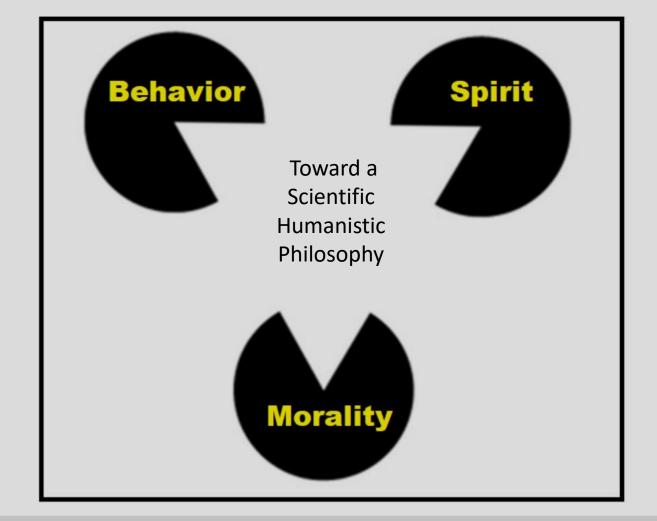
- First person, interior epistemological perspective
- Subjective
- Key concept is "phenomenology"
- The form of your "unique and particular" life; your "idiographic" experience of being
- Based on qualitative experience
- Defined by "lived, actual reality"
- Your soul is your everyday "lifeworld"; your spirit is your "transcendental calling" to engage in your "ultimate concern", your "lifequest"

# The Language Game of Morality

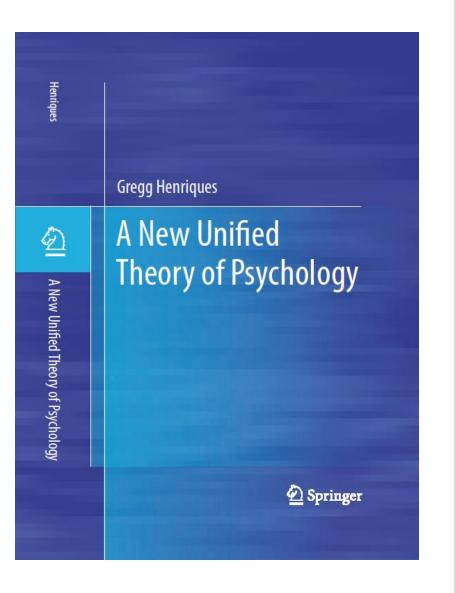
- Second person, socially constructed epistemological perspective
- Intersubjective
- Key concept is morality or ethics
- The shared sense of right and wrong
- Based on relationships and notions of "ultimate good"
- A universalist relational conception of humanistic values



## Developing Commensurate Language Systems Across the Three Domains







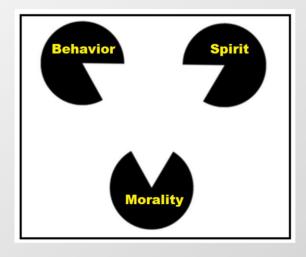
#### The Ending

I strive to be that which enhances dignity and well-being with integrity. I have found that whether I am teaching, being with my family, challenging those who do not see the world as I do, working on the unified theory, conducting psychotherapy, or even struggling with my own issues, I can use this ultimate justification as a quide. I can even conceive of it in a fairly objective, scientific way. To put it in social engineering terms: Can we construct societies that tend to enhance dignity and well-being with integrity? This hypothetical moral imperative is offered here at the end of the outline of the unified theory to clarify the foundational grounding of my scientific humanistic worldview so that the nature of the fifth joint point as I envision it might be understood.

### LET'S WORK TOGETHER TO FOSTER WELL-BEING AND MINDFUL SOLUTIONS IN THE 21<sup>ST</sup> CENTURY



### **THANK YOU FOR YOUR ATTENTION**



# **Questions?**



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