

Growing Up Human

Medical Miracles, Eugenics in the 21st Century
A Clarion Call to the Consciousness Soul



By Andrew Linnell

Leading Questions

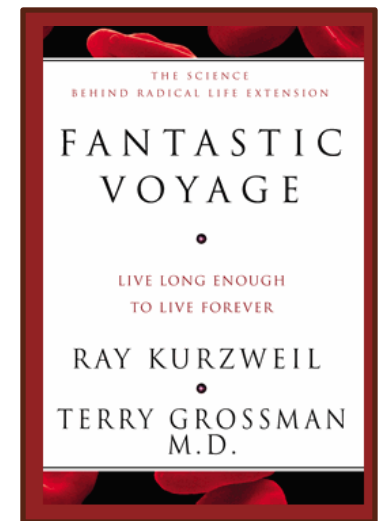
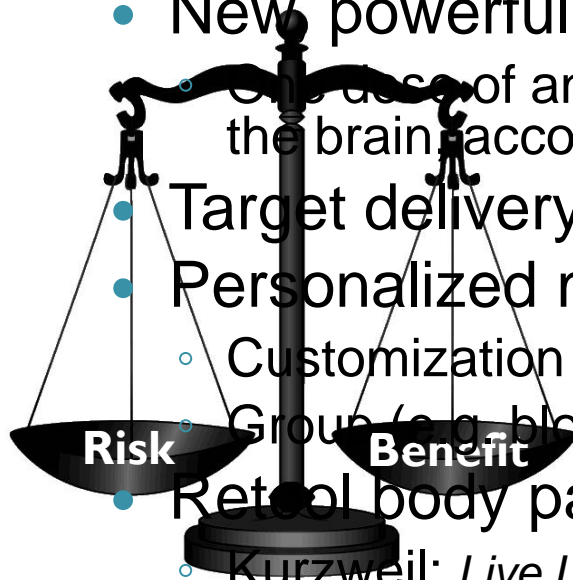
1. Can we improve our lives, our world through genetic modification?
 - Plants
 - Animals
 - Humans
2. Are there people who are unable to make life decisions?
 - If so, who should make such decisions?

Leading Questions

3. Does anyone believe it is wrong for an individual to try to improve their being?
4. Is it wrong to try to improve society?
5. Is eugenics = to trying to create better individuals and a better society?
 - Or, = to trying to rid our world of disabilities and disease?
6. Does imperfection, disease, even suffering have an evolutionary role?
 - If so, what's the morally right thing to do?

Modern Medicine Directions

- When the benefits outweigh the risks
 - Some may be sacrificed (but worth it for society)
- New powerful psychotropic drugs
 - One dose of antidepressants is all that is needed to rewire the brain according to Time; works within three hours
- Target delivery (via nanobots)
- Personalized medicine
 - Customization by genes
 - Group (e.g. blood type) to individualized
- Retool body parts (like a car) - bionics
 - Kurzweil: *Live Long Enough To Live Forever*
 - Link carbon-humans to silicon-humans
- Proactive: Get it right before birth
 - Engineer out any defects while in utero

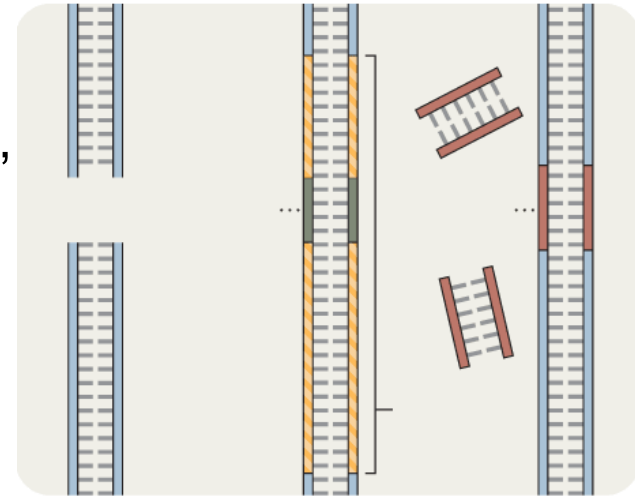


Huntington's Disease

- Affects 3-7 per 100,000 of European ancestry
 - Much less in African Americans and Japanese
 - Passed from parent to child through a defective gene on chromosome #4
- Combating HD: Gene 'Silencing'
 - Aims to reduce the production of the mutant protein that encodes a toxic protein
 - Experiments in mice showed when expression of mHtt is reduced, symptoms improve
 - Safety of gene silencing demonstrated in the large, human-like brains of primates – but will it work for humans of European ancestry?

Do-It-Yourself Eugenics

- “Parents could buy genetic cassettes for their embryos to make them run faster, have a higher IQ, or blue eyes”
- Researchers at Sun Yat-sen University in China, announced that they had used Crispr technology to genetically engineer human embryos
- Contrary to 1997 UNESCO’s Universal Declaration on the Human Genome and Human Rights of humanity
 - Germ-line interventions “could be contrary to human dignity”
 - “The human genome underlies the fundamental unity of all members of the human family, as well as the recognition of their inherent dignity and diversity”
 - “It is the heritage of humanity”



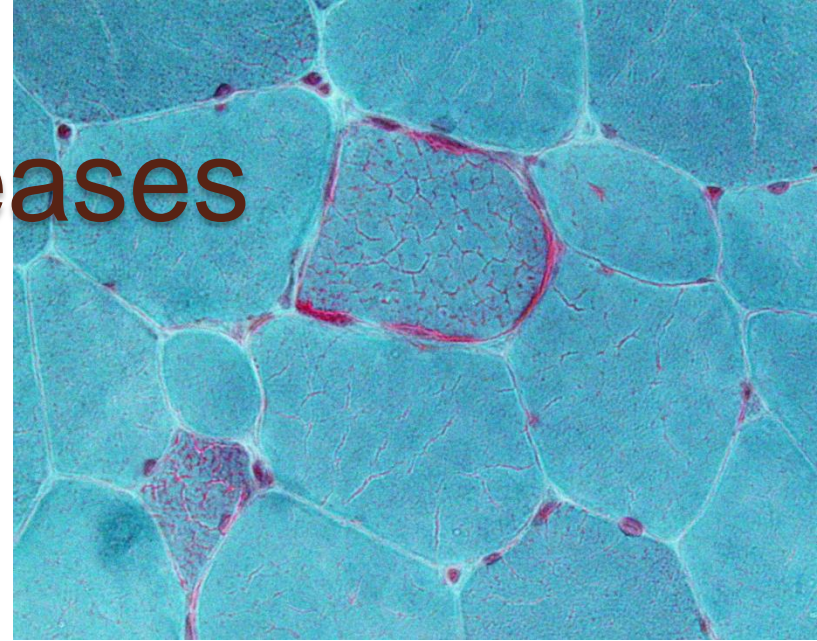
Hereditary Diseases

Progress:

- Huntington's

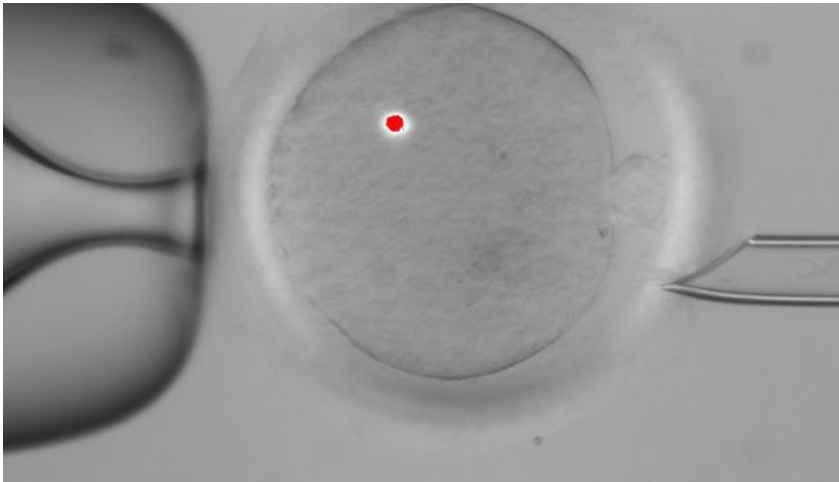
Potential Progress:

- Hemophilia
- **Mitochondrial**
 - Affects cell's ability to convert food to energy
 - Brain, heart, muscles can greatly suffer
 - If I have this, should I have a baby?
 - Pass along one's suffering to a new generation?
 - Or be sterile?
 - To the rescue: 3-parent babies!
 - Eggs from mother and donor taken
 - Father's sperm fertilizes both (in vitro)
 - Nucleus from mother's zygote replaces donor's → womb
 - 30 engineered embryos from 2001 – are now teenagers!



3 Parent Babies Legal in Britain

- Marcy Darnovsky, director, Center for Genetics and Society: This “introduces genetic changes that will be passed down to future generations”
- Jeremy Farrar, director, Wellcome Trust medical charity: “Families who know what it is like to care for a child with a devastating disease are best placed to decide whether mitochondrial donation is the right option for them”



IVF increases the risk of premature birth

In whom is the Christ Impulse?

What's Next?

- Down Syndrome (~90% are aborted)
 - 3 (not 2) copies of the genes on chromosome 21
- Congenital heart defects
- Sickle cell anemia
- Cystic fibrosis
- Spina bifida
- Slippery slope:
 - Designer babies
 - China ([link](#)) 4 groups:
 - Gene editing human embryos



Chimeras (Animal-Human)

- Grow tissue for transplantation: rabbit eggs + human cells
- Grow human organs transplantation: sheep with human stem cells
- Create blood, study viruses: pigs with human blood
- Mice with human livers
 - Study treatments
 - Hepatitis and malaria
- Cow eggs with human cells
 - Cure Parkinson's disease
- Uterine transplantation
 - [Link](#) to NYT article, [Link](#) to Today article



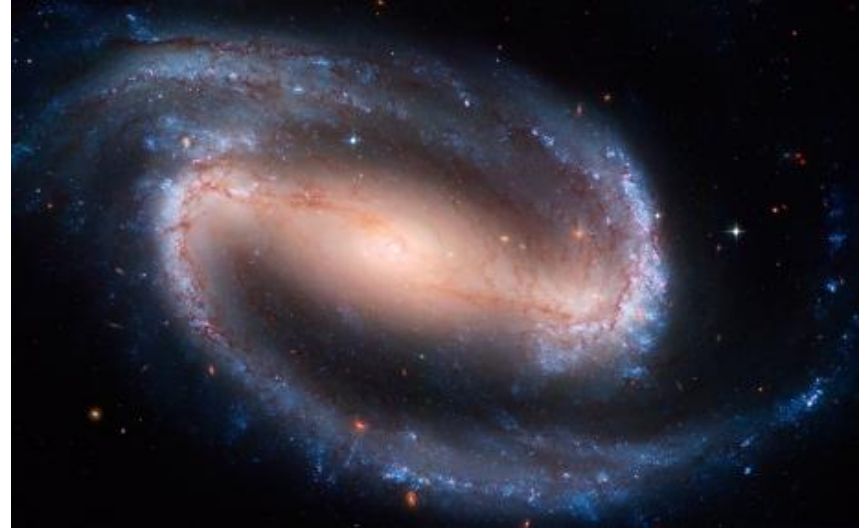
Age Of Paternity, Maternity

- Dr Kevin R Smith, Aberdeen University, writes in the *Journal of Medical Ethics* that society needs
 - Health education to promote earlier fatherhood
 - Incentives for young sperm donors
 - State-supported universal sperm banking
 - Human germline modification
- Dr Smith envisages a society in which 18-year-olds will be asked to bank their sperm in preparation for future fatherhood via artificial insemination
- Likewise, women are choosing motherhood after career is solidified, often mid to late 30s, could freeze eggs
- “Disabled children could eventually lead to a significant burden on the economy and might even decrease the evolutionary fitness of the human race. This makes the age of paternity a serious ethical problem.”
- Source: <http://www.bioedge.org/bioethics/what-the-world-needs-is-young-dads/11467>

Moral Questions

- If someone is suffering, what do we do?
 - Christian impulse
- If we know a baby will be “severely damaged”, should it be aborted? Altered in womb? Altered at/before conception?
- Do we really know what we are doing?
 - What if problems don’t manifest for 30 yrs?
 - What if we are slightly weakened by each?
- Free someone in a biological prison?
- Is there a role for illness? Suffering?

Consider what is similar today
Could you have been a eugenicist?



EUGENICS

If Darwin is right,
then eugenics is too

Or embryology and
the study of the stars

e.g. Tycho de Brahe



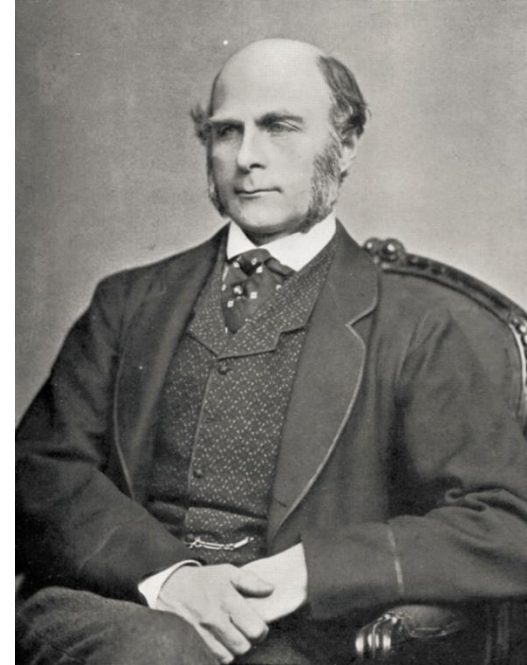
Rev. T. Robert Malthus



- 1766 –1834 English cleric and scholar
 - Member of the Royal Society
- *An Essay on the Principle of Population:*
 - Population is necessarily limited by the means of subsistence
 - Invariably increases when the means of subsistence increases
 - **Population multiplies geometrically and food arithmetically**
 - Actual population kept equal to the means of subsistence by misery and vice
- The situation is divinely imposed to teach virtuous behavior
- Sooner or later the population will be checked by famine and disease, leading to a catastrophe
 - *Positive*: raise the death rate; *Preventive*: lower the birth rate
- Dangers of population growth preclude progress towards a utopian society
 - "The power of population is indefinitely greater than the power in the earth to produce subsistence for man"
- Influenced Charles Darwin, economists, politicians, scientists

Francis Galton

- Considered the father of modern eugenics
- 1883: *Inquiries into Human Faculty and Its Development*
- Half-cousin of **Charles Darwin**
- Coined the word *eugenics*
 - *eu* (well) + *genēs* (born)
- Convinced that the racial quality of future generations will improve via eugenics



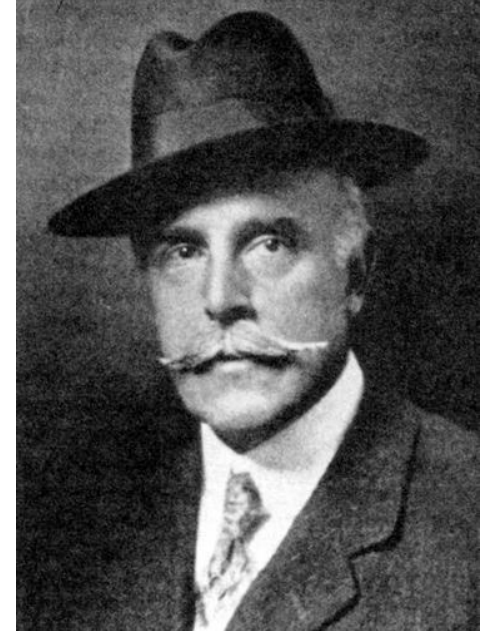
Karl Pearson

- Protégé and biographer of Sir Francis Galton
- Biometrics, meteorology, statistics, & social Darwinism
- “Eugenics falls into the field of medicine”
- 1879: Attended University of Heidelberg
- Opposed UK immigration of Jews as “parasitic race”
- Proponent of eugenics: "No degenerate and feeble stock will ever be converted into healthy and sound stock by the accumulated effects of education, good laws, and sanitary surroundings. Such means may render the individual members of a stock passable if not strong members of society, but the same process will have to be gone through again and again with their offspring"



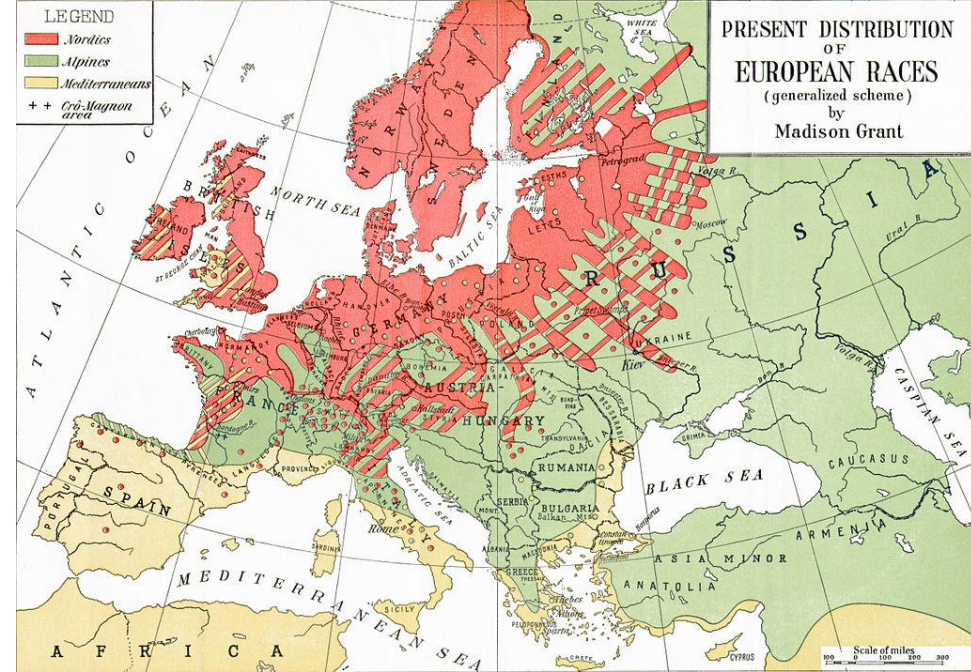
Madison Grant

- Known for Scientific Racism
- Racial Hygiene
 - 1916: *The Passing of the Great Race*
- Recommended segregation
 - Ghettos for "unfavorable" races
 - Expansion of non-Nordic race types in the Nordic system of freedom would result in slavery to desires, passions, and base behaviors for all
- Such corruption of society leads to the subjection of the Nordic community to "inferior" races
- 3 root races: Caucasoids, Negroids, Mongoloids
- Played an active role in crafting strong laws restricting immigration and racial interbreeding



Who Else?

- Teddy Roosevelt
- Winston Churchill
- Linus Pauling
- H.G. Wells
- John Maynard Keynes
- George Bernard Shaw
- Alexander Graham Bell
- Margaret Sanger, ABCCL→Planned Parenthood
- John Harvey Kellogg
- Many of the great minds of the time



International Eugenics Congress

The First International Eugenics Congress took place in London on July 24–29, 1912

- Organized by the British Eugenics Education Society with **Major Leonard Darwin, the son of Charles Darwin**, presiding.
- 400 delegates included Winston Churchill, First Lord of the British Admiralty, Lord Alverstone, the Chief Justice, Lord Balfour, the ambassadors of Norway, Greece, and France, plus the American Breeders' Association
- Principles of better breeding procedures for humans would require moral courage: **compulsory sterilization** as the best method to cut off “defective germ-plasm”
- In the final address, Major Darwin **extolled eugenics as the practical application of the principle of evolution**

The 2nd Congress met at the American Museum of Natural History in NYC on September 25–27, 1921

- Henry Fairfield Osborn presiding. **Alexander Graham Bell** was the honorary president
- The State Department mailed the invitations around the world because of American leadership - 41 out of 53 scientific papers - the work of the eugenicists disrupted by World War I in Europe was to resume.
- Major Darwin, advocated eugenic measures that needed to be taken, namely the **"elimination of the unfit"**, the discouragement of large families in the "ill-endowed", and the encouragement of large families in the "well-endowed"

International Eugenics Congress

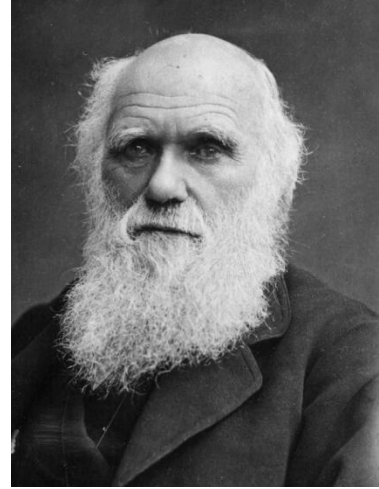
The 3rd Congress met at the American Museum of Natural History in New York City August 22–23, 1932

- Dedicated to Mary Williamson Averell (the Bill Gates of 1930) who had provided significant financial support
- Osborn's address emphasized **birth selection over birth control** as the method to better the offspring
- F. Ramos from Cuba proposed that immigrants should be carefully checked for **harmful traits**, and suggested deportations of their descendants if inadmissible traits would become later apparent
- Ronald Fisher predicted the **doom of civilization unless** eugenic measures were implemented
- Ernst Rüdin was unanimously elected president of the International Federation of Eugenics Organizations (IFEEO)

A 4th International Eugenics Conference was not convened

- The IFEEO held two more international meetings in 1934 and 1936
- After 1933 the Nazi government implemented eugenics according to these recommendations
- With 1933 Law for the Prevention of Hereditarily Diseased Offspring, **process to rid society of "the unfit"** was initiated

Charles Darwin (1809-1882)



- *Origin of Species, The Descent of Man*
 - Chapter “The Races of Man”, 1871
- “At some future period not very distant as measured by centuries, the civilised races of man will almost certainly exterminate and replace the savage races throughout the world. At the same time the anthropomorphous apes...will no doubt be exterminated. The break between man and his nearest Allies will then be wider, for it will intervene between man in a more civilised state, as we may hope, even than the Caucasian, and some ape as low as the baboon, instead of as now between the Negro or Australian [aborigine] and the gorilla.”

Spiritual Science View



- Contemporaneous to Steiner
- Rudolf Steiner's definition:
 - "By the eugenic capacity I mean
the removal of the reproduction of human beings from the sphere of mere *arbitrary impulse and accident*."
- "Among the peoples of the East there will gradually develop a brilliantly clear knowledge as to how the *laws of population*, the *laws of peopling* the earth, must run parallel with certain *cosmic phenomena*."
- [Eastern way and a Western way of eugenics]
- From this information they will know that, if conception is brought about in accord with certain constellations of the stars, opportunities will thus be given for souls that are either good or evil in their natures to obtain access for earthly incarnation." *Rudolf Steiner, 1918*



Can Eugenics Go Wrong?

- “This knowledge, which will make it possible to bring down from the heavens the impelling forces **for the moralizing or demoralizing** of the earth through the nature of man himself, this special capacity evolves as a continuation of the blood capacity in the races of the East.
- “What evolves as a capacity there I call **eugenic occultism**. This...capacity...will prevent the evolution of humanity as regards conception and birth from taking its course according to arbitrary impulses, and more or less accidentally.”
 - Rudolf Steiner, *The Challenge of the Times*

American Eugenics

Concepts:

- Poor because of *bad* genes
- *Sterilize* the poor and undesirables



American Eugenics

- Promote desirable genes
- Exclude undesirable



Eugenics in Education

- HS and college textbooks from 1920s through 1940s had chapters touting the scientific progress from applying eugenics
 - When eugenics fell out of favor after World War II, most references to it were removed from textbooks
- 1896: Connecticut enacted marriage laws with eugenic criteria
 - Anyone who was an "epileptic, imbecile or feeble-minded" could not marry
 - Many states copied this law
- 1910-1939: the Eugenics Record Office (ERO)
 - Collected hundreds of thousands of pedigrees to show the heritability of "criminality," epilepsy, bipolar disorder, alcoholism, "feeble-mindedness"
 - Catchall term to describe varying degrees of mental retardation and learning disabilities
 - Founder Charles Davenport focused on "terminating the bloodlines" of the "submerged tenth" of the population with "defective germ-plasm"
- Black academics also supported eugenics suggesting "only fit blacks should procreate"
 - *Journal of American Physicians and Surgeons*, Marilyn Singleton, M.D.

Immigration



- Immigration law of 1924
 - Favored N. European stock
 - 70% restricted to those from UK, Ireland, and Germany
 - “America should be kept American” Coolidge
 - *Restricted* immigration of Southern Europeans, Eastern Europeans, Jews, and *prohibited* the immigration of Arabs, East Asians, and Indians
- Hart-Celler immigration law of 1965
 - Ended national-birth quota system
 - Preference for skills
 - Higher preference to relatives of **existing** citizens

Nazis Embrace Eugenics

- California's forced sterilization program - inspiration for Nazis
- 1930s: Rockefeller Foundation helped develop German eugenics programs
- By 1934, in Germany alone more than 5,000 people per month were being forcibly sterilized
- Nuremberg's racial hygiene laws were copies of American Harry H. Laughlin's 1935 Model Eugenic Sterilization laws
 - Laughlin received an honorary doctorate for his work
 - The science of racial cleansing
 - On first anniversary of Hitler's 1934 purge of Jews from the Heidelberg faculty where the ceremony took place
 - Laughlin proclaimed a "common understanding of German and American scientists of the nature of eugenics"
- Law for the Prevention of Hereditarily Diseased Offspring led to the Concentration Camps

Charles M. Goethe



- California eugenics leader
 - Rockefeller Foundation support
 - California once led the world in forced sterilization
- Compulsory sterilization of the 'socially unfit'
- Opposed immigration
- Wrote to a colleague,
 - "You will be interested to know that your work has played a powerful part in shaping the opinions of the group of intellectuals who are behind Hitler in this epoch-making program.
 - Everywhere I sensed that their opinions have been tremendously stimulated by American thought . . . I want you, my dear friend, to carry this thought with you for the rest of your life, that you have really jolted into action a great government of 60 million people."

It's No Longer Practiced, Right?

- Gattaca: <https://www.youtube.com/watch?v=ZppWok6SX88>
- 2011: [Australia's sterilization of children](#) with disabilities: pg. 135-136
- [Colman Chadam](#), 11, banned from his CA school because he carries the *cystic fibrosis* gene mutation
- C-section births: how does this affect a child's astrological time of birth?
- 11/11/14, India: 8 women died and dozens more are hospitalized. [article](#)
 - Surgical sterilizations by government
 - Tip of the iceberg?
- North Carolina, Virginia, ...



Recent News

- BBC [reports](#) that 65,000 Americans were sterilized in 33 states, over 8,000 in Virginia through 1980
 - Most were unaware that they had been sterilized
 - Compensation is \$25,000 in Virginia
 - Supreme Court upheld Virginia's Eugenical Sterilisation law 1927
- 10/27/14: North Carolina Governor Pat McCrory signed a budget bill authorizing the state to divide \$10 million equally among qualified recipients of its Eugenics Program (about \$50,000 per person)
 - “Today is a day of reconciliation and healing. Signing the legislation to make these payments possible was among the most gratifying actions I have taken as governor.” Gov.McCrory
 - “While no amount of money could undo the wrong that was done to these victims, I hope these payments bring some solace in their acknowledgment that the actions of the Eugenics Board were wrong. This is a new day for us all and brings us nearer to closing one of North Carolina’s darkest chapters.” Governor McCrory, [NC State government web site](#)

More News

- Hiding as a tetanus vaccine
 - 5 doses over 6 mo? only when used as a carrier in fertility regulating vaccines
 - Laced with the pregnancy hormone - Human Chorionic Gonadotropin (HCG)
 - Developed by WHO in 1992
 - 1993: WHO conducted massive tetanus vaccine campaigns using a vaccine laced with HCG in Mexico, Nicaragua, and Philippines and 2014 in Kenya – [source](#)

Public Opinion mid-Century

- 1950s: Fernald State School in Waltham, MA, Quaker Oats & M.I.T. experimented on feeble-minded boys with small amounts of radioactive substances in the food
 - Who is going to care; they're already feeble-minded
- Sterilization of poor or unwed mothers
 - Virginia (1956), North Carolina (1957, 1959), Mississippi (1958, 1964), Maryland (1960, 1963), Delaware (1962), and Tennessee (1971)
- Attempts at sterilization of poor or unwed mothers
 - Georgia (1959), California (1961), Virginia (1961), Illinois (1963), Iowa (1963), Mississippi (1964), Pennsylvania (1966), and Maryland (1967)
- Many other state legislatures considered or passed punitive measures short of sterilization
 - such as denying aid or taking custody of children from parents
- 1965 Gallup Poll: what should be done about unwed mothers on relief who have more children?
 - Half of Americans said, "stop giving them relief,"
 - 20% answered, "sterilize the women"

Elitism

- Legal marriage w/i class
- Conrad Hilton
- Went berserk on a flight
- Punching bulkhead
- Threatened flight attendants:
 - “I will f*cking own anyone on this flight; they are f*cking peasants.”
 - “I could get you all fired in 5 minutes. I know your boss! My father will pay this out. He has done it before. Dad paid \$300k last time.”
 - “I told all of them I could get all of their jobs taken away in less than 30 seconds.”



Ethical Questions

- Exclude people with genetic defects from parenthood?
- Does the fear of passing on a genetic defect amount to an indirect form of sterilization?
- Reintroduce eugenics with new unforeseeable consequences?
- How to balance the welfare of future children with the moral (and physical) health of society?
- Do we have the consent of future generations?
- Might something that is considered to be a genetic defect actually be an unknown strength for another malady (e.g. malaria immunity)?
- Does IVF itself alter the fertilization and growth process in unknown and negative ways?
- Do we accept the potential of long-term consequences of these new techniques? Will future generations from such a new line be at risk?
- Are we "commodifying" the relationship between children and their parents? How many parents' genetic coding should be allowed?



ARE WE GETTING HEALTHIER?

Where else do we find “eugenic-thinking”?



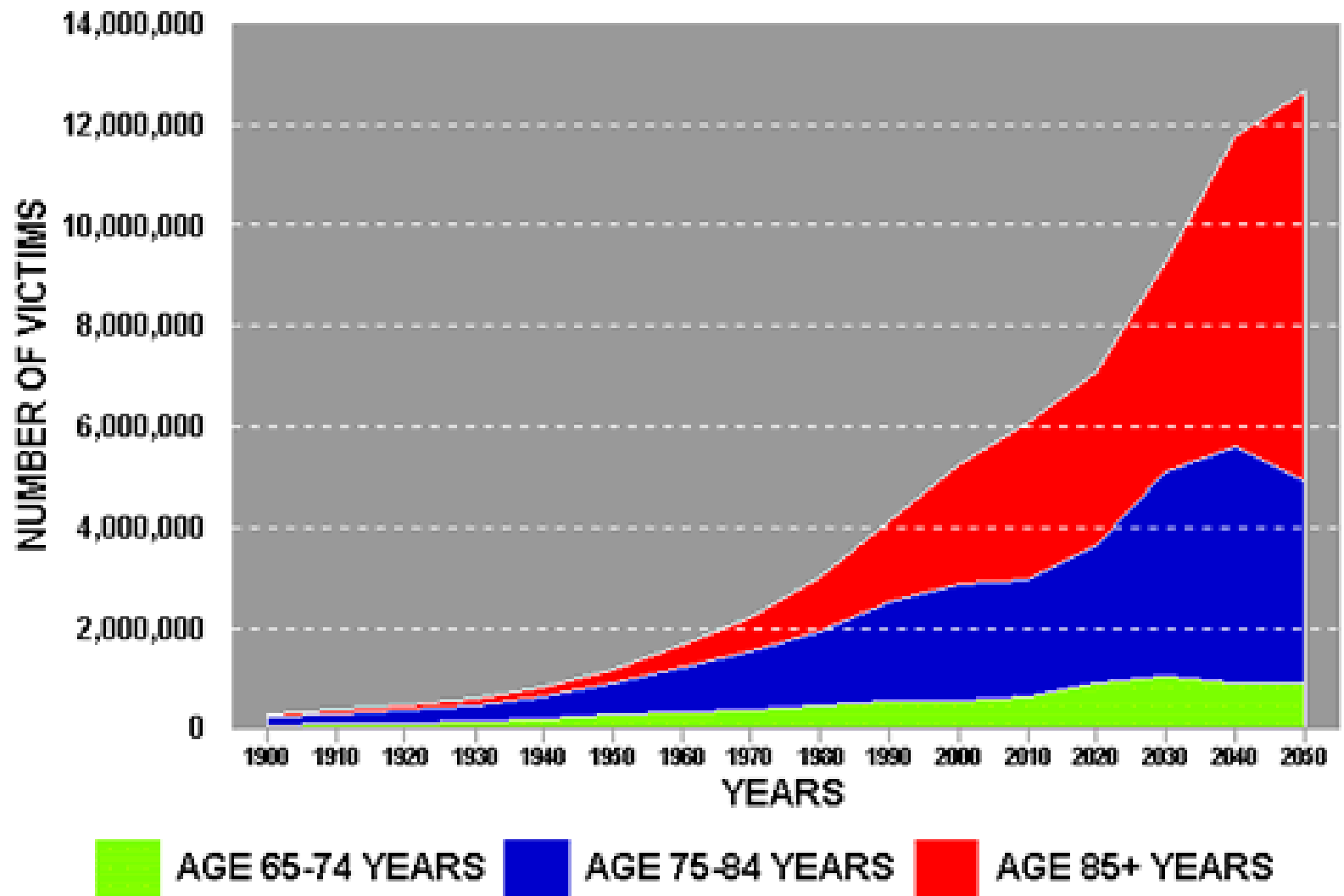
**YES, PEOPLE LIVE LONGER
BUT ARE THEY HEALTHIER
WHILE THEY LIVE?**

Is this healthy?

- Engineer the body, overcome faults
 - Isolate from Nature (connection?)
 - Germ fear (immune system)
 - Keep your lifestyle, take these drugs
 - Stop all illnesses
-
- Are we creating new illnesses?

PREVALENCE OF ALZHEIMER'S DISEASE

(BY DECADES IN U.S.A. FROM 1900-2050)



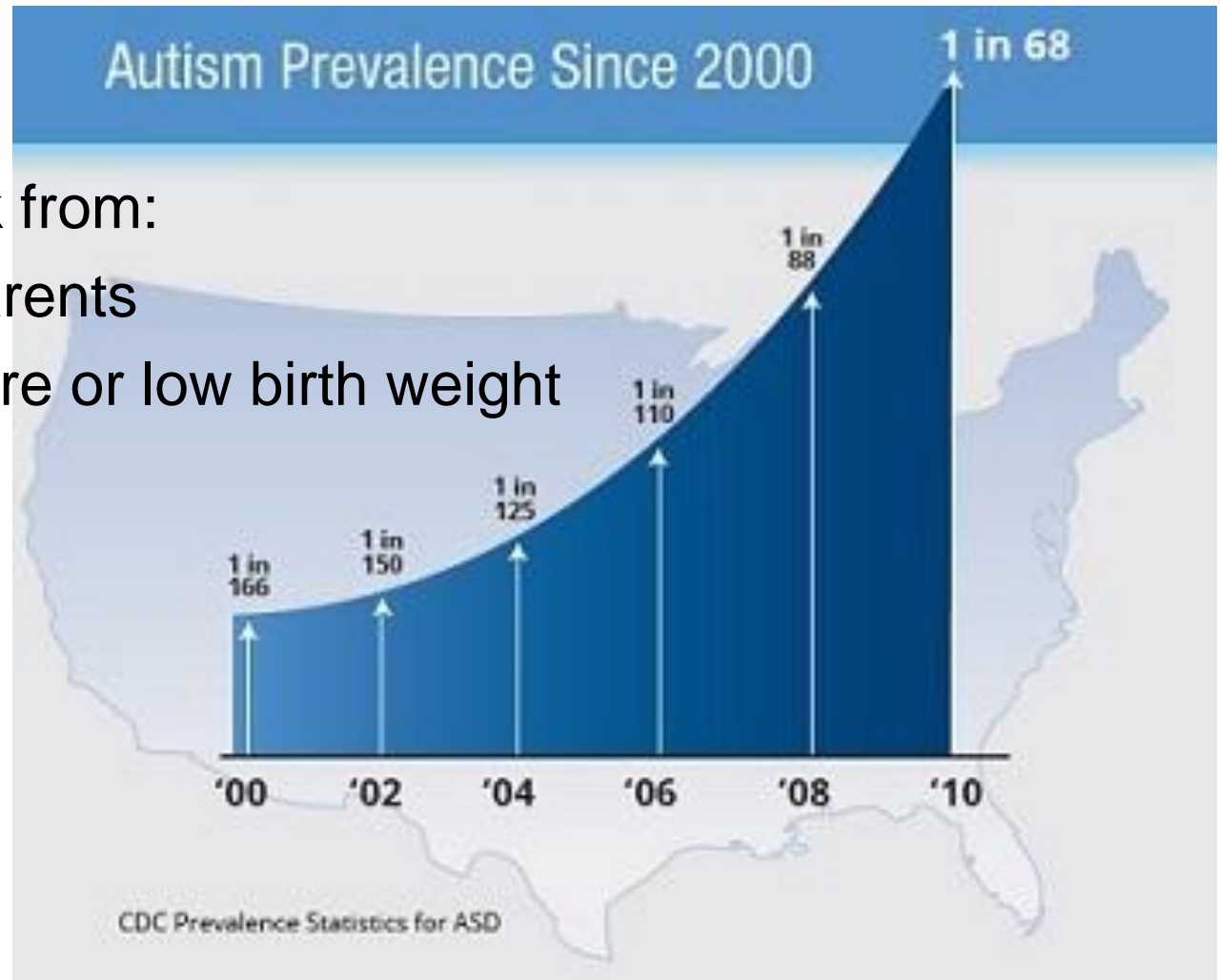
This graph portrays how many Americans over the age of 65 are currently affected by Alzheimer's, and a projection of how many more will become affected with it as time passes.

www.alz.org

Autism Spectrum

Higher risk from:

- Older parents
- Premature or low birth weight



Autoimmune Diseases

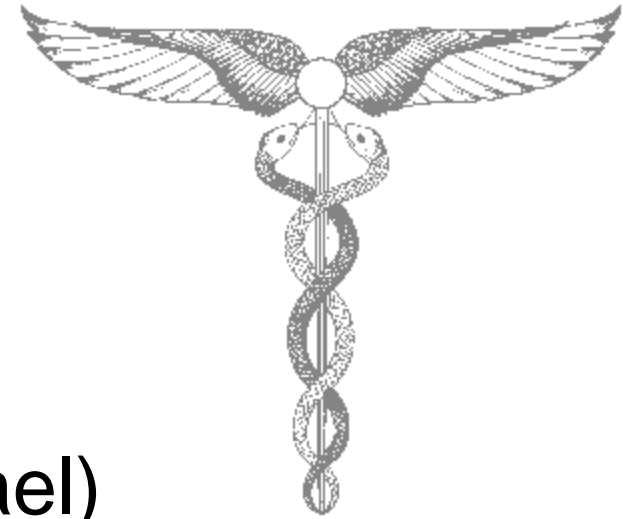
- “Vaccinations and their constituents are causing a large spectrum of autoimmune disease”
 - White blood cells attack body cells
 - “As many as one in 20 people in Europe and North America have some form of autoimmune disease. These diseases arise in genetically predisposed individuals but **require an environmental trigger**.” - [source](#)
- “Since the 1970s the incidence rates for numerous chronic gastrointestinal, neurological, immune and autoimmune disorders have exploded into pandemics that now affect about one third of all school-aged children.” [H.E. Buttram, *Medical Veritas*, 2008 5:1820-1827. (Ref. 1-2)]
- Development of autoimmune disease is “often so mild that they are not reported. Furthermore, the time between vaccination and the occurrence of autoimmunity can vary from days to even years, and may be further extended by the fact that some vaccines require multiple administrations. It is therefore difficult to define a causal relationship, although one has been supposed in some cases.” -- [source](#)

Modern Times

- More questions than answers
- Each Human Field has Its “Monster”
 - Begins good : becomes bad
 - Feed the world : GMO crops, GEO/SynBio
 - Education for all : Government run schools
 - Self development : Materialistic model, pills
- Healing Arts Today
 - Role of Pharmas, nanotechnology, gov.
- Q: Why? What is the role of “monsters”?
- Q: How do We Get to a Healthy Future?
 - Role of illness in real health, karma
 - Do children need childhood illnesses?

Healing Arts Past

- Sacrifice to Gods
 - Young (pure) ones
- Role of the Gods (Raphael)
 - Two snakes, balance – caduceus
- Hermes Trismegistus (Egypt)
- Mystery centers
- Herbalist, shaman, witch (doctor)
- Paracelsus, Cathars
- Rosicrucians
 - No fee for service



**Its Monster?
Snake Oil
Artists**

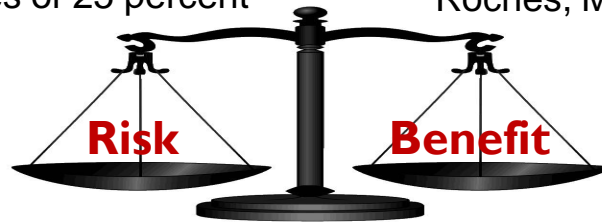
Healing Arts Today



- Illness is an invasion
 - Response: destroy its colonies
 - Masculine concept
 - “Every Kiss Begins with 80 M Germs” - [WebMD](#)
- Do we know why we become ill?
 - Lifestyle? *Is this a sacred cow?*
 - Environment?
 - Food and sensory ingests?
 - Karma?
- Concept of balance largely missing
- Concept of HB is itself unhealthy

Medical Science Headlines

- Report: Crest to remove plastic microbeads from toothpaste
- The microbeads, also common in facial scrubs, are flowing into large bodies of water including the Great Lakes and have most recently been found in some of the fish intended for human ingestion.
- Artificial sweeteners increase diabetes risk, researchers say
- The team found that the mice consuming non-caloric artificial sweeteners tended to develop glucose intolerance.
- America's most obese states
- Researchers found 20 states to have rates of obesity of 30 percent or higher and 43 states with rates of 25 percent or higher.
- Diet brands don't matter, researchers say
- The researchers investigated the effects of 11 branded diets over the course of three months on participants who were either overweight or obese.
- Diet wars: Low carb-diet defeats low-fat diet in weight loss, study
- According to the Centers for Disease Control and Prevention, over one-third of American adults are obese.
- Antibiotic pesticides linked to allergic reaction, researchers say
- "As far as we know, this is the first report that links an allergic reaction to fruits treated with antibiotic pesticides," explained lead study author Anne Des Roches, MD, FRCP.

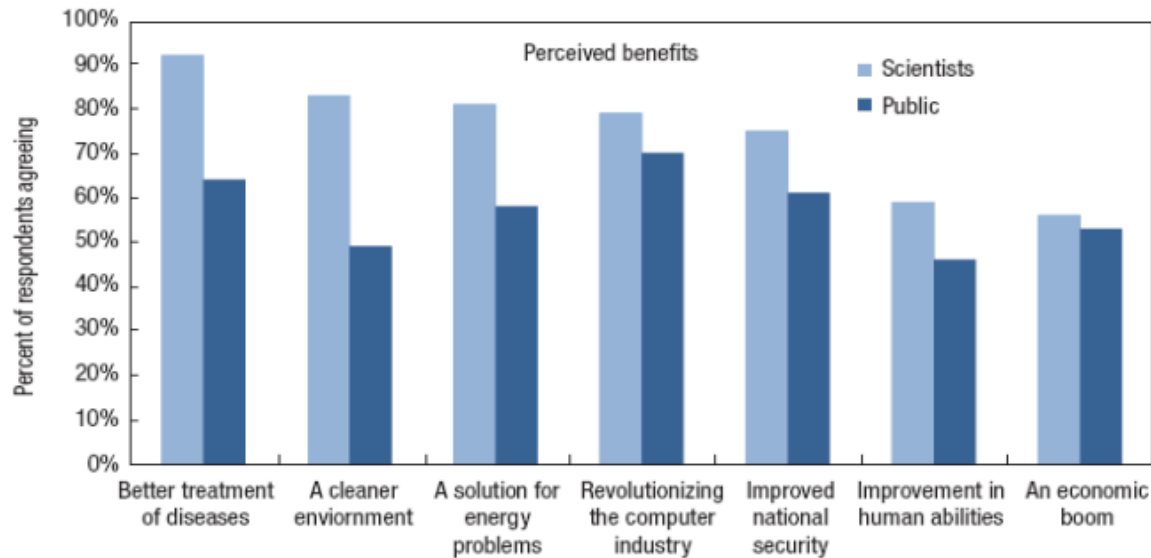


More Med-Science Headlines

- Alzheimer's linked with drugs for anxiety and sleep
- Researchers proposed that because Alzheimer's symptoms of anxiety, insomnia and depression are frequently treated by benzodiazepines, the drugs could be used to treat Alzheimer's.
- Researchers: Eating fish may save your hearing
- Results, which revealed hearing loss development in 11,600 of the participants, indicated a 20 percent lower risk of hearing loss in women consuming 2 or more servings of fish on a weekly basis.
- Meditation shortens migraines, researchers say
- MBSR course participants experienced a 3-hour reduction in migraine duration in comparison to the control group.
- Journal challenges validity of study linking autism and vaccines
- Editors of Translational Neurodegeneration removed Dr. Hooker's publication, noting "This article has been removed from the public domain because of serious concerns about the validity of its conclusions. The journal and publisher believe that its continued availability may not be in the public interest."
- Fewer than fifty percent in U.S. get flu shots, CDC says
- According to USA Today, the flu virus kills more than 30,000 people yearly worldwide.
- GMO corn plantings lead to death of 37 million bees
- Ontario's The Post, "the bees died just days after GM corn seeds were planted and sprayed with so-called neonic"

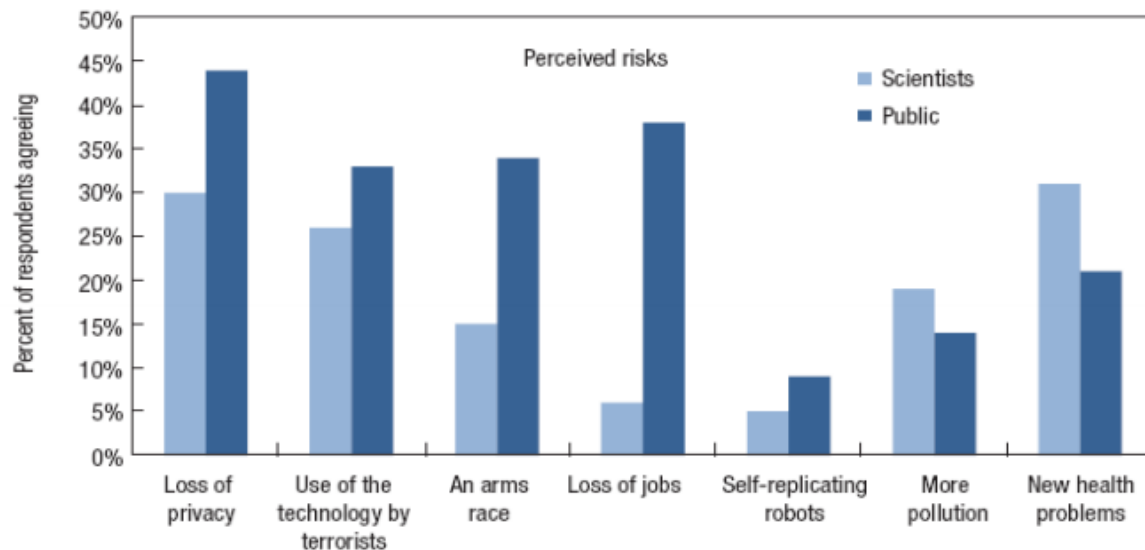
Who Decides Risk versus Benefit

a



Scientists are more optimistic than the public about potential benefits

b

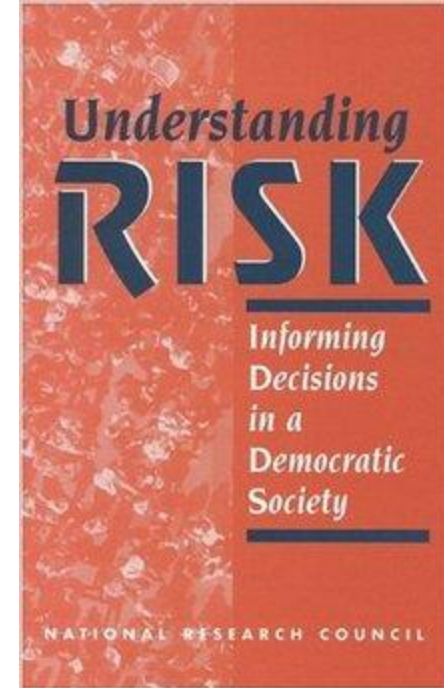


Scientists are less concerned about risks other than environment & health

Source: Scheufele et al.
2007 *Nature Nano*

Health Trend

- Are we healthier than in the 1950s?
 - "It's really unfortunate that half of Americans are not getting the protection from flu they could get. The result is lost days from work and school and a lot of preventable suffering, hospitalizations, and deaths," Dr. Thomas Frieden, director U.S. CDC
- New illnesses
 - Virus-borne e.g. Enterovirus D-68, Ebola
 - "We are in totally uncharted waters and Mother Nature is the only force in charge of the crisis at this time." - Michael T. Osterholm, director of the Center for Infectious Disease Research and Policy at the University of Minnesota, Sep. 11, 2014, NY Times
- Human-created (e.g. bio warfare)



Flu Shots – Safe for My Kids?

- Myth #2: “Flu vaccines contain dangerous ingredients such as mercury, formaldehyde, and antifreeze
 - Fact: Flu shot ingredients are safe, but people with allergies ...”
- Thimerosal: a form of mercury used when combining vaccines
 - “Today, the only childhood vaccines used routinely in the United States that contain thimerosal (mercury) are flu vaccines in **multi-dose vials**.” – CDC
- **Aluminum**: Dr. David Ayoub more dangerous than mercury
 - 1970s: children got 4 aluminum-containing vaccines by 18 mo.
 - Now? 17!



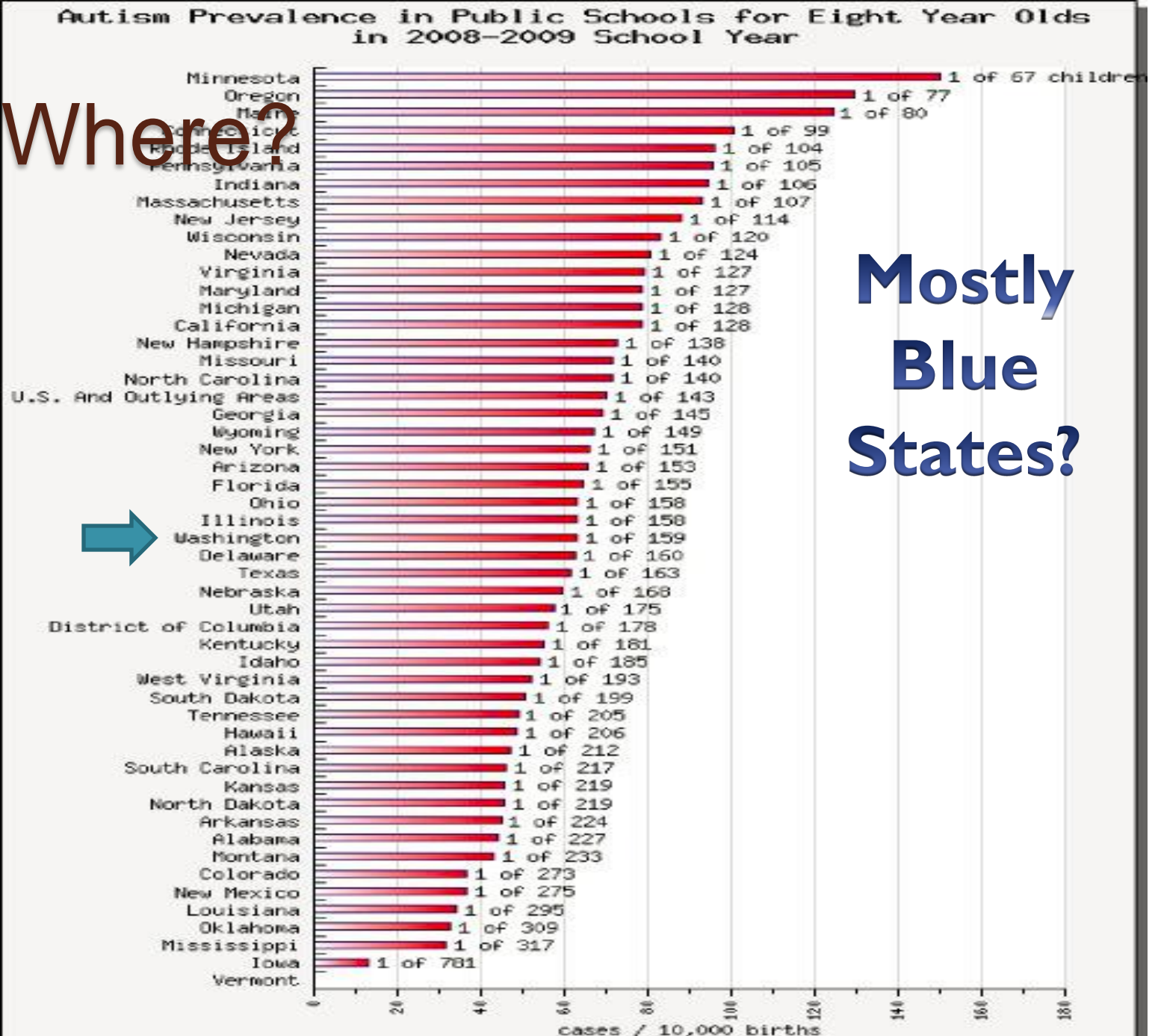
Mega Flu Shots – Safe?

- **Trivalent** flu shot protects against
 1. An influenza A
 2. H1N1
 3. An influenza B virus
- **Quadrivalent** vaccine protects against
 - Same as trivalent plus second influenza B virus
 - CDC has not recommended quad over others
 - 80 million of the flu doses are quadrivalent
 - CDC “we’ll increase that number over time”
 - source: <http://www.wlwt.com/news/too-few-in-indiana-protected-against-flu/28177816#ixzz3E3lOlknT>

Autism

- Effects boys 5X over girls
- Now diagnosed in 2% of US children
- IQ scores in children within ASD
 - IQ ≤ 70 : 31%, IQ = 71-85: 23%, IQ > 85 46%
 - 48%: non-Hispanic black
 - 38% Hispanic children
 - 25% non-Hispanic white children

Where?



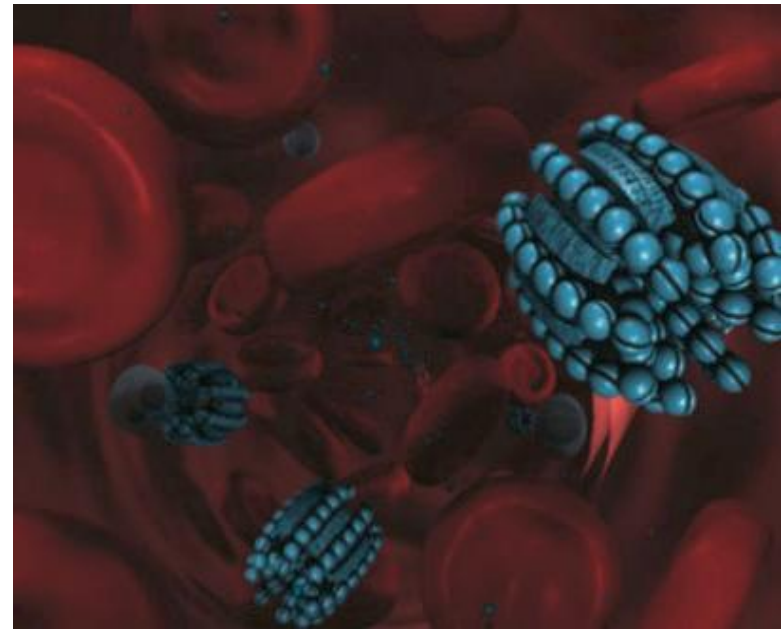
Mostly
Blue
States?

To Sum It Up

- Dr. Richard Horton, Editor-in-chief of the Lancet, the world's most respected medical journal, said "Much of the scientific literature, perhaps half, may simply be untrue. Afflicted by studies with small sample sizes, tiny effects, invalid exploratory analyses, and flagrant conflicts of interest, together with an obsession for pursuing fashionable trends of dubious importance, science has taken a turn towards darkness."
- Much of the published research is unreliable, filled with false claims, and outright fraudulent

Bionics' New Frontier

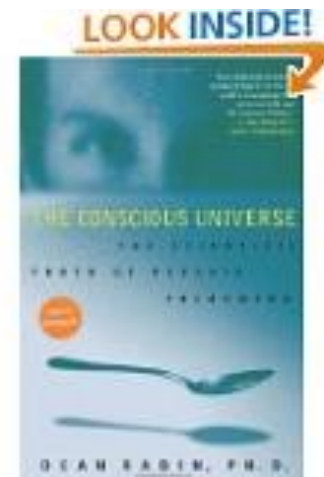
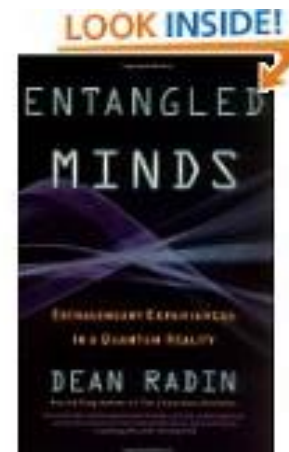
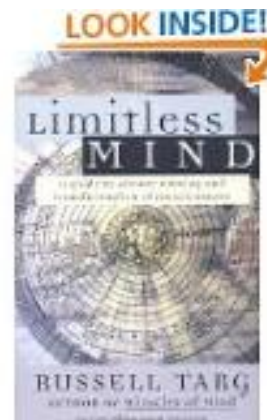
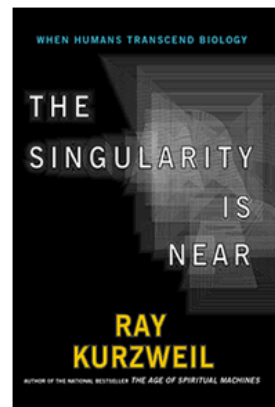
- From dialysis & heart pacers to bio-augmentation
- Tiny robots detect and treat diseases
 - Nanospectra Biosciences' gold nanoshells for its "AuroLase Therapy"
 - Superparamagnetic Iron Oxide Nanoparticles
 - Vascular Cartographic Scanning Nanodevice for imaging living organisms
- Alter human capacities:
 - Infrared and night vision
 - Extended lifespans
 - Ability to live and work
 - On planetary colonies



Consciousness of Our Age

- *The Mechanism of the Human Spirit*, Richard Wahle (1857-1935)
- *The Emotion Machine*, Marvin Minsky (1927-)
 - The human brain has rule-based mechanism (selectors) that turns on emotions to deal with various problems
- *The Age of Spiritual Machines*, Ray Kurzweil (1948-)
 - Humans will one day create machines more intelligent than they are

- More:



So Many Slippery Slopes

- Food: GMOs, GEOs, wheat, dairy, & bees
- Geo-engineering (climate change, chem-trails, HAARP)
- Engineered Nano-Particles
- Electro-magnetic radiation
- Bionics
- Eugenics = Small potatoes?
- The call to consciousness
and **fearlessness**



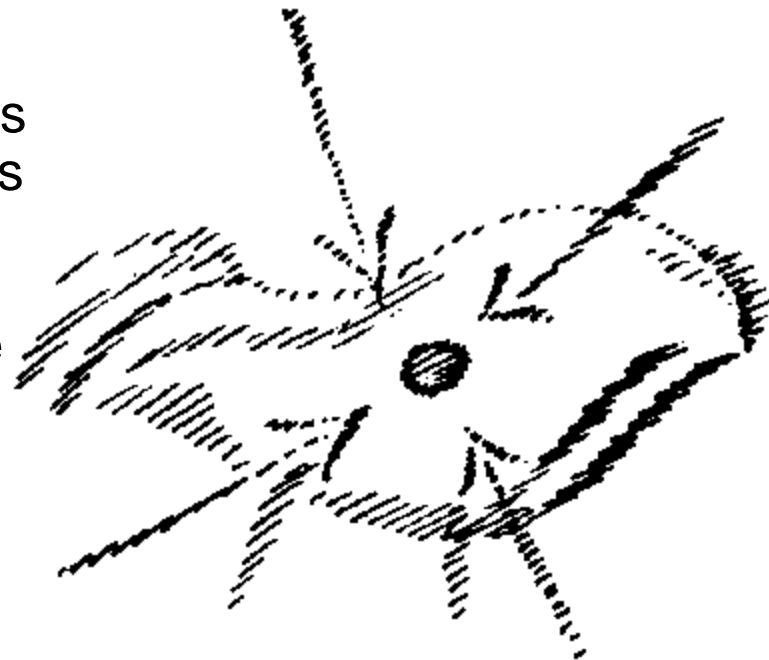


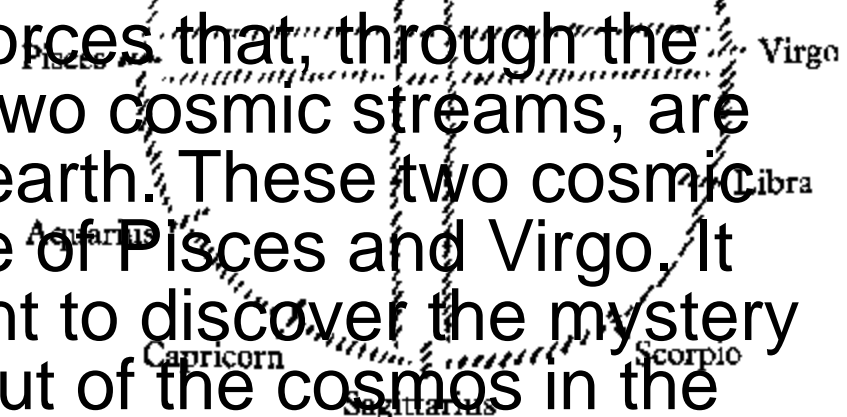
ESOTERIC TOPICS TO FOLLOW

The times, they are a-changing

Birth Process & the Stars

- The active forces are not in what one meets with the microscopic eye but are rather within what streams in from the cosmos, from the constellations in the cosmos. When an embryo arises, it arises because into the living being in which the embryo is being formed are working forces from all directions of the cosmos, cosmic forces. When a fertilization takes place, what will develop out of the fertilization is dependent upon which cosmic
- What he sees there, however, is subject to the forces of the stars that work together in a certain constellation, and when one discovers the cosmic here, one will discover the truth, the reality: it is the universe that conjures the egg from the hen.



- 
- find certain cosmic forces that, through the working together of two cosmic streams, are able to arise on the earth. These two cosmic streams will be those of Pisces and Virgo. It will be most important to discover the mystery of how what works out of the cosmos in the direction of Pisces as a force of the sun combines with what works in the direction of Virgo. The good will be that one will discover how, from the two directions of the cosmos, morning and evening forces can be placed at the service of humanity: on the one side from the direction of Pisces and on the other side from the direction of Virgo.

Evolution of Consciousness

- Direct experience of gods
- Gradual withdrawal of gods
- Indirect experience of gods
- Waning of the mystery centers
- Development of Intellectual Soul
 - Scholasticism, Cathars, Templars
 - Now, I Know!
- Renaissance, Rise of Materialism
- Development of Consciousness Soul

Solving Social Problems

- Each age, each generation, has its own
 - Time = Archon (Archai - beings)
 - 7 Archangels serve, ~ 350 year “job” rotation
 - Currently: Michael – what’s his character?
- Spiritual Science, Michael-Style
 - Cannot solve today’s problems without
 - Need framework, organization to *continually* address social problems
 - Human being changes over time
 - Compare to parenting a child
 - Recognize in external social reality what is inwardly possessed as impulse, instincts, and needs

Role for Spiritual Science

- Spiritual science may not qualify us to enter the medical profession, but if we can penetrate to its reality it makes us capable of forming a **right judgment** upon the results of medicine in public life
- Gain human understanding of karma
 - Among human beings
 - With spiritual beings, especially angels
 - Christ forsook their realm for earth – they seek to find Him shining up from souls where Christ resides
- From R. Steiner, *How Can the Destitution of Soul in Modern Times Be Overcome?* [link](#)

Social Forms (SF) Over the Ages

- Current Age (Renaissance to today)
 - SF reveals head, heart, & limbs
 - Economic newly added: Guilds, merchantile, Foundations
 - Freedom Equality Brotherhood
 - Spiritual Political Commerce
 - Education Rights Work/Actions
- Greco-Roman (747 BC – 1413 CE)
 - SF reveals only head and rhythmic
 - Monarchy & democracy plus laws (justice & citizenship)
- Eqypto-Chaldean
 - HB demanded only the head be in social form
 - Theocracy: religion
 - Rhythmic and metabolic remained instinctive
- Persian
 - HB entirely within own inner nature - instinctive

Characteristics of Current Age

- Dark age (Kali Yuga) has ended but Materialism prevails
 - Perception with the **eye of the body** imparts knowledge of the sensible and material
 - Perception with the **eye of the spirit** leads to the perception of processes in human consciousness, to the observation of the world of thinking, feeling and willing
 - The **living union** of the spiritual and bodily eye makes possible the knowledge of the organic which, as a sensible-supersensible element, lies between the purely sensible and the purely spiritual
- Unhealthy: fission | Healthy: fusion
- Consciousness soul
 - Prior period: development of Intellectual soul
 - Religious feelings took a back seat to thinking
 - Proud even to arrogance of its scientific achievements
 - HB receives impulses to strive consciously
 - Inner self-dependence attained thru unfolding consciousness soul

From Study of Man (R. Steiner)

- “What has to be accomplished in any one epoch of human evolution does not enter into the consciousness of mankind until some time after the epoch is underway.
- The epoch of evolution in which we live today began in the middle of the 15th century. And only now is there coming forth, from spiritual depths as it were, a perception of what has to be done in this epoch (particularly in the realm of educ).

Study of Man (more)

- “When we receive the children into the school we shall still be able to make up for many things which have been done wrongly in the first years of life.
- The whole of civilization of today is founded on the egoism of humanity.
- [On immortality] preachers appeal to man’s egoism in the supersensible sphere. Egoism impels man to cling to his own being as he passes through the gate of death, to preserve his ego.”

The 9-Fold Human Being

- Body, Soul, and Spirit
 - Soma, psyche, and pneuma
- Macrocosm: 9 levels of consciousness
 - 9-fold hierarchy
 - Arranged as 3x3
- HB as microcosm of the macrocosm: 9-fold
 - 3-fold body
 - Physical, Life, Soul (Astral)
 - 3-fold soul
 - Sentient, Intellectual, Consciousness
 - 3-fold spirit
 - Spirit Self (Manas), Life Spirit (Buddhi), Spirit Man (Atma)

Age of the Consciousness Soul

- Awareness on many new levels, arenas
 - More responsibility
- Great disharmonies, great discrepancies
 - As the consciousness soul unfolds in thinking, the thinking itself tends at first to become increasingly abstract and isolated from life
 - What we do is guided by our **love for the deed** rather than any external custom, maxim, or moral standard
 - The ideal of individual freedom requires an **active force of love**
- Mankind receives the impulse to strive consciously
 - Proud of our scientific achievements
- No longer given: we can stumble along or seek guidance
 - Clairvoyance for all-embracing knowledge of the Spirit
 - Power to judge through Spiritual Science
- Do we need illness to make us healthy?
 - New organs mean new illnesses
- Wholeness & Karma

What's the Consciousness Soul?

- Human beings become conscious of their souls in a new way
 - An understanding that arises from the very life of the heart
- We develop a member of our being that enables us to observe our own soul – the **soul within the soul**
- Observe all soul processes at a higher level of consciousness
 - What is limited to our physical senses will not bring to this development on a higher level – reality of mankind in full consciousness
 - Clarity in our outlook on (ghosts of) nature
 - Urge towards an **isolated life**, secluded from the rest of mankind
 - More dependent upon egoism
 - Increasing need to free what is karmically imprisoned within us and to let it rise to the surface, thus **reciprocal understanding** will become more difficult
 - More difficult for children to understand their parents, parents their children

AKA Spiritual Soul

- We live now in an age when man must consciously begin to make clear to himself what is working in his soul. We know why the time is past when man could draw from an unconscious source the impulses he needed to guide him further. To-day he must begin consciously to enter the realm in which lives his soul-nature, and this soul-nature is generated by consciousness.
- *Three Streams in the Evolution of Mankind; The connection of the Luciferic-Ahrimanic Impulses with the Christ-Jahve Impulse* Steiner, Dornach, 1918

Measles

- Describing a case of Measles contracted late in life Dr. Steiner shows that the illness was caused by the person's previous life; that in the former incarnation this personality took little interest in the external world and was much occupied with his own inner life. He wanted always to know only by a kind of inner pondering what to do in special circumstances.
- "The weakness of the soul resulting from this led to the formation of forces during existence between death and rebirth which exposed the organism comparatively late in life to an attack of measles" writes Rudolf Steiner.
- Let us recall what was said earlier on the subject of measles. Through this disease the child can get rid of the forces of heredity. But a person who from a previous life has the weakness which Steiner mentions cannot easily shake off these forces during childhood. (The weakness of this personality was to avoid facing the external world in its reality and to be taken up with his own soul life.) A person who is not able to shake off in time the forces of heredity remains in a certain way "backward." Through that condition he is inclined to catch measles even as an adult. Thus it is not through mere chance that the person had measles so late; the cause lay in a former life.
- To the modern person it may be disturbing to think that such an event as an illness late in life is inevitable, but this need not be so, for as indicated in "The Manifestations of Karma":
- "Let us now assume that this personality before developing measles had succeeded in gaining such soul forces that he was no longer exposed to all kinds of self-deception, having completely corrected this failing. In this case the acquired soul force would render the attack of measles quite unnecessary, since the tendencies brought forth in this organism during its formation had been effaced through the stronger soul forces acquired by self-education."
- In medical practice such an indication can be of the greatest value. The author recalls a case of measles in a middle-aged patient (well over forty). A hard working farmer, he had always a great longing towards higher ideals, but with it he had a soul weakness: he made no effort whatsoever to fulfill his wishes.
- Hiding his inner laziness from himself, he gained consolation from the thought that his children might achieve, through a good education, what he himself could not accomplish. So he sent his children to a first-class school and lived in the self-deception that his own slackness might be redeemed in his children.
- What happened? One day, when one of his children had measles he caught it at the age of nearly fifty and was seriously ill. The thought of a connection between the "late" measles and a special attitude in a preceding life was most illuminating and helpful to the author in understanding this patient, though it would not have been right to tell it to a personality who was not prepared to accept the idea of reincarnation.
- It is hoped that enough has been said to show that we can gradually find that other illnesses are connected not only with the present life alone but also with a previous incarnation.
- *How To Look At Illness*, by Dr Norbert Glas

Eastern Eugenics Enablement

- “This capacity will be acquired only by those individuals who constitute the continuation as races, the continuation in the blood stream, of the Asiatic population.
- They will be able simply to see in detail how what works today chaotically and arbitrarily in conception and birth can be brought into harmony with the great laws of the cosmos in individual concrete cases.
- Here abstract laws are of no avail. What will be acquired is a concrete single capacity in which it will be known in individual cases whether or not a conception should occur at a particular time.”
- GA 186: “*The Mechanistic, Eugenic and Hygienic Aspects of the Future*,” December 1, 1918

Implications

- “I beg you to consider the enormous **social consequences**, the enormous social motive forces that enter here! These capacities are latent. It is well known in those secret circles of the English-speaking peoples that these capacities will evolve among the peoples of the East. They know that they themselves will not possess these capacities within their own potentialities bestowed upon them through birth.
- They know that the Earth could not reach its goal, could not pass over from Earth to Jupiter—indeed, they know that **the Earth would within a relatively short time diverge from the path leading to its goal if only the forces belonging to the West should be employed. It would gradually come about that only a soulless population could evolve in the West, a population that would be as soulless as possible** [*my emphasis*]. This is known.” [Referring to the next stage of Earth’s cosmic development, as described in *An Outline of Esoteric Science*].

Immigration Again

- “For this reason these people endeavor to develop within their own circles, through their capacities, **mechanistic occultism**.
- The endeavor is also made to establish a mastery over those peoples who will develop eugenic occultism.
- Every [esoterically] instructed person in the circles of the West says, for example, “It is necessary that we rule over India for the reason that only through the continuation of what comes out of Indian bodies — when this unites with what tends in the West in a wholly different direction, in the direction of mechanistic occultism — can bodies come into existence in which souls will be able to incarnate in future who will carry the Earth over to its future evolutionary stages.”
- They cannot depend upon the bodies that come out of the fundamental character of their own people, and so they strive to possess the mastery over a people who will provide bodies with the help of which the evolution of the earth may be carried forward in the future.” – [IBID]

Arch-Angel Michael's Age

Michael stands in his activity
between

- Lucifer's *World-picture*
 - *World-picture* becomes through Michael *World-revelation* full of wisdom
- Ahriman's *World-intellect*
 - *World-intellect* revealed as Divine *World-activity* in which lives Christ's care for humanity
- *World-activity* can reveal itself to the heart of man out of his *World-revelation*



Activity of Evil

- Evil necessary for
 - Development
 - Strength
- Brotherhoods
- Religious dogmas
- Theoretical programs
- Nationalism
- Thought authorities, e.g.
 - You are what you eat
 - You are what your genes determine



Future “Oddities”

- The body will become “a vehicle”
 - See this trend already – genetic engineer
 - Out of karmic debt, one might offer their body to another soul
- Sub-nature and super-nature
- We are already experiencing those who will be human on “Jupiter”
- We will co-create “Jupiter”
- Christ consciousness: love for others

Call to Action

- Acquire 3-Fold social understanding
 1. Fraternity: reciprocal understanding
 2. Liberty: of thought, knowledge of spiritual worlds through spiritual science
 3. Equality: rights, before God
- Develop one's own consciousness soul
- “No Longer I, but Christ in me”
 - Love becomes concern for suffering of all
 - From Consciousness Soul to Manas Wisdom to Buddhi Love

Conclusion

- All fields of human attention will be challenged (even inattentive fields)
 - Eugenics just one example – scientific racism
 - Double edge sword – will happen, but how
- Greater and greater consciousness needed to meet the coming challenges
 - Materialism will have the easy (yet later the wrong) answer
 - Consciousness must widen to include spiritual and elemental beings (dead, angels, and more)
- The “tools” are presently available



DISCUSSION

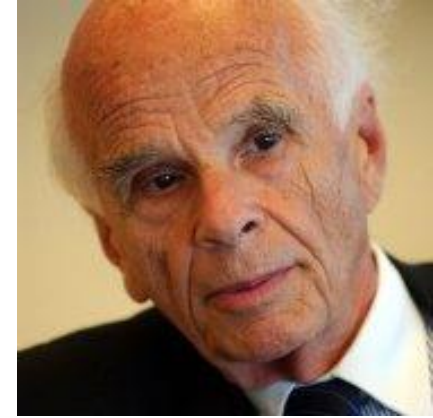
Eugenics = Etheric Astronomy

- The ancient mystery teachers knew
 - Of the gradual approach of an entity out of extra-planetary spheres into the planetary and hence to the earth sphere
 - This extra-planetary being descends through planetary spheres into evolution
 - Imaginative view → not a human being; rather a bull (Mithra)
- Preparation for birth involves these spheres and more

Questions

- Is genetic engineering a form of Eugenics applied to plants & animals?

Erwin Laszlo



- 1993: founded the Club of Budapest
 - Response to the Club of Rome (was a member)
 - “Centre attention on the **evolution of human values and consciousness** as the crucial factors in changing course”
 - From degradation, polarization and disaster to a rethinking of values and priorities to ethics and global sustainability
- 2004: *Science and the Akashic Field: An Integral Theory of Everything*: a field of information existing as the underlying substance of the cosmos
 - Vacuum state is the fundamental energy and information-carrying field that informs not just the current universe, but all universes past and present ("Metaverse")
- Other books:
 - *Science and the Reenchantment of the Cosmos : The Rise of the Integral Vision of Reality* (Inner Traditions, 2006)
 - *The Chaos Point: The World at the Crossroads* (Hampton Roads, 2006)
 - *Quantum Shift in the Global Brain: How the New Scientific Reality Can Change Us and our World* [Rochester VT: Inner Traditions, 2008]
 - *WorldShift 2012: Making Green Business New Politics & **Higher Consciousness** Work Together* (McArthur & Company, 2009)

Alternate View of Evolution

- “Through Him all things became”
 - Wholeness, all things connected to Logos
- “In Him is life”
 - The archetype of all living things
 - Mankind appears last because of longer work by spiritual beings to perfect
 - Other living things manifested sooner
 - Same fossil record
 - Lifeless as precipitant from the living

Why it Upsets Scientists

- Comfort with existing model of the HB
- Belief: from the lifeless to the living
 - From one cell organisms to many cells
 - From many cells to plants
 - From plants to anima-cells: animals
 - From animals to HB?
- Fossil record proves it. Right?
- What's our other choice?
 - Don't say "creationism"

Model of the Human Being

- Soma, Psyche, and Pnuema
 - Body, Soul, and Spirit
 - Role of illness: collective consciousness
 - Cause of illness: Astral-Etheric-Physical
- Macrocosm – Microcosm
 - 3-foldness reflects heavenly hierarchy
 - Head, trunk, limbs
 - Nerve-sense, rhythmic, metabolic
 - Science, art, religion

Diet Soda

- Over 8 years, waist increased
 - 0.8 inches for “non-users” (non-diet-soda-drinkers)
 - 1.83 in for occasional users
 - 3.16 inches for daily users
- Why? after drinking diet drinks for a week
 - gut bacteria altered
 - glucose intolerance



<http://www.forbes.com/sites/alicegwalton/2015/03/17/is-there-really-a-link-between-diet-soda-and-belly-fat/>