Watch today (1/9/24) and respond to the knowledge issues raised in one the TED videos of interest to YOU (yes, you, the knower)!

**Directions**: watch as many as possible (use full screen mode) in first half of class

**PART ONE: PICK ONE [probably don’t watch them in order…try to watch them all before you die]**:

1. HUMAN SCI/REASON/HOW WE PRIORITIZE AND DO DECISION-MAKING (quite interesting; can stop video at min 24): [Dan Gilbert: Why we make bad decisions](http://www.ted.com/talks/dan_gilbert_researches_happiness) [ there is a Dan Gilbert 2004 video too if you like this one]
2. PROMPT 1, 6: How we subjectively place value on things (he did the books: Decartes Baby; Just Babies; How Pleasure Works): https://www.ted.com/talks/paul\_bloom\_the\_origins\_of\_pleasure?language=en

2b = Then try (he’s funny): <https://www.ted.com/talks/rory_sutherland_life_lessons_from_an_ad_man?language=en> and  [on TED.com](http://www.ted.com/talks/lang/en/rory_sutherland_sweat_the_small_stuff.html) or <https://www.ted.com/talks/rory_sutherland_sweat_the_small_stuff?language=en>

1. BRAIN SCIENCE/BRAIN DEVELOPMENT/ETHICS/PSYCHOLOGY [COGNITIVE NEUROSCIENCE or if you liked the baby brain lab]: <https://www.ted.com/talks/rebecca_saxe_how_we_read_each_other_s_minds?language=en>

(slightly related: https://www.ted.com/talks/alison\_gopnik\_what\_do\_babies\_think?language=en)

1. BRAIN SCIENCE/Subjective Experience of unique sense perception moment (we have shown this in class and people loved or hated it but certainly remembered it; her book is pretty good too): <https://www.ted.com/talks/jill_bolte_taylor_my_stroke_of_insight?language=en>
2. BEHAVIORAL ECONOMICS (if you liked the PBS Mind over Money video or the Sway or Nudge or Predictably Irrational books)/IRRATIONALITY/ANIMAL PSYCHOLOGY: <https://www.ted.com/talks/laurie_santos_a_monkey_economy_as_irrational_as_ours?language=en>

5b = Then watch = <https://www.ted.com/talks/tali_sharot_the_optimism_bias?language=en> which deals with another behavioral economics trap/self-delusion (PROMPT6)

1. PROMPT 6: The power of all human mind’s in the capacity of MEMORY; the nature of ACQUISTION OF KNOWLEDGE: <https://www.ted.com/talks/joshua_foer_feats_of_memory_anyone_can_do?language=en>
2. FOR FUTURE MED STUDENTS: BAYESIAN RATIONALITY VS. USING OTHER METHODS IN THE PROCESS OF DIAGNOSIS: <https://www.ted.com/talks/abraham_verghese_a_doctor_s_touch?language=en>
3. PROMPT 6: SENSE PERCEPTION/VISUAL TRICKS/TESTING CLAIMS: <https://www.ted.com/talks/beau_lotto_optical_illusions_show_how_we_see?language=en>
4. (not amazing but…) SENSE PERCEPTION/NATURAL SCIENCE (and then read Suskind’s Perfume or watch the DVD film) : <https://www.ted.com/talks/luca_turin_the_science_of_scent?language=en>
5. MUSIC/INTELLIGENCE INVOLVED IN REAL-TIME COORDINATION/RAP/fMRI analysis of creativity: <https://www.ted.com/talks/charles_limb_your_brain_on_improv?language=en>

10b = Then try his <https://www.ted.com/talks/charles_limb_building_the_musical_muscle?language=en> 2011 (deals with cochlear implants and how ex-deaf perceive music) (can watch Benjamin Zander: <https://www.ted.com/talks/benjamin_zander_the_transformative_power_of_classical_music?language=en> too or <https://www.ted.com/talks/jose_antonio_abreu_the_el_sistema_music_revolution?language=en> or Julian Treasure TED videos)

1. ARTS/PHOTO/EMOTION/ETHICS: <https://www.ted.com/talks/david_griffin_how_photography_connects_us?language=en> (maybe for art/photo as history/historian: <https://www.ted.com/talks/jonathan_klein_photos_that_changed_the_world?language=en> )

(maybe too: <https://www.ted.com/talks/thomas_peschak_dive_into_an_ocean_photographer_s_world> )

1. Quirky/RACE & CULTURE STUDIES/HISTORY/GLOBALIZATION/FOOD SUPPLY: <https://www.ted.com/talks/jennifer_8_lee_the_hunt_for_general_tso?language=en>
2. Weak vs Strong forms of evidence/Bias/Rigging your data/Testing claims in Natural Sciences: <https://www.ted.com/talks/ben_goldacre_battling_bad_science?language=en>

13b <https://www.ted.com/talks/stuart_firestein_the_pursuit_of_ignorance?language=en> - (maybe then = good on scientific process/approach; an analysis of scientific method in the real world or how we organize the things we don’t know

**13c** : <https://www.ted.com/talks/margaret_heffernan_dare_to_disagree?language=en>

13d: Or Misinterp or reinterp/revisions of neuroscience - <https://www.ted.com/talks/molly_crockett_beware_neuro_bunk?language=en>

( 2011 <https://www.ted.com/talks/dan_ariely_beware_conflicts_of_interest?language=en> – he was ironically found to have lied / conflicts of interest issues after this video)

1. [for High-minded abstract philosophical students PT1] <https://www.ted.com/talks/jim_holt_why_does_the_universe_exist?language=en> semi-comic but very TOK

OR 14b: The history and nature of knowledge/ empiricism / testing knowledge claims (probably the most purely TOK thing on this page)**:** <https://www.ted.com/talks/david_deutsch_a_new_way_to_explain_explanation?language=en> an overview of last 100 years of cognitive history <https://www.ted.com/talks/james_flynn_why_our_iq_levels_are_higher_than_our_grandparents?language=en>

1. [for High-minded abstract philosophical students PT2 – a bit too academic a college lecture style] Consciousness and the nature of our humanity & BRAIN SCIENCE VISUALIZATIONS TOO: <https://www.ted.com/talks/antonio_damasio_the_quest_to_understand_consciousness?language=en> (Daniel Dennett has some TED videos on the issue of consciousness too)

15b ALSO consider <https://www.ted.com/talks/david_chalmers_how_do_you_explain_consciousness?language=en> OR <https://www.ted.com/talks/john_searle_our_shared_condition_consciousness>

1. *WE WATCHED ONE OF THESE VIDEOS: Wade Davis 2008* SOCIAL ANTHROPOLOGY/GLOBAL STUDIES and divergant perspectives/ART/ETHICS/RELIGION: <https://www.ted.com/talks/wade_davis_the_worldwide_web_of_belief_and_ritual?language=en> (or other speech: 2003 <https://www.ted.com/talks/wade_davis_dreams_from_endangered_cultures?language=en> )

16B [Mark Plotkin: What the people of the Amazon know that you don’t | Talk Video | TED.com](http://www.ted.com/talks/mark_plotkin_what_the_people_of_the_amazon_know_that_you_don_t) – for those who might write on indigenous knowledge/people

1. The PARADIGMS we live by and its consequences/LOGOS vs MYTHOS cultures/ETHICS/RELIGION vs SCIENCE: <https://www.ted.com/talks/devdutt_pattanaik_east_vs_west_the_myths_that_mystify?language=en>
2. <https://www.ted.com/talks/noreena_hertz_how_to_use_experts_and_when_not_to?language=en>
3. [Kelly McGonigal: How to make stress your friend | Talk Video | TED.com](http://www.ted.com/talks/kelly_mcgonigal_how_to_make_stress_your_friend) – IN 2015, Mrs Murray and Mrs Chance were saying that watching this video might actually save your life
4. [Michael Green: What the Social Progress Index can reveal about your country | Talk Video | TED.com](https://www.ted.com/talks/michael_green_what_the_social_progress_index_can_reveal_about_your_country?language=en) – this is a nice case study but about the ethics of quantification in economics/sociology in the GDP vs social progress index metrics
5. <https://www.ted.com/talks/manuel_lima_a_visual_history_of_human_knowledge>
6. IF YOU NEED A HISTORIAN: <https://www.ted.com/talks/doris_kearns_goodwin_on_learning_from_past_presidents>
7. [Should you be able to patent a human gene (patent law and ethics/enviro/human life in the Myriad Genetics case)](https://www.ted.com/talks/tania_simoncelli_should_you_be_able_to_patent_a_human_gene)
8. [60 Minutes - Happiness.flv - YouTube](https://www.youtube.com/watch?v=IBzDSq0KDLs) – the human science metric that determined Denmark as happiest country on Earth a few years back
9. The legacy of the Deep Blue (IBM) chess win vs a grandmaster <http://fivethirtyeight.com/features/the-man-vs-the-machine-fivethirtyeight-films-signals/>

NEW 2024=

1. David Williams – The Power of Unconventional Thinking <https://www.ted.com/talks/david_mcwilliams_the_power_of_unconventional_thinking?language=en>

**MISC – nice but not for the Part 1 of the Journal**

Why curiosity is the key to science and medicine: <https://www.youtube.com/watch?v=wYC-HKl4RPU&feature=youtu.be>

[Pavan Sukhdev: Put a value on nature!](http://www.ted.com/talks/pavan_sukhdev_what_s_the_price_of_nature) – an interesting idea in the intersection of quantifications, enviro science, economics, etc

Case study in smartest Jeopardy contestant (besides a computer) = <https://www.ted.com/talks/ken_jennings_watson_jeopardy_and_me_the_obsolete_know_it_all>

Cell animators: art and science overlaps: <https://www.ted.com/talks/david_bolinsky_animates_a_cell>

if you are using ethics: <https://www.ted.com/talks/peter_singer_the_why_and_how_of_effective_altruism>

what are the value of performance artists? <https://www.ted.com/talks/marina_abramovic_an_art_made_of_trust_vulnerability_and_connection?language=en>

? = <https://www.ted.com/talks/marlene_zuk_what_we_learn_from_insects_kinky_sex_lives?language=en>

naming of concepts: <https://www.ted.com/talks/erin_mckean_redefines_the_dictionary> OR <https://www.ted.com/talks/anne_curzan_what_makes_a_word_real>

IF YOU NEED ANIMAL INTELLIGENCE EXAMPLES: <https://www.ted.com/talks/carl_safina_what_are_animals_thinking_and_feeling>

The most famous TED speaker’s most recent talk (he was the guy who swallowed swords in the video we watched): [Hans and Ola Rosling: How not to be ignorant about the world | Talk Video | TED.com](http://www.ted.com/talks/hans_and_ola_rosling_how_not_to_be_ignorant_about_the_world)

[Mac Barnett: Why a good book is a secret door | Talk Video | TED.com](http://www.ted.com/talks/mac_barnett_why_a_good_book_is_a_secret_door) – I really liked it, but I am an English major. He’s entertaining/funny

Defense of rationalism; semi-comic; OR <https://www.ted.com/talks/john_lloyd_an_inventory_of_the_invisible?language=en> OR

[Robin Ince: Science versus wonder?](http://www.ted.com/talks/robin_ince_science_versus_wonder)

[Damon Horowitz: We need a "moral operating system" | Talk Video | TED.com](http://www.ted.com/talks/damon_horowitz) – intro to ethical systems and philosophy

Gender bias in drug dosing: <https://www.ted.com/talks/alyson_mcgregor_why_medicine_often_has_dangerous_side_effects_for_women>

<https://www.ted.com/talks/casey_gerald_the_gospel_of_doubt>

<http://www.espn.com/video/clip?id=18326395> = Matt Dawkins case study as transgender athlete

Other video suggestions to search for on TED site (if you want to do journal on one of these SEE ME first): : [TED | Talks | Murray Gell-Mann: Beauty and truth in physics (video)](http://www.ted.com/index.php/talks/view/id/194), Hans Rosling (2010 or all of them), Hanna Rosin (future for girls),Noreena Hertz (when experts are wrong), Michael Shermer 2010, Cameron Herold (how to be an entrepreneur), Golan Levin, Jonathan Haidt (science study of liberals vs conservatives), Dennis vanEngelsdorp (bees), Patricia Burchat, Aguera y Arcas (Photosynth), Schwartz, Goleman, Dennett, Dawkins, Mayne, Levitt, Koontz, Woldhek, Baraniuk, Surowiecki,; Barber (on foie gras) – all @ TED TALKS = <http://www.ted.com/talks?gclid=CJuKzIio5o0CFQUoZAodf0m01A>

OTHERS THAT ARE MORE LIFE LESSONS but very worth watching before graduating:

* *Steve Jobs graduation speech at Stanford* [*https://www.ted.com/talks/steve\_jobs\_how\_to\_live\_before\_you\_die*](https://www.ted.com/talks/steve_jobs_how_to_live_before_you_die)
* <http://www.youtube.com/watch?v=ji5_MqicxSo> [Randy Pausch’s Last Lecture 12million views]
* <https://www.ted.com/talks/scott_dinsmore_how_to_find_work_you_love?language=en>