

Our General Assumptions

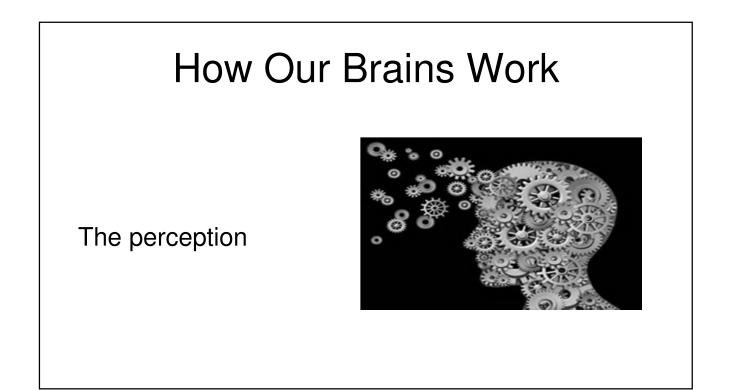
- We're basically dealing with rational people
- If we teach them that x is bad, then they're less likely to do x
- If people thought about what they were doing, they wouldn't do bad things
- People are basically ethical but sometimes get led astray

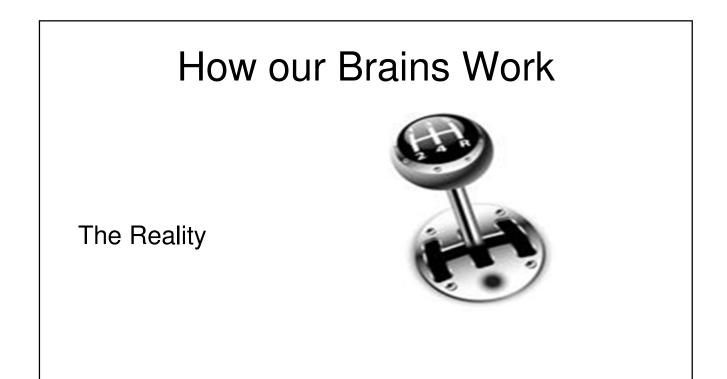
The Big Questions

- What if we're wrong?
- What if we're all a bunch of cheaters?
- What if people really don't think that much?
- And what if we're worse at thinking than we think?

Today's Exploration

- How we think (and don't)
- How much we cheat when we can
- What Jimmy Fallon understands about our ethical decisions that we don't
- Why I'm never wrong and neither are you, unless you disagree with me



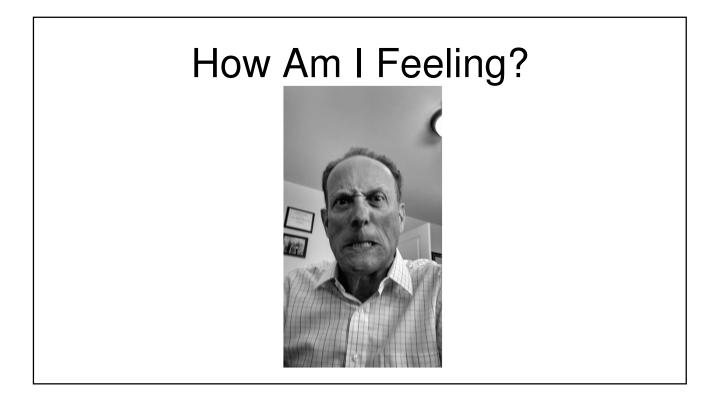


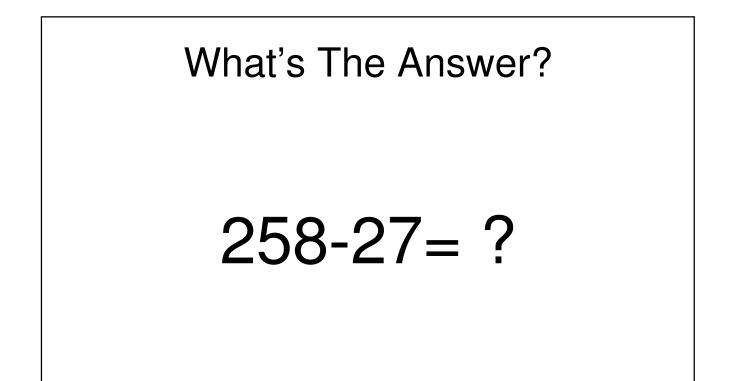
Quick Reaction Test

First, start clapping and keep clapping

How Am I Feeling?







What Happened?

- Switched from your intuitive brain to your thinking brain
- Takes longer to process
- Requires more resources
- Forces everything else to slow down



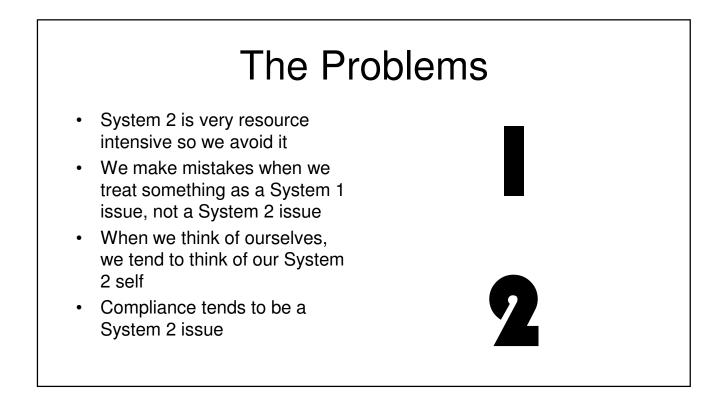
Everyday Life

- Parallel Parking
- Deliver shocking news while walking
- Chatting while emailing



Scientifically Speaking

- Two modes of thinking:
 - System 1 Works automatically and quickly, minimal effort or sense of control: how we operate most of the time
 - System 2 Thinking that requires effort and greater resources. Brain switches to System 2 only when it has to ("the law of least effort")



Quick Question

A bat and ball cost \$110. The bat costs \$100 more than the ball.

How much does the ball cost?



Quick Answer

- Not so fast!
- A bat and ball cost \$110. The bat costs \$100 more than the ball.
- \$5 for the ball and \$105 for the bat:
 - \$5 + \$105 = \$110

System 2 Compliance

"System 2 is the only one that can follow rules...and make deliberate choices between options."

Daniel Kahnemann

Thinking Fast and Slow

System 2 Downsides

- We don't use it when we should.
- The more you are thinking the more likely you are to:
 - Make selfish choices
 - Use sexist languages and
 - Make superficial judgments in social situations.



Resisting Temptation

- Ego depletion: the more you have to say "no" in one area, the harder it is to say no in another
- Cognitive labor produces the same reaction: The more you think the harder to resist temptation



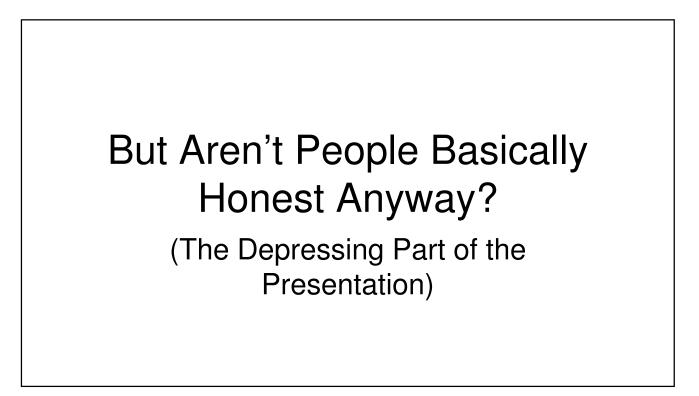
Jail Time

- When are you most likely to get paroled in Israel?
- Answer: When the parole board is feeling fresh
 - First thing in the morning
 - Right after lunch



Bottom Line

- So, if you're wondering what they were thinking, they probably weren't.
- Or more accurately, they weren't thinking as hard as they should because their brain didn't think it needed to, was too busy, too tired, or too tired of saying "no".



The Popular Theory

- Most people are good
- Scandals are generally the result of a few bad apples aka "rogue employees"
- And then Dan Ariely put that theory to test

The Set Up

- A sheet of paper with 20 math problems
- Subjects given 5 minutes to solve them
- Paid \$.50 per correct answer
- Time is up you show your answers for grading
- No opportunity to cheat
- Average number of right answers: 4

5	3	4	6	7	8	9	1	2
6	7	2	1	9	5	З	4	8
1	9	8	З	4	2	5	6	7
8	5	9	7	6	1	4	2	3
4	2	6	8	5	3	7	9	1
7	1	3	9	2	4	8	5	6
9	6	1	5	3	7	2	8	4
2	8	7	4	1	9	6	3	5
3	4	5	2	8	6	1	7	9

The Shredder

- Shred your answer sheet then tell us how many you got right:
- Suddenly 6!



The Big Payoff

- Still have the shredder but varying rewards per right answer: \$1, \$2 or \$5
- What happened?
 6 Again
- And when offered \$10?
 - Slight decrease in cheating



First Learning

- People don't cheat more if offered more
- People cheat as much as they can and still feel okay about themselves
- But wait...

The Bigger Base

- One group told the average was 4 answers. Other group told the average was 8. How many did the group told 8 cheat by?
- 2 answers, once again

Tokenism

- Another shredder group was told to report their correct answers, they would be given a token for each one and then had to walk 12 feet, where they handed in their tokens for cash. What happened?
- Cheating doubled!



Rose-Colored Glasses Two groups of women: Group 1 told they were testing designer glasses Group 2 that they were testing counterfeits Then asked to take the same shredder test. Cheating rate: Told real: 30% cheated Told fake: 71% cheated

Moral Reminders

- Asked to recall the 10 Commandments:
 - No cheating
- Asked to sign their school honor code:
 - No cheating, even though the school didn't have an honor code



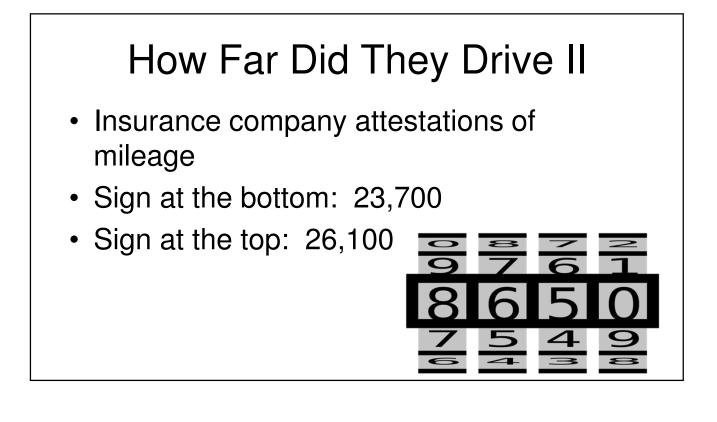
What About Princeton Students?

- School has a formal and strong honor code
- Freshman orientation
 extensive
- Must sign with every test and paper
- Tested two weeks after orientation.
- Cheated just the same, except when reminded of the code right <u>before</u> the experiment



What About Non-Students?

- Offered mileage reimbursements based on time and distance
- Sign at bottom: \$9.62
- Sign at top of the reimbursement form: \$5.27



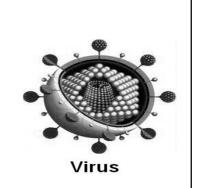
Does One Bad Apple Spoil The Whole Bunch?

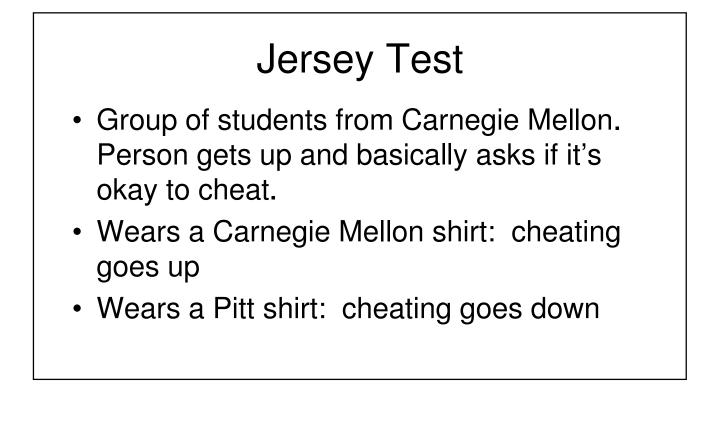
New Shredder Test

- Control: take money from the envelope, and have answers checked
- Basic: shred, take money
- Virus: person obviously cheats, shreds, takes money

What Happened?

- Control:
 - 7 answers
- Basic: 12 answers
- Virus: 15 answers

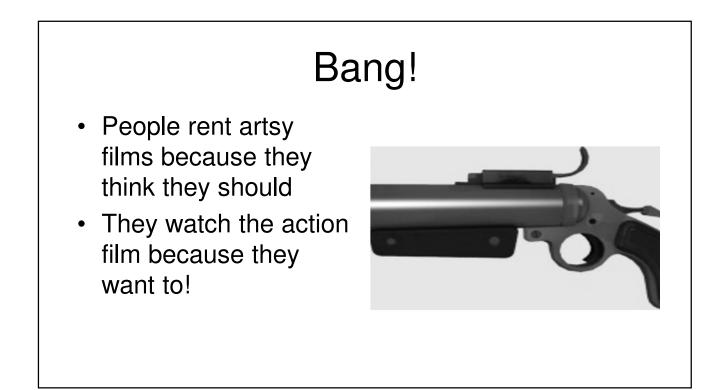


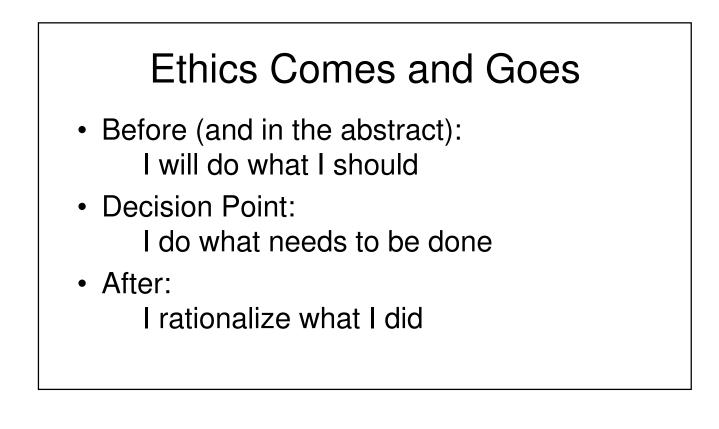


The Ethics Gap

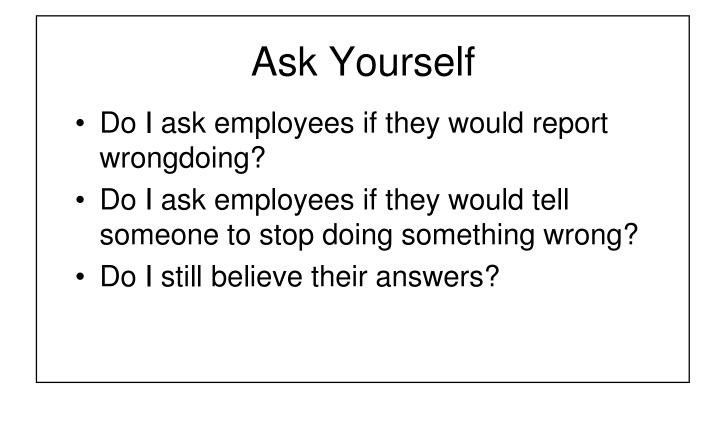
Or Why We Don't Do What We Say We Will Even on Jimmy Fallon











Why We're Always Right Even When We're Wrong

The Problem With Certainty

- Certainty isn't a fact. It's a feeling
- How do you know you're right?
 - First you know it
 - Then you align what facts you have

The Wisdom of Colbert

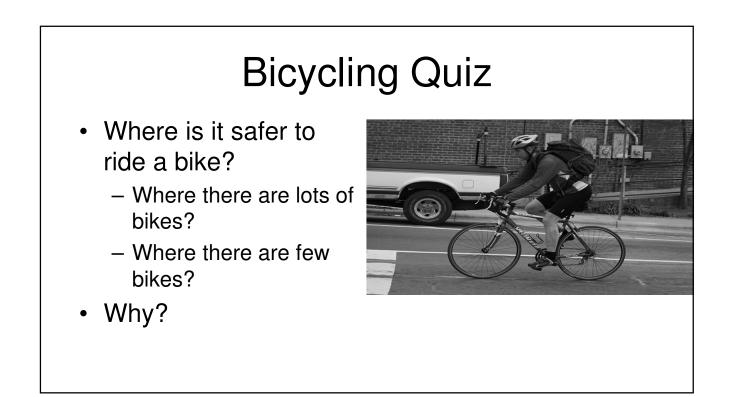
Truthiness:

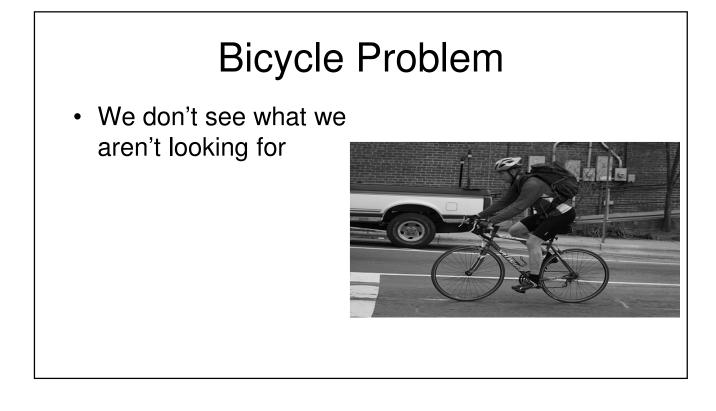
The quality of seeming or being felt to be true, even if not necessarily true

The Knowledge River

- Neural networks form in our brain
 - Tie thoughts together
- Grow deeper over time
- Why it's hard to change thinking







The Challenger Challenge

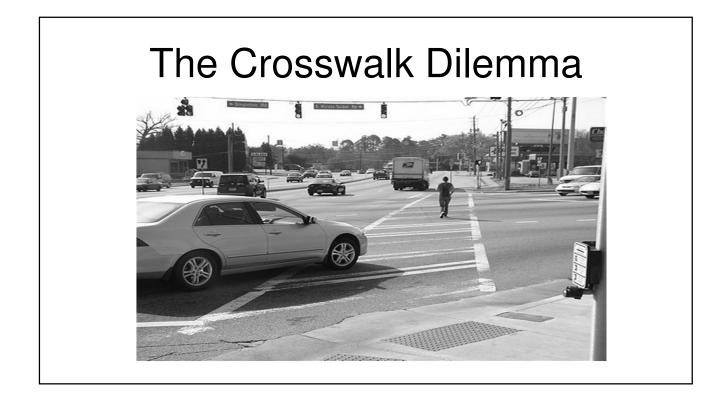
- 106 students asked to write down how they heard about the explosion
- 2.5 years later
 - 10% remembered close to perfectly
 - 25% had very different memories

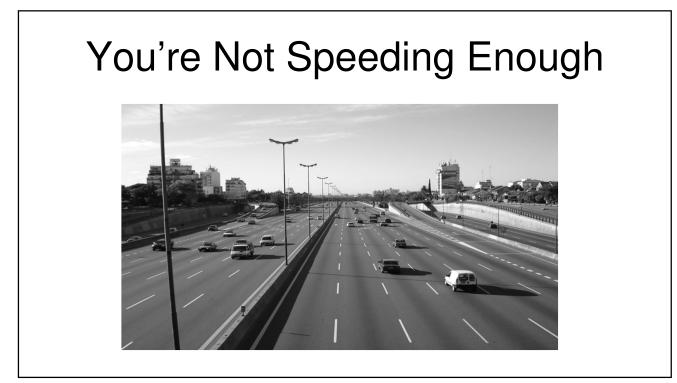


The Ratings Conundrum

- Chess players asked to rate themselves
- 4% thought overrated
- 75% underrated
- How much is your house worth compared to your neighbors?







To Sum Up

- We don't think as much as we should or think
- The harder we think the more likely we are to be tempted
- The harder we think the less forgiving and ruder we can get
- If given the opportunity to cheat, people will

To Sum Up

- Larger rewards don't necessarily lead to more cheating
- We cheat to the level we can get away with and still feel good about ourselves
- The more removed from cash the more likely we are to cheat
 - Why stealing a box of pens is easier than stealing \$5
 - Why it's easy to overstate hours when billing

To Sum Up

- We watch to see what happens when others cheat
- Moral reminders don't last very long
- We talk a better game than we play
- We overrate ourselves

To Sum Up

- Think in patterns that keep deepening
- We see what we look for and miss what we don't
- We change our ethics to suit our needs

So What Do We Do?

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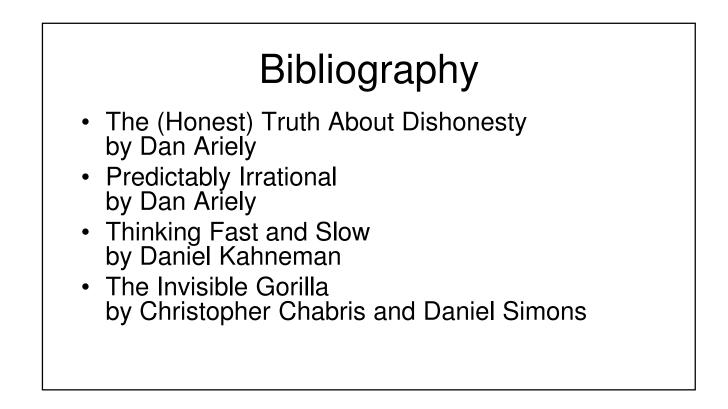
- Determine where the opportunities to cheat are
- Keep codes of conduct messages in front of employees in as many places as possible and often as possible
- Make them sign off before they do something, not after

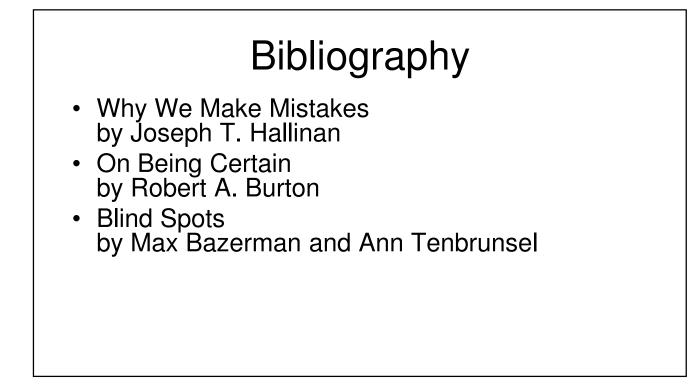
So What Do We Do?

- Recognize that the people with the most demands are the ones most likely to be tempted to stray
- Find ways to make contacting compliance a System 1 reaction
 - Safety is a model

So What Do We Do?

- · Ban counterfeit goods in the workplace
- Don't let people stop with feeling right; make sure they know what is right
- We learn all we can about how people really think





Contact

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