**How do we get to AGI?**

- **A Top Down**
  - Psychology
  - "Think"
  - "Copy the Brain"
  - Online
  - 100 trillion calculations per second!

- **B Bottom Up**
  - No Emotions
  - Hollywood has inoculated us
  - No slackers
  - Achieve goals & learn
  - Dual use technology (like fusion)

**What do you need to know about AI?**

- **Stealth companies or going to med school**
  - Google
  - IBM (Watson)
  - Cars
  - Beyond...
  - Super human level
  - Human level

- **Intelligence explosion**
  - New convergence of tech "The Singularity"
  - Old unknowable thing

- **MORALS**
  - Mental disorders? (Don't copy these brains!)
  - Share the world w/ machine

- **SMARTER THAN 20,000 PHDS**
  - I am more efficient
  - It might not be controllable...

- **Who controls AI now?**
  - Who controls in the future

- **How to make a design weapons**

- **Doums day**
  - 2045
  - 2026 2020

- **When**
  - Bad news
  - Bad news

- **Gerry McCARTNEY**
  - James Barrat
  - Dean Gary Bertoline

- **Science & study of giving machines**
  - "Human" capabilities
  - Psychology
  - Neuroscience
  - Ethics
  - Philosophy

- **Fascinating and scary**