

November 13, 2019  
MSE 2101 topics

- Truths or myths about humans?
  - we are primates, right?
  - we evolved from modern apes, right?
  - we share 98% of DNA with chimps, right?
  - different races have different DNA, right?
  - we only have to find the missing link, right?
- Limber arms, dexterous hands, locked-in eyes, parental care
- Hominids through time:
  - 6-7 million years ago: Toumai
  - 4.4 million years ago: Ardi
  - 3.2 million years ago: Lucy
  - 100,000 years ago: *Homo sapiens*
  - 30,000 years ago: the extinction of *Homo neanderthalensis*
  - 12,000 years ago: the extinction of *Homo floresiensis*
- Artificial life
- The top-down (Venter) and the bottom-up (Szostak) approach
- *The ethics of creating life*