

#disorganized

## 1 | Gender and the Biological Sciences

- Existence of alternative theory challenges the status quo
- The status quo is the informant of which questions are asked, what hypotheses are investigated, and which data is ignored
- Accepted theories could be false or "apparently falsified"
- Some hypotheses are designed such that they may be falsified but hard to be proven false
- Feminist empiricism => knower's standpoint is irrelevant and objective methods evaluates theories' correctness
- "Standpoint epistemologists" => credentials of knowledge depend on the knower's situations
- Because hypotheses are asked and built upon other agreed upon hypothesis, knowledge exists and are tested in a "branched" structure
  - Impossible to purify theory because theories are all jumped off of a source
  - Hence, scientific method could fail at nodes where theories previously not accepted or explored are not expanded upon
- Could either make decisions blind to the context of theory generation and hence a more restricted hypothesis or to be informed by it
- Bias in theories mode blinded to other possibilities could only be mitigated with a community as a whole