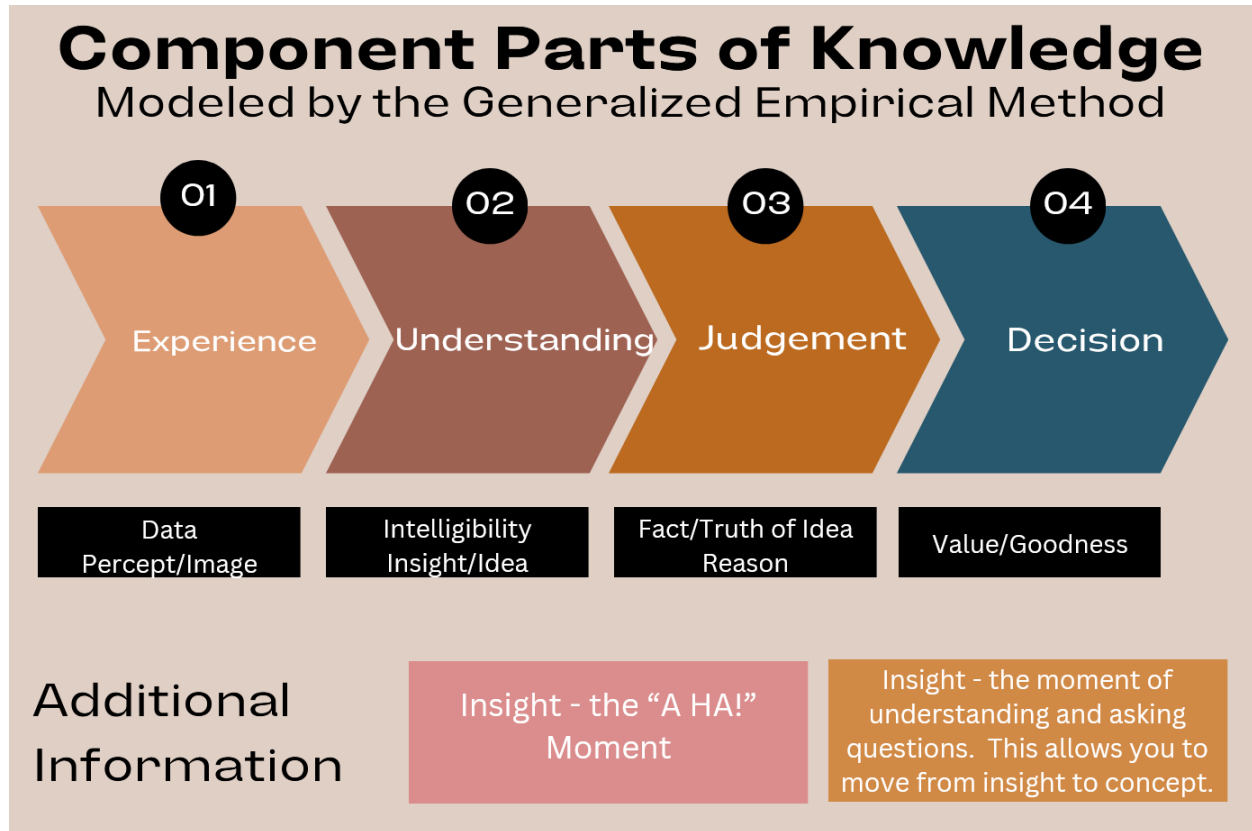


BL / BIO 4411 – Genes, Genomes, and Genomics
Course Project – Ethical Concerns in Genomics
Course Discussion Board: Understanding and Judgement

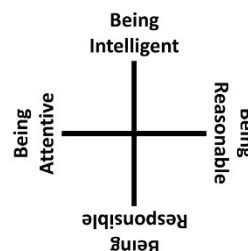


At this point in the project, you have already completed the first level of understanding: **Experience**.

- You have selected and had approved your topic for the ethics concern paper
- Through selecting your topic, you have engaged in collecting data, meaning-seeking, and being attentive/conscious to the problem at hand.

The next step towards knowing is understanding and subsequently judgement. These levels will help to prepare you for the culminating level of decision and build the scaffolding of your academic explanatory article.

- Being Attentive; *in Experience*
- Being Intelligent; *in Understanding*
- Being Reasonable; *in Judgement*
- Being Responsible; *in Deciding*



Ethical Concerns in Genomics – GEM Discussion

Part 1: Understanding

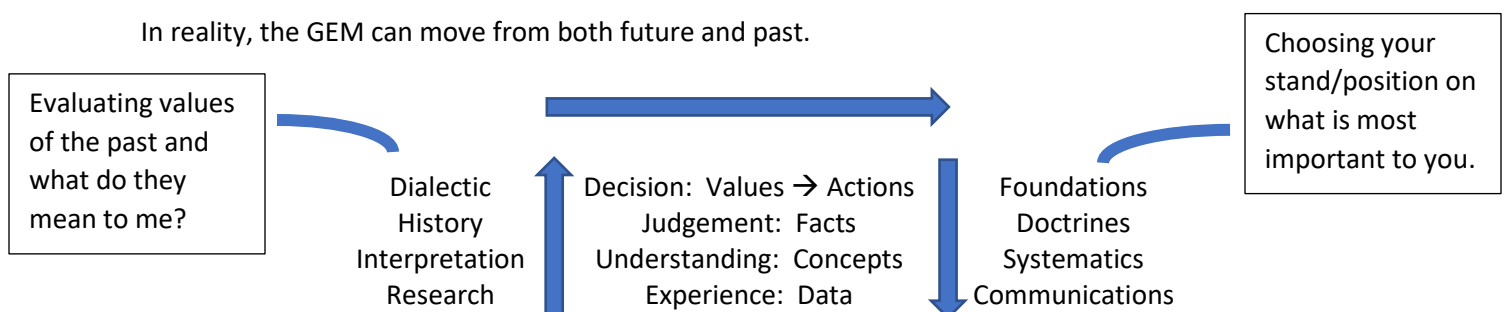
- Create an easily interpretable summary of the two (or more) points of view you are exploring in your ethical concern topic. This should be a comprehensive view of the different viewpoints on the topic. While you may not agree with a particular stance, you are to provide an unbiased review.
 - Summaries can be in table format, bullet points, paragraphs, or other ways that easily help to compare the viewpoints.
- Provide peers with a summary paragraph of the points outlined at the end.
- Please provide citations.

Part 2: Judgement

- Each student should pick **two topics** that are of interest and provide reasoned discussion and judgements on the facts and values outlined.
 - This should be a dialogue of back-and-forth discussion. Simple posts such as “great summary,” or “I agree,” or “I never though about this topic. Thank you for investigating this!” will not count. Discussion should be thoughtful, insightful, and helpful.
 - Students are also encouraged to provide information about what helped form their judgements. You may also reference back to the original “Understanding” post if the insights provided gave you an “A HA!” moment.
 - These discussions should be rooted in facts.
- Please provide citations as necessary.
- Original posters should respond to any responses on their topic.

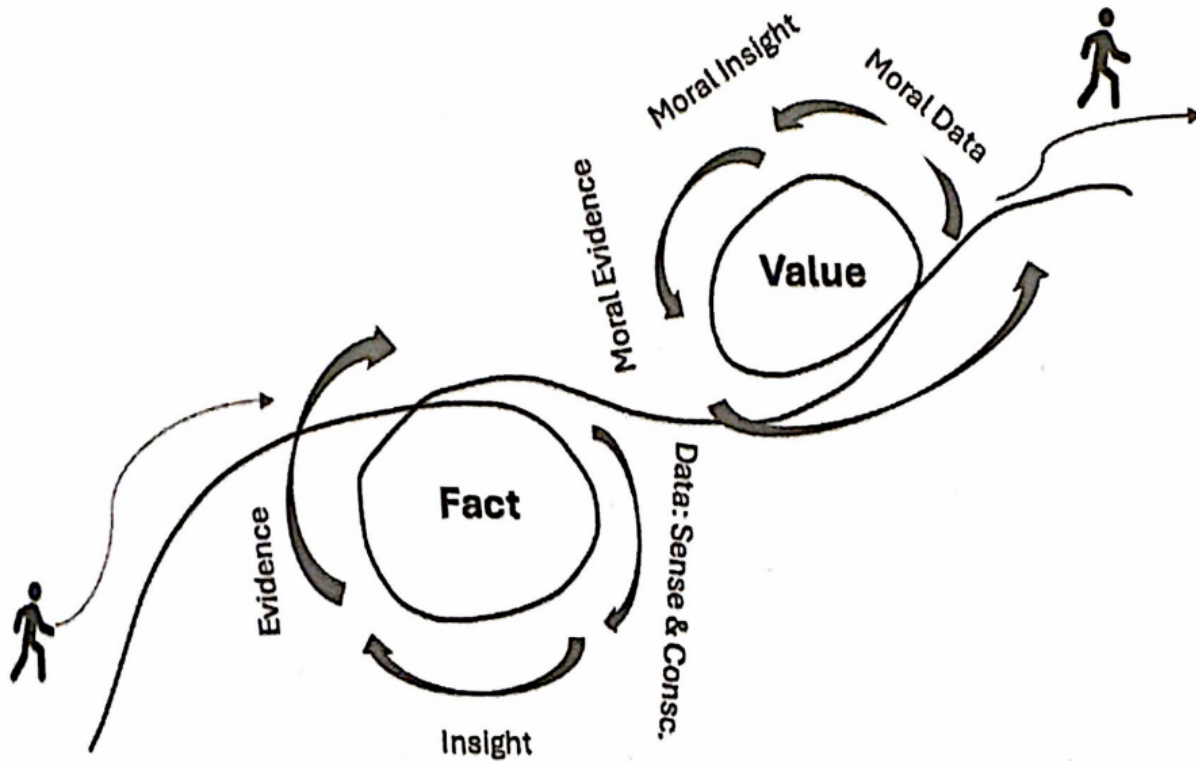
Using the information that you have gathered through Experience and Understanding as well as drawing upon the discussion in Judgement, you will be ready to write a comprehensive paper on your ethical concern. This will culminate in the 4th level; Decision. Within Decision, an assessment of values and goodness can be made. This allows you to reach intellectual conversion – to find oneself arriving at knowledge by attending, understanding, and judging. Meaning knowledge is intelligently grasped and rationally verified.

In reality, the GEM can move from both future and past.



DECISION: VALUING AND ACTING

Cognitional to Moral Intentionality



Source: Interiority; An Introduction to Bernard Lonergan's Transcendental Method published by the San Jose-Lonergan Chair in Catholic Philosophy at St. Mary's University. 2023.

Please contact Dr. James Greenaway for more discussion and questions on this method!

4th level: Decision:

What are the primary values you want your students/readers/participants to pursue?

3rd level: Judgment:

How do you verify truth claims in your field in order to affirm anything?

2nd level: Understanding:

What should your students/readers/participants intelligently grasp if they are to understand the key concepts?

1st level: Experience:

What should your students/readers/participants notice?