HISPANIC DEBATE WORKSHOP 2021
The workshop was developed to strengthen the skills of argumentation, rebuttal, fallacies, questions in the zig-zag discussion format.

WHAT WAS THE MOTIVATION?

Produce in young people the ability to use critical thinking when talking about synthetic biology and its taboos in Latin American society.

We start with debates in 2020.

The workshop featured two parts:

- Workshop stage
- Tournament debate stage

OBJECTIVES

- Develop Rhetoric skills
- Critical thinking
- Analyze synthetic biology topics

ORGANIZATIONS:

**MAIN ORGANIZATION:**
- iGEM Bolivia

**IN ASSOCIATION WITH:**
- iGEM Ecuador
- iGEM FCB - UANL
- iGEM UAM
FIRST DAY OF WORKSHOP

Coach: Antonio Zarate Ramos.

Workshop "Argumentation and Counter Argument"

Characteristics of modern argumentation:

1. Object
2. Locutor
3. Character

GRAHAM PYRAMID:

- refuting the central point
  - explicitly refutes the central point
- refutation
  - finds the mistake and explains why it’s mistaken using quotes
- counterargument
  - contradicts and then backs it up with reasoning and/or supporting evidence
- contradiction
  - states the opposing case with little or no supporting evidence
- responding to tone
  - criticizes the tone of the writing without addressing the substance of the argument
- ad hominem
  - attacks the characteristics or authority of the writer without addressing the substance of the argument
- name-calling
  - sounds something like, “You are an ass hat.”
SECOND DAY OF WORKSHOP

Coach: Jose Luis Feliciano Chipana.

Workshop "Roles of Judges and Zig Zag Format"

Zig Zag format stages:
- Argumentation
- Question
- Refutation
- Defending
- Conclusion

THIRD DAY OF WORKSHOP

Coach: Gabriela Rivadeneira Caballero MSc.

"Tutor from iGEM Bolivia"

Workshop "If it's controversial, do we debate?"

- Ground knowledge
- Legitimacy of defending facts
- Act against arguments that are contradictory to one's own
- Enjoy the moment of debate
- Listen, learn and be self-critical
DEBATE TOURNAMENT

Saturday, June 19th
Sunday, June 20th

HISPANIC DEBATE WORKSHOP 2021

Each room had:
1 head judge
4 panel judges
1 Moderator
1 Manager of the room

Semifinals Topics:
1. Should Synthetic Biology be restricted to prevent bioterrorism?
2. Is it ethical to use aborted human embryos for experiments?

Negative: FCB-UANL
Affirmative: iGEM Bolivia

Affirmative: UAM
Negative: SYNTHETIC BIOBOTS

Digital Platform: ZOOM

GRAND FINALE
You cannot miss the grand finale of this Hispanic debate tournament on Saturday, June 20 at 6:00 p.m. GMT-4.
It will be broadcast from the Facebook page of the organizing teams.
GRAND FINAL HISPANIC DEBATE WORKSHOP

Sunday, June 25th

Award team:
Jean Herdoiza (iGEM Ecuador)
Emmanuel Rojas (iGEM UAM)
Mónica Michelle Contreras Huanca (Bolivia)
Daniel Domínguez (Co-CEO ALLBIOTECH)

Endgame topic:
Should biotech companies be allowed to patent genetic heritage?

Affirmative: iGEM UAM
Negative: FCB-UANL

Digital Platform: ZOOM
This entire event was possible thanks to the organizing team that was able to work as a team to achieve shared goals.

**BOLIVIA TEAM:**
- Amiel Rudy Quino Mendoza, Student Member “iGEM Bolivia”
- Andrea Tambo Santos, Student Leader “iGEM Bolivia”
- Maite Buitrago Vallejos, Student Member “iGEM Bolivia”
- Jhoselyn Yucra Villegas, Advisor “iGEM Bolivia”
- Alejandra Guzmán Espino, Student Member “iGEM Bolivia”

**UAM TEAM:**
- Grecia García Elizalde, Student Leader “iGEM UAM”
- Adrián Quispe Gutiérrez, Student Leader “iGEM UAM”
- Benon Emmanuel Rojas Ramírez, Student Member “iGEM UAM”

**UANL TEAM:**
- Cynthia Valenzuela, Student Member “iGEM FCB-UANL”
- Luisa Rendon, Student Member “iGEM FCB-UANL”
- Octavio Armando Vera, Student Member “iGEM FCB-UANL”

**ECUADOR TEAM:**
- Jean Herdoiza, Student Leader “iGEM Ecuador”

We thank the entire Bolivian support team, the judges, workshops, and participants for taking their time to learn more about the debate. Thanks to ALLBIOTECH for being the main sponsor of this event.