

UNIVERSAL
EDUCATION
INITIATIVE





What is the impact of lack of education?
ARE YOU COMMITTED TO CHANGE THE WORLD?

ABUSES BY VENEZUELAN SECURITY FORCES

- More than **19,000** killings in alleged “resistance to authority” cases between 2016 and 2019.
- More than **15,000** arbitrary arrests since 2014. Many involving torture.
- More than **870** cases of civilians tried by military courts.

have been prosecuted by military courts.



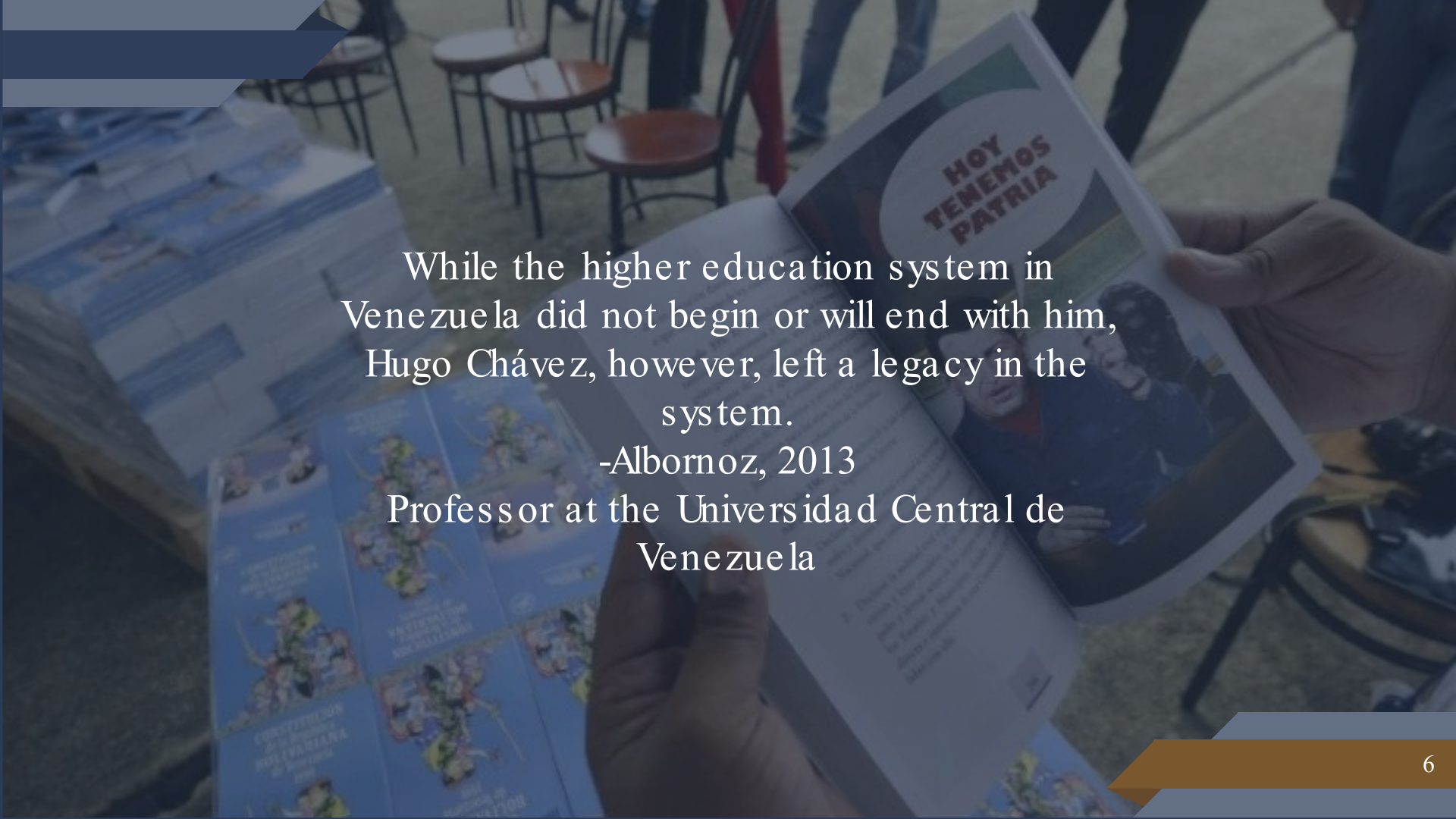
What's your story?
ARE YOU COMMITTED TO CHANGE THE WORLD?

EDUCATION

"The first duty of a government is to give education to the people."

-Simón Bolívar





While the higher education system in Venezuela did not begin or will end with him, Hugo Chávez, however, left a legacy in the system.

-Albornoz, 2013

Professor at the Universidad Central de Venezuela

WPI's Mission


WPI transforms lives, turns knowledge into action to confront global challenges, and revolutionizes STEM through distinctive and inclusive education, projects, and research.

-(Adopted by the Board of Trustees, October 29, 2021)



UNIVERSAL EDUCATION

The Universal Education Initiative (UEI) is a student-run nonprofit organization seeking to empower vulnerable communities through project-based education and educational media that address education gaps.



“Such a damaging combination of economic and social decline, as well as political strife, has had a severe, albeit far less publicized, impact on institutions of higher education.” (Navarro, 2023)

“68% of the total population of Latin America had access to the Internet in 2018, well below the average of OECD countries, which reached 84% in terms of access that same year; (ii) 75% of the richest population in Latin America uses the Internet and only 37% of the most disadvantaged population uses it.” (Antón-Sancho et al., 2022)

“Venezuelan university professors report lower digital competence than their colleagues from Latin American countries with low levels of digitalization”...“Consequently, it is advisable to increase the funding of Venezuelan universities in the digitization of teaching processes.” (Antón-Sancho et al., 2022)


“Venezuela’s situation underlines that setting up a technical infrastructure does not automatically lead to more and better-qualified personnel.” (Fecht & Diethelm, 2014)

Consequently, it is advisable to increase the funding of Venezuelan universities in the digitization of teaching processes. (Antón-Sancho et al., 2022)

Aiming for Quality Education

A group of five students are gathered around a wooden table in a workshop or classroom. On the left, a man with glasses and a beard is looking at a laptop. In the center, a woman in a red hoodie is writing on a piece of paper. To her right, another woman in a grey hoodie is also writing. On the far right, a man in a red hoodie is using a tool to work on a piece of metal. The table is cluttered with papers, a yellow tape measure, and other workshop items. Large windows in the background show a brick building and trees.

“Greater and more equitable access to quality education at all levels as well as technical and vocational education and training (TVET); and the knowledge, skills and values needed to function well and contribute to society.”
(United Nations Statistics Division, n.d.)



The development of the Educational Centers in Venezuela will be successful in providing quality education through accessible and technologically equipped centers driven by the UN sustainability goals, online educational platforms developed by WPI students starting with Computer Science introductory courses, and the ability to expand the classes as the centers become scalable.



OUTLINE

- A WPI student organization of volunteers/facilitators who come from all different majors and backgrounds



OUTLINE

- The first project of UEI is to develop an educational platform with Programming Introductory Courses (developed by WPI students)



OUTLINE

- And establish a physical community education center in Mérida, Venezuela, to ensure equitable and accessible education, particularly in STEAM fields; which has been neglected due to the humanitarian crisis in the country

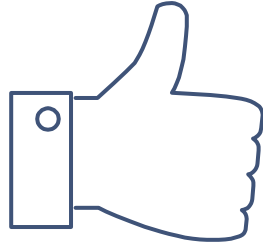


DIFFERENTIATION

Projects that
will generate
value

Project-based
learning

Online
Platform



THANKS!

Do you want to join?

You can find me at your <3
and also as: caguillengonzale@wpi.edu

References

A Project-Based Education | Worcester Polytechnic Institute. (n.d.). Retrieved February 15, 2023, from <https://www.wpi.edu/project-based-learning/project-based-education>

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