



## *Phys. Joselin Elizabeth Guananga Gavilanez*

### Personal information

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<b>Names:</b>	Joselin Elizabeth
<b>Surnames:</b>	Guananga Gavilanez
<b>Identification card:</b>	1722023940
<b>Marital status</b>	Single
<b>Nationality:</b>	Ecuadorian (Mestizo)
<b>Age:</b>	24 years
<b>Date of Birth:</b>	07/13/1998
<b>Place of birth:</b>	Riobamba-Ecuador
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### Applied studies

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- **2022:** *(Student) Master's degree in Applied Physics with a mention in Nanotechnology* – Universidad de Investigación de Tecnología Experimental Yachay, (Yachay Tech).
- **2022:** *Physics* – Escuela Superior Politécnica de Chimborazo, (ESPOCH).

### Courses

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- Nanotechnology, Theoretical Physics and Astrophysics Course “First Edition Astrophysics Week” (16 hours).

- XVI Physics Meeting "Computational Challenges in Contemporary Physics" (40 hours).
- Course on interdisciplinary scientific and humanistic projects in curricular planning (40 hours).

## Aptitudes

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- I characterize myself as an agile, safe, honest, respectful, supportive and leader person with a high sense of responsibility. In addition, a favorable social and professional conduct.
- I am characterized by my great curiosity and interest in scientific research, so I can say that I have a great capacity to get involved in academic and research activities. In addition, one of my passions is to impart and guide knowledge to new minds that are being formed at a scientific level.

## Knowledge

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- Mastery in Physics and Mathematics.
- Knowledge in Radiation Physics.
- Academic support activities in the Electromagnetism, Optics and Modern Physics laboratory.

## Academic experience

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- **Vice President of the Student Association of the Physics major (Feb 2021-2022).**

Student representative of the Physics career, in the Faculty of Sciences of the Higher Polytechnic School of Chimborazo. This position helps me to work as a leader with groups of students, in addition to managing planning and compliance with academic and interdisciplinary projects of a scientific nature.

## Research Experience

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- Publication of a scientific article called "Analysis of the incidence of a radioactive source in a bipolar scalpel for resection of carcinomas in ex vivo tissue" as first author in the electronic journal "Alfa Publicaciones" Vol 4, Num 3. Vanguardia, July-September 2022.  
DOI:<https://doi.org/10.33262/ap.v4i3.230>

## Work experience

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- October 2020 – May 2021: Work practices in the Laboratory of Electromagnetism, Optics and Modern Physics.
- March 2018 – Present: Private classes and accompaniment as tasks aimed at High School and University students who request training in Physics and Mathematics.
- August 2022 – November 2022: High school teacher, teaching subjects: Physics and Mathematics. *Unidad Educativa Paul Dirac*.
- November 2022 – Present: Teaching Technician 1. *Universidad de Investigación de Tecnología Experimental Yachay, (Yachay Tech)*

## References

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- Biof. Gabriela Ureña, +593 99 644 2638
- Matt. Marcelo Cortez, +593 99 660 3873
- MsC. Monica Cudco, +593 99 294 5214
- MsC. Diana Salamea, +593 98 885 8730
- Lic. Antonio Castillo, +593 98 386 7765
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