



OLGA LUCÍA CASTIBLANCO ABRIL
Ph.D. in Science Education

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28 years of experience in physics teaching and research, working at various levels and educational contexts as Basic education, High School, Undergraduate, and Graduate.

EDUCATION

- Ph.D. in Science Education from the State University of São Paulo. Bauru, SP, Brazil, 2013.
- Magister in Physics Teaching from the Universidad Pedagógica Nacional. Bogotá, 2003.
- Degree in Physics Teaching (Licenciatura en Física) from the Universidad Distrital Francisco José de Caldas. Bogotá, 1996.

PROFESSIONAL POSITION HELD

- Professor and researcher at Universidad Distrital Francisco José de Caldas, working mainly in the Teaching of Didactics of Physics, from 2008 to today.
- Physics and Mathematics teacher at the District Secretary of Education, in Bogotá public schools, 1998-2008.

RESEARCH AND KNOWLEDGE DISSEMINATION

Founder and Director of the Research Group “*Teaching and Learning Physics*”, 2007-Today. Currently with 31 oriented undergraduate degree projects, 10 master's theses, 3 doctoral internships, 1 co-direction doctoral thesis. I have also published 5 books, 48 papers, 9 book chapters, and 103 presentations at national and international academic events. I have also been invited as a keynote speaker and workshop facilitator to 37 national and international academic events.

<https://comunidad.udistrital.edu.co/geaf/index-2/>

EDITOR

Founder and Editor chief of the Journal “*Góndola, Teaching and Learning Sciences*”, indexed in databases such as; Emergin sources publishing citation index Web of Science, EBSCO, LATINDEX, ERIHPLUS, EuroPub, REDIB, CAPES quails, DIALNET, among others. The journal publishes research results in physics, chemistry, biology, astronomy and mathematics teaching, contributing to build researchers' networks in this area through Iberoamerica, 2006-Today. (<https://revistas.udistrital.edu.co/index.php/GDLA>).

COURSES OFFERED

Introduction to Didactics of physics (experimentation approach)
Didactics of Physics I, II and III (Disciplinary, Sociocultural and Interactional Dimension)
Typologies of experimentation in Didactics of Physics
Epistemology of physics for teaching.
Methodologies for physics teaching
Research in Physics Teaching.
Mechanical physics, optics, thermodynamics, electromagnetism. And others.

LANGUAGES

Spanish native. English level B2. Portuguese in superior level. French at acceptable level.

PROFESSIONAL HONORS, AWARDS

Award for Excellence. Good Practices in Pedagogical Innovation, by the Ministry of National Education, MEN, Co-Lab, Colombia. With the project "Education of the Professional Identity of the teacher, through the dimensional teaching of the Didactics of Physics". Bogotá. (2021).

Success Women Award, educational category, by the Fundación Mujeres de Éxito, with the project "Training physics teachers as engines of socio-cultural transformation". Bogotá. (2020).

Mention for academic and research merit, for the investigative work with the Teaching and Learning Research Group, awarded by the Center for Research and Scientific Development, at Universidad Distrital Francisco José de Caldas, Bogotá. (2013 y 2023).

COMMUNITY SERVICE

PEER REVIEWER of papers in 21 International Journals, research projects in 13 universities in Colombia, Master and doctoral thesis in 4 universities in Colombia and Brazil.

BOOKS

Castiblanco, O. (2023). *La Dimensión Sociocultural de la Didáctica de las Ciencias: desde la formación de profesores de física*. Editorial UD, Bogotá.

Castiblanco, O.; Nardi, R. (2023). *Didáctica de la Física*. Editorial Escrituras, Brasil, 3ª Ed.

Castiblanco, O. (2021). *Tipologías de experimentación para la enseñanza de la Didáctica de la Física*. Edições Hipótese, Itapetininga, Brasil.

Castiblanco, O. et al. (2021) *¡Mami!, ¡Descubrí algo!* Editorial Letrame, España.

Castiblanco, O.; Vizcaíno, D. *Construyendo el concepto de vacío*. Editorial Pemo, Bogotá.