

OSCAR ANDRES BETANCOURT BARON

Bilingual Mechanical Engineer, post-graduated in Pedagogy and Mathematics Education. Extensive experience in teaching mathematics, geometry, physics, statistics, technology, their applications, and relationships with society. Creative and innovative in renewing educational processes. Expert applying everyday experience and the continuous updating for building professional relationships with teenagers. Participation in the implementation of the International Baccalaureate. Excellent interpersonal skills and effective teamwork ability.

STUDIES

- **University of Alabama.** Master's Degree in Arts in Secondary Education. In progress.
- **IPN de México. Unidad CICATA.** Master's Degree in Science in Mathematics Education. 2019.
- **Universidad Pedagógica Nacional.** Specialist on Pedagogy. 2002.
- **Universidad Nacional de Colombia.** Mechanical Engineer. 1997

- **TPAPT** - SAT & ACT Tutor Training Certification – In progress.
- **Global Online Academy** - Desinging for Online Learning - June 2020
- **5to Congreso Internacional de Matemática Educativa CIME** – Speaker - September 2019
- **Centro de Investigación Educativa y Social FUNDACIES** - ¡Learning that matters! - April 2014
- **Universidad de la Sabana** – Significant Learning Experiences for Mathematics - April 2013
- **William Glasser Institute** – Choice Theory - Advanced Intensive Week – July 2011
- **Gimnasio Los Cerezos** - Quality Management Systems – ISO 9001 - September 2007 – March 2008
- **Internacional Baccalaureate Organization** - Introduction to Elementary Program - August 2007
- **U. del Rosario** - Higher Education, Pedagogy and University Management. – April 2003 – October 2003
- **Centro Colombo Americano** - Spotlights on American English - February 2002 – October 2003
- **Alecop – Didáctica** - Technology Education - July 1999

WORK EXPERIENCE

COLEGIO NUEVA GRANADA CNG - December 2017 – February 2021

Bilingual Substitute Teacher for HS in Math and Physics

Work in Algebra, Geometry, Pre-calculus, Physics, and Math Olympics Sponsor for MS and HS.
Immediate Directive: Iván Velasco - ivvelasco@cng.edu

SAN MATEO – SAINT MATTHEW SCHOOL - August 2014 – June 2017

Bilingual Teacher for Seventh, Tenth, and Eleventh Grade and Group Director

Work in Algebra and Geometry in MS, Pre-calculus and Physics in HS.

Immediate Directive: Elisa Lesmes – elesmes@csma.edu.co

ROCHESTER SCHOOL - August 2010 – June 2014

Bilingual Teacher and Group Director

Work in Mathematics, Geometry, Statistics, Physics in MS and Graduation Project for HS.

Immediate Directive: Ma del Pilar Tunarroza – mptunarroza@rochester.edu.co

COLEGIO INTERNACIONAL BOSTON - August 2008 – July 2010
Bilingual Teacher and Fifth Grade Group Director
Work in Mathematics and Geometry in ES and MS.

GIMNASIO CAMPESTRE LOS CEREZOS IB - August 2007 – June 2008
Bilingual Teacher, Consultant and Fifth Grade Tutor
Work in Mathematics and Geometry in ES and Business Administration in MS.

UNIVERSIDAD DEL ROSARIO – ESCUELA DE CIENCIAS HUMANAS - Aug 2003 – Jun 2006
2nd Sem. Professor - Courses "Fundamental Concepts of Technical" and "Technological Revolutions"

SECRETARIA DE EDUCACION – IED ALMIRANTE PADILLA - February 1998 – July 2007
Technology Education Teacher for HS - Development of HS programs in Technology Education.
Member of Academic Council 2002 and 2005.

INVESTIGATIONS

San Mateo Apóstol – Instituto Politécnico Nacional
Image of Mathematicians According to Fourth Grade and Eleventh Grade Students from Bogotá.

ALECOP – Didáctica Recursos Educativos – Universidad Pedagógica Nacional Classroom-
Workshop Model for Technology Education to the Secondary Level.

INNOTECH – Universidad Nacional de Colombia
Feasibility Study for the Establishment of an Industrial Predevelopment Centre with Emphasis on the
Engineering Sector.

ADVISORY AND CONSULTING

- **Participation in the Quality Certification ISO-9001** Gimnasio
Campestre Los Cerezos.
- **External Advisory “Escuelas que Educan y Sanan” Project.**
Universidad del Rosario – BID Programa Japón.
- **Implementation of Technology Education Project.**
IED Almirante Padilla
- **School reinforcement for tenth and eleventh grade students in physics
and calculus.** Colegio Marruecos y Molinos.

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