

ISABEL LONDONO MARULANDA

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I. Education

Universidad de los Andes, Bogota, Colombia. August 2011 – May 2018.

- School of Medicine. (GPA 4.23/5.0)
- Elective rotations:
 - Critical Care at Fundacion Santa Fe de Bogota, Colombia (December 2018)
Supervisor: Yenny Rocio Cardenas (yennyrocio24@gmail.com)
 - Anesthesiology at Fundacion Santa Fe de Bogota, Colombia (January 2018, August-September 2016)
Supervisor: Leopoldo Ferrer (lferrer@uniandes.edu.co)
 - Interventional Pulmonary at Beth Israel Deaconess Medical Center (February 2018)
Supervisor: Adnan Majid (amajid@bidmc.harvard.edu)
 - Critical Care at Mayo Clinic, Rochester, Minnesota, USA (March 2018)
Supervisor: Matthew Ritter (Ritter.Matthew@mayo.edu)
 - Thoracic Anesthesia – Beth Israel Deaconess Medical Center, Boston, USA (April 2018)
Supervisor: John Pawlowski (jpawlows@bidmc.harvard.edu)
 - Cardiovascular Anesthesia at Weill Cornell Medical College - New York Presbyterian, New York, USA (May 2018)
Supervisor: Meghann M. Fitzgerald (mmf9003@med.cornell.edu)

II. Work Experience

Project's assistant–Anesthesiology.

Universidad de los Andes. School of Medicine, Bogota, Colombia.

Supervisor: Leopoldo Ferrer, MD (lferrer@uniandes.edu.co), Elena Trujillo, MD (etrujill@uniandes.edu.co)

- December 2016 - June 2017

Assisted in the educational transformation of the undergraduate Anesthesiology program at Universidad de los Andes. Worked as part of a multidisciplinary team to develop an online platform to integrate virtual and clinical spaces for an improved learning. Assisted in the development of clinical cases and simulation scenarios. Participated in curriculum modification and in the implementation of the program.

Teaching Assistant – Anesthesiology.

Universidad de los Andes. Faculty of Medicine, Bogota, Colombia.

Supervisor: Leopoldo Ferrer, MD (lferrer@uniandes.edu.co)

- Period 1: January 2016 – June 2016
- Period 2: July 2016 – December 2016

Prepared and scheduled lectures and rotations. Participated in the creation of clinical cases and assisted in weekly simulation scenarios. Conducted review sessions for 4th-year medical students prior to exams. Submitted questions for evaluations.

Teaching Assistant – Legal Medicine and Forensic Science.

Universidad de los Andes. Faculty of Medicine, Bogota, Colombia.

Supervisor: Jorge Andres Franco, MD (drjafranco@gmail.com)

- Period 1: July 2016 – December 2016

Prepared and scheduled lectures and rotations. Assisted in fetal dissection workshops. Submitted questions for evaluations. Conducted review sessions for 4th-year medical students prior to exams.

Teaching Assistant – Immunology

Universidad de los Andes. Faculty of Medicine, Bogota, Colombia.

Supervisor: John Mario Gonzalez, MD, PhD (johgonza@uniandes.edu.co)

- Period 1: July 2016 – December 2016

Developed clinical cases and questions for evaluations. Conducted review sessions for 2nd year medical students prior to exams. Assisted in immunology laboratory sessions.

Teaching Assistant – Medical Parasitology

Universidad de los Andes. Faculty of Medicine, Bogota, Colombia.

Supervisor: John Mario Gonzalez, MD, PhD (johgonza@uniandes.edu.co)

- Period 1: July 2014 – December 2014
- Period 2: January 2015 – June 2015

Developed clinical cases and questions for evaluations. Conducted review sessions for students before exams. Assisted in parasitology laboratory sessions.

III. Research Groups

Basic Medical Science Laboratory at Universidad de los Andes (CBMU)

Supervisor: John Mario Gonzalez, MD, PhD (johgonza@uniandes.edu.co)

<http://labcbmu.wixsite.com/cbmu>

January 2013 – Current

Developing the project: “Participation of innate intracellular receptors in the infection of non-immune cells by *Trypanosoma cruzi*”

Protocol conception and design, data collection, statistical analysis, poster presentation and manuscript writing.

-Main areas of work: adherent and non-adherent cellular cultures, antibodies and flow cytometry.

Public Health, Education and Medical Professionalism research group

Supervisor: Elena Maria Trujillo, MD (etrujill@uniandes.edu.co)

December 2016 – Current

As part of the project: “Research on the educational transformation of the undergraduate Anesthesiology program”

Project design, data collection, manuscript writing.

IV. Languages

- **Spanish:** Fully proficient conversational and medical.
- **English:** Fully proficient conversational and medical.

V. Areas of Interest

- Anesthesiology, critical care, cardiovascular and pulmonary physiology, immunology.

VI. Accreditations

- USMLE Step 1 passed: June 2015. (Score: 235, first intent).
- USMLE Step 2 clinical knowledge passed: May 2017. (Score: 258, first intent).
- PALS (*Pediatric Advanced Life Support*), October 2016.
- ACLS (*Advanced Cardiac Life Support*), May 2016.
- BLS (*Basic Life Support*), May, 2016.

VII. Non-Peer Reviewed Publications in Print or Other Media

Poster presentations:

1. “Participation of innate intracellular receptors in the infection of non-immune cells by *Trypanosoma cruzi*” Londono, Isabel., Gonzalez, John Mario.
Presented at:
 - Latino American Parasitology Congress (FLAP) at Santiago de Chile, Chile. December 2017.
 - Second Colombian Reunion of Leishmaniasis and Chagas Disease at Universidad de los Andes, Bogota, Colombia. April 2017.

- Third meeting of researchers at Fundacion Santa Fe de Bogota, 2016. Second place winner for a basic science poster.

VIII. Volunteer experience

Summer Immunology Program

Supervisor: John Mario Gonzalez, MD, PhD (johgonza@uniandes.edu.co) June 2016

Participated in this summer program for High School Students. Developed activities and provided orientation during laboratory sessions.

Tutoring sessions

January 2015 – July 2017

As part of a Student Council initiative, provided tutoring in areas that included immunology, parasitology, physiology and anesthesiology.

IX. Others

- Writing in the Sciences by Stanford University on Coursera. Certificate earned on January 21, 2018
- Attended workshops in general aspects of echography and titration of opioids in the recovery room during the conference: Current Tendencies in the Management of Acute Perioperative Pain and the Use of Ultrasound in the Operative Room. Fundacion Santa Fe de Bogota, October 2016.