

Maria Artunduaga, MD, MPH, MTMc

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Education

University of California, Berkeley - Berkeley, CA

University of California, San Francisco - San Francisco, CA

2016-2017

Master of Translational Medicine, GPA 3.91

Concentration: Entrepreneurship and Business development

- Capstone project: "Smart Pessary: A clinical device intended for early detection of preterm labor."
- Clinton Foundation Innovative Student Leader '17
- 3rd Place, Big Ideas @ Berkeley
- Runner-up, OSAA Med Tech collider
- Top Finalist, Social Impact Lab, Yale GHIC '17
- Top Finalist, Bay Area Global Health Innovation Challenge '17
- Gilead Foundation Global Health Scholar
- MTM Grant for Professional and Academic Achievements
- Extracurricular - Haas Healthcare Association, Berkeley Entrepreneurs Association, Co-founder of UCSF Global Health Sciences & UCB Translational Medicine Student Initiative.

University of Washington - Seattle, WA

2014-2016

Master of Public Health, GPA 3.62

Major concentration: Global Health Leadership, Policy and Management

Minor concentration: Implementation Sciences, Epidemiology and Biostatistics

- Thesis Project: "A Qualitative Assessment of Breast Cancer Advocates in Bolivia, Colombia, Ecuador and Peru."
- Top Finalist, UW Health Innovation Challenge
- Thomas Francis, Jr. Global Health Fellowship
- Partial Academic Scholarship
- Extracurricular – Class of 2014 Representative, GO-MAP Graduate Diversity Ambassador, Co-founder of the Global Health-Bioengineering Student Initiative, Global Health Resource Center Advisory Board and Global Health Diversity and Inclusion Committee Student Representative.

Pontificia Universidad Javeriana - Bogotá, Colombia

Biomedical Research Certificate, GPA 3.95

2005-2007

Medical Doctorate, GPA 3.81

1997-2003

- Graduated with Highest Distinction (Top 5)
- Colombia's Presidential Scholar (Top 20 in the nation)
- Andrés Bello Scholarship (Highest academic accolade in Colombia)
- Extracurricular – Co-founder of the Colombian Society for Medical Students and Residents, Class of 1997 Representative to the Medical Student Organization and the University Council.

Experience

University of California, San Francisco - San Francisco, CA

Department of Bioengineering and Therapeutic Sciences

September 2016 - Present

Translational Medicine Specialist – Global Health Team Lead

- Technical expert providing clinical, regulatory and reimbursement guidance for early-stage products including trials design, facilitation of critical information flow between stakeholders, and fundraising.
- Manager of operations for successful product launches, including building new partnerships within the UC system, industry and investors.
- Team leader in two global health projects that have successfully secured funding for prototype development in less than 6 months.

UW Harborview Medical Center - Seattle, WA

Harborview Injury and Prevention Research Center

August 2015 - December 2015

Global Implementation Team Lead – Scientist Consultant

- Strategic leadership role responsible for collecting research data in Colombia in eight weeks.
- Secured 10 partnerships with the Colombian government, private and public hospitals in four months.
- Contributed to the development of quality improvement programs in trauma care delivery impacting 10 hospitals in Colombia in a one-year period.
- Authored "Status of Trauma Quality Improvement Programs in the Andean Region: What Foundation Do We Have to Build on" to be published in *Injury* in June 2017.

PATH - Seattle, WA

Diagnostic Technologies, G6DP Project

Summer 2015

Postgraduate Regulatory Affairs and Business Development Intern

- Mapped new supply chain routes for distributing point-of-care diagnostics in Brazil, reducing project time by 10% in seven weeks.
- Advised senior business and technical, and executive management to deliver global product changes and implement changes rooted in authentic understanding of and experience in local contexts.
- Facilitated U.S.-to-Brazil product transfer via a strong partnership with Pan American Health Organization (PAHO).

Base10Labs - Chicago, IL

Medical IT/Software, Ear Machine Project

July 2012 - June 2014

Digital Health Consultant

- Provided leadership to in-house tech team via training and analysis of customer requirements.
- Designed reimbursement plans according to value-based payments and helped with strategic pricing of new mobile technology product.
- Customer Company acquired by Bose for \$80M after two years of streamlining their processes (successful exit in 4 years after founding).

University of Chicago Medicine - Chicago, IL

Department of Surgery

June 2011 - July 2012

Surgery Intern (categorical)

- Examined patients in emergency and outpatient settings, diagnosed and tested results to verify necessity of admission or surgical interventions.
- Supervised surgical patients on the floor and assured plans were implemented throughout the day.
- Coordinated discharge of surgical patients across multidisciplinary teams and skilled nursing facilities.

Harvard Medical School - Boston, MA

Department of Human Genetics, Microtia Project

June 2007 - May 2011

Physician-Scientist Scholar in Residence

- Led patient recruitment in South America with 100% success, increase microtia DNA bank by 500% in one year, leading to the publication of two groundbreaking discoveries two years after my hiring.
- Authored first-ever and largest microtia twin study in the *New England Journal of Medicine* and co-authored five more papers and book chapters, including one on de-novo copy number variations (CNVs) in *Nature*.
- Granted permanent U.S. residency as four years after relocating to the U.S. for research contributions to the genetics field. Awarded with an international fellowship, and two national research prizes.

Clínica La Carolina - Bogotá, Colombia

Emergency Department

January 2005 - January 2007

Emergency Room Doctor

- Created new training modules in Basic and Advanced Cardiac Life Support for ED staff.
- Developed a strategic plan to streamline patient triage reducing downtime by 30%.
- Coordinated efforts between floor team (n=5) and ED (n=3) to ensure patient safety during night shifts.

Hospital Divino Niño - Rivera, Huila, Colombia

General Medicine

March 2004 - December 2004

General Practitioner

- Improved neonatal morbidity by 10% and mortality rates by 8% via quality improvement programs.
- Established first Urgent Care division. The program is still functioning 11 years later.
- Developed a dashboard to document week-by-week metrics leading to the hospital's improved visibility in the community and increasing hospital visits by 25%.

Key Proficiencies

Languages and software: Fluent in English, native Spanish speaker, proficient in Portuguese and French. R, Epi Info, Stata, ATLAS.ti, Tableau.

Research and lab work: DNA/RNA/protein isolation from human samples, qRT-PCR, DNA-seq, RNA-seq. Manuscript and Grant writing. IRB development. Program monitoring and evaluation. *CRA certification by July 2017.*

Business: Market research and analytics, strategic management, new product development process, business and public policy, global health regulations and law, international business implementation. *PMP certification by July 2017.*