

BRAIS PEREZ GANDARA, M.D.

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Green Card Holder

RESEARCH EXPERIENCE

Research Fellow

2018 (Present)

Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, USA

PI: Robert E. Gerszten, M.D.

- Metabolomic and proteomic profiling of exercise-induced dyspnea
- Non-alcoholic steatohepatitis registry for bariatric surgery patients
- Clinical evaluation of novel markers of myocardial ischemia
- Clinical evaluation of novel markers of myocardial injury

Research Student

2015 - 2016

University Hospital Nuestra Señora de la Candelaria, University of La Laguna, Tenerife, Spain

- Usefulness of a smartphone-based backup system for therapeutic adherence (Recetapp):
 - Teamed with residents in the explanation of the project to prospective participants and in the inclusion of those who accepted into the study. Also partnered with the residents in the data gathering through telephone interviews with the participants, and explained the functioning of the app after setting it up
 - Used statistical package SPSS Statistics to analyze the data
 - Presented a preliminary report as my final grade project in front of an academic jury
 - The project was presented in the Congress of Canary Islands Family Medicine Society (SOCAMFYC)

Research Student

2015 - 2016

University Hospital Nuestra Señora de la Candelaria, University of La Laguna, Tenerife, Spain

PI: Manuel Ángel Barrera Gómez, M.D.

- EUROSURG-1: Obesity in major gastrointestinal surgery
 - EUROSURG is a European medical student and physician network who collaborate together to run high-quality, multi-center, international studies
 - In the EUROSURG-1 project 2519 patients were included across 127 hospitals in 7 countries
 - Coordinated with a national and an international committee in charge of the project
 - Assessed inclusion and exclusion criteria, and later selected patients and gathered the relevant data for the project. Uploaded all data to the online platform REDCap
 - Teamed with resident and attending physicians for the data validation purposes

EDUCATION

USMLE STEP 2CS - 2018

USMLE STEP 2 CK - 260 2017

USMLE STEP 1 – 256 2016

**University of La Laguna School of Medicine, Tenerife, Spain
2010-2016**

Doctor of Medicine (M.D.)

Exchange at Medical University of Silesia, Katowice, Silesia, Poland 2014-2015

Recipient of Erasmus + Scholarship

Recipient of Government of Canarias Scholarship

LEADERSHIP AND VOLUNTEER EXPERIENCE

ECUSA (Spanish Scientists in the USA), Boston, MA 2018 (Present)

Member of the Board of Directors

IT and Website manager of ECUSA-Boston

- Cambridge Science Festival (April 2018): participated in ECUSA's setup where "experiments" were reproduced in front of children in order to arise their interest in science
- Hands-on Resume Workshop: "How to prepare your best resume for Industry" (July 2018)

Spanish Red Cross, Tenerife, Spain 2016 (Present)

Volunteer Member

- Camp Hospital at the Carnival of Santa Cruz de Tenerife 2016 (Feb-Mar 2016):
Performed triage duties
Helped in acute management of patients
Acted as a liaison between physicians and nursing team

DINARIFE, Tenerife, Spain 2015

Volunteer entertainer and caretaker

- Designed games and activities to enhance creativity and cooperation among children
- Monitored and supervised the games in inflatable slides
- Participated in handicraft and makeup tents in all-day events

LANGUAGES

English: Advanced English Proficiency

Spanish: Native Language

COMPUTER SKILLS

REDCap: experience in building databases in my research roles at the University of La Laguna and in BIDMC

SPSS Statistics: Experience in statistical analysis while in University of La Laguna

STATA: Experience in statistical analysis outside of research projects

R Statistics: Relative experience in building statistical models

PUBLICATIONS

Journal Publications

EuroSurg Collaborative* (collaborator **B Perez-Gandara**). Body mass index and complications following major gastrointestinal surgery: A prospective, international cohort study and meta-analysis. *Colorectal Dis.* 2018 Jun 13. doi: 10.1111/codi.14292

Journal Papers in Review

Luis Alvarez-Acosta, Marcos Pedro Farráis Villalba, Javier Lorenzo-González, Leydimar Adel Anmad Shihadeh Musa, **Brais Pérez-Gándara**, Juan Francisco Navarro-González, Lina Inmaculada Pérez Méndez, Carmen Mora-Fernández, Julio Salvador Hernández-Afonso. Utilidad de un sistema de apoyo para la adherencia terapéutica basado en plataformas móviles en cardiología (Cadhencia). (Submitted to *Medicina Clínica*)

B Perez Gandara, JM Robbins, EV Gelfand. Myocardial Infarction in a Patient with Hyperventilation: A Case Report and Review of the Literature. (Submitted to *American Journal of Cardiology*)