

# JESSICA L. PEREZ, MD

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## RESEARCH EXPERIENCE

**Research Fellow** 2018-Present

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

Principal Investigator: Robert E. Gerszten, MD

- Clinical evaluation of novel markers of myocardial ischemia
- Clinical evaluation of novel markers of myocardial injury
- Metabolomic and proteomic profiling of exercise-induced dyspnea

**Research Fellow** 2018-Present

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

Principal Investigator: Jonathan Waks, MD

- Global Electrical Heterogeneity and Clinical Outcomes (GEHCO)
  - Retrospective multicenter cohort designed to validate an independent association of ECG GEH with sustained ventricular tachyarrhythmias and appropriate implantable cardioverter-defibrillator (ICD) therapies, and to validate GEH ECG risk score for prediction of sustained ventricular tachyarrhythmias and appropriate ICD therapies in systolic heart failure patients with primary prevention ICD

**Research Student** 2015-2016

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

Principal Investigator: Julio César Jordán Balanzá, MD, PhD

- Molecular Biology in the Thyroid Nodule
  - Evaluation of the utility of BRAF V600E mutation in thyroid cytology obtained by Fine Needle Aspiration during preoperative diagnostic protocol of thyroid nodules to highlight cases of Papillary Thyroid Cancer not detected in the cytological analysis, and to implement it as a method complementary to the preoperative cytological diagnosis
  - Collaborated with neck endocrine surgeons in the elaboration of the study design and the selection of the study population
  - Performed data analysis with SPSS Statistics
  - Drafted initial abstract, later presented at the XXXI Congress of the Spanish Society of Surgery (SEC)

**Research Student** 2015-2016

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

Principal Investigator: Manuel Ángel Barrera Gómez, MD

- EUROSURG-1: Obesity in major gastrointestinal surgery

EUROSURG is a European medical student and physician network in collaboration to run high-quality, multi-center, international studies

EUROSURG-1 project:

- 2519 patients were included in 127 University Hospitals across 7 countries
- Coordinated with national and international committees in charge of the project
- Study population included adults undergoing both elective and emergency gastrointestinal resection, reversal of stoma or formation of stoma. The primary end-point was 30-day major complications (Clavien-Dindo Grades III-V)
- Uploaded clinical data on REDCap
- Teamed with resident and attending physicians for the data validation process

EDUCATION
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<b>Harvard T. Chan School of Public Health, Boston, MA, USA</b>	2018-Present
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**“Principles and Practice of Clinical Research”**

- Developed skills in clinical research in a highly interactive and international environment that helped foster future collaborative, multicenter projects
- Developed abilities in basics of clinical research, statistical methods, data collection, monitoring and reporting, and study designs
- Utilized a discussion forum to debate weekly lectures with international peers
- Completed practical assignments related to weekly lectures, including statistics assignments using the Stata 15 statistical package
- Participated in a group research project with international peers to design a study for a grant application

<b>USMLE Step 2CS, Philadelphia, PA, USA</b>	July 2018
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<b>USMLE Step 2CK, Boston, MA, USA</b>	May 2018
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- Score report: 249

<b>USMLE Step 1, Miami, FL, USA</b>	June 2017
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- Score report: 229

<b>University of La Laguna School of Medicine, Tenerife, Spain</b> <b>Doctor of Medicine (M.D)</b>	2010-2016
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<b>Medical University of Silesia, Katowice, Poland</b> <b>Doctor of Medicine (M.D)</b>	2014-2015
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- Recipient of Erasmus + Program Scholarship 2014-2015
- Recipient of Government of Canary Islands Scholarship for studies abroad

LEADERSHIP/ VOLUNTEER EXPERIENCE
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<b>International Research Initiative (IRI), Boston, MA</b>	2018-Present
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### **IRI Fellow**

- Comprehensive educational experience designed for individuals who want to pursue rigorous clinical or basic science research careers
- Hands-on experience at affiliated laboratories dedicated to basic science, translational, and/or clinical research
- Weekly career development seminars by senior researchers

**ECUSA (Spanish Scientists in USA), Boston, MA**

2018-Present

### **Member of the Board of Directors**

### **Member of MECUSA (Women in Science)**

- Cambridge Science Festival (April 2018): celebration showcasing the leading edge in science, technology, engineering, art, and math (STEAM)
- Hands-on Resume Workshop (July 2018): “How to prepare your best resume for Industry

**Spanish Red Cross, Tenerife, Spain**

2016-Present

### **Volunteer Member**

- Camp Hospital at the Carnival of Santa Cruz de Tenerife, 2016:
  - Performed triage duties
  - Helped in acute management of patients
  - Acted as a liaison between critical care nurses and physicians

**Au pair, Newport, Wales, UK**

2013

- Worked with parents to develop and implement discipline programs to promote positive behavior
- Promoted language development skills
- Organized activities that enhanced children's physical, emotional and social well-being

## **COMPUTER AND LANGUAGE SKILLS**

- Language: Advanced English Proficiency, native speaker in Spanish
- Database: User capabilities in REDCap
- Statistical analysis: data handling in SPSS Statistics and STATA

## **PUBLICATIONS**

- [EuroSurg Collaborative](#) (**Perez JL**). 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
- Caballero Rodríguez, Eugenia; **Pérez Pérez, Jessica Liz**; Vallvè Bernal, Marc; González de Chávez Rodríguez, Pilar Elena; Goya Pacheco, Carmen Alicia; Jordán Balanzá, Julio César; Barrera Gómez, Manuel Ángel. [Determinación de la mutación braf v600e en citologías sospechosas y correlación con la anatomía patológica](#). CIR ESP. 2016;94(Espec Congr):97