

EDUCATION



Postdoctoral Researcher

📍 Santiago, Chile

- ## Ph.D. in Biomedical Sciences

📍 Santiago, Chile

- M.S. in Biological Sciences, mention in Genetics**

📍 Santiago, Chile

- ## B.S. Microbiology and Bioanalysis

📍 Medellín, Colombia



RESEARCH EXPERIENCE

Researcher

📍 Santiago, Chile

- ## Researcher

📍 Santiago, Chile

- ## Researcher

📍 Santiago, Chile

- FONDEF IDeA I+D 2019 (2019-2021): “Deep-Pathology: Distributed TelePathology Platform Based on Blockchain and Collaborative Diagnosis Supported by Deep Learning”.
- PI: Steffen Härtel Gründler



 [Download a PDF of this CV](#)

CONTACT

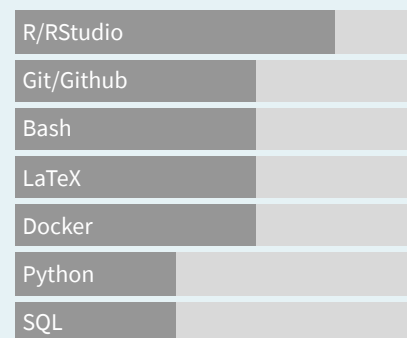
✉ pablofbaez@gmail.com

 pablofbaez

 github.com/pablofbaez

 pablofbaez.github.io

LANGUAGE SKILLS



Made with the R package **pagedown**.

The source code is available at github.com/pablofbaez/cv.

Last updated on 2021-01-24.

- Dec 2019
|
Sep. 2018
- **Postdoctoral Researcher**
Center for Medical Informatics and Telemedicine, University of Chile
📍 Santiago, Chile
- Systematic analysis of family history in free text of electronic medical records.
- Apr. 2018
|
Dec. 2017
- **Research Assistant**
Foundation for Advanced Biomedical Studies (FEBA), Faculty of Medicine, University of Chile
📍 Santiago, Chile
- Analysis of germline and somatic genetic variants in patients with gallbladder cancer.
- Jan. 2018
|
Aug. 2014
- **Graduate Research Assistant**
Cancer Genomics Laboratory, Faculty of Medicine, University of Chile
📍 Santiago, Chile
- Statistical analysis of socio-demographic information
 - Genetic linkage analysis in families with multiple gallbladder cancer patients
 - Fine mapping and genome wide association analysis in a case-control study
- Feb. 2016
|
Aug. 2015
- **Graduate Student Fellow**
Institute of Medical Biometry and Informatics (IMBI), University Hospital Heidelberg
📍 Heidelberg, Germany
- Trained in specialized bioinformatics tools (R, PLINK and Mendel) to analyze genetic data
 - Attended the EMBL Conference: Cancer Genomics
 - Attended scientific talks organized by the University of Heidelberg and the German Center for Oncological Research (dkfz)
- Jun. 2013
|
Mar. 2012
- **Graduate Research Assistant**
Laboratory of Molecular Cancer Pathology, Faculty of Medicine, University of Chile
📍 Santiago, Chile
- Histopathological analysis of prostate, lymph nodes and lung sections of a murine model of prostate cancer (TRAMP mice)
 - Quantification of mRNA using real-time RT-PCR on TRAMP mice prostates



SERVICE

- Present
|
Nov. 2019
- **Diagnosis Foundation**
Advisory member of the [Diagnosis Foundation](#)
📍 Santiago, Chile
- Support the diagnosis and research of unknown diseases
 - Promote the knowledge generation through ethical and collaborative scientific research



TEACHING EXPERIENCE

Dec. 2020 Mar. 2020	Graduate Teaching - Coordinating Professor International Master in Medical Informatics, University of Chile • CA. Bioinformatics I and II	📍 Santiago, Chile
Oct. 2018 Aug. 2018	Undergraduate Teaching - Guest Professor School of Medical Technology, Universidad del Desarrollo • CB. Scientific Bases of Medical Technology	📍 Santiago, Chile
Jul. 2020 May. 2020	Graduate Teaching - Guest Professor International Master in Medical Informatics, University of Chile • CB. Biostatistics I and II	📍 Santiago, Chile
Sep. 2017	Undergraduate Teaching - Guest Professor School of Medical Technology, Universidad Mayor • CB. Applied Biotechnology	📍 Santiago, Chile
Dec. 2020 Mar. 2020	Undergraduate Student Supervisor Faculty of Medicine, University of Chile • Research Unit I and II • 40 hour tutoring of second-year medical students • Guidance on the construction and execution of a short research project	📍 Santiago, Chile
Jan. 2017 Mar. 2016	Undergraduate Student Supervisor Faculty of Medicine, University of Chile • Research Unit I and II • 40 hour tutoring of second-year medical students • Guidance on the construction and execution of a short research project	📍 Santiago, Chile
Oct. 2018	Graduate Teaching - Guest Professor International Master in Medical Informatics, University of Chile • CA. Biomedicine II • Genetic epidemiology studies in cancer	📍 Santiago, Chile
May. 2015	Undergraduate Teaching - Auxiliary Guest Professor School of Medical Technology, ICBM, University of Chile • Seminars on the application of Molecular Biology	📍 Santiago, Chile
Aug. 2009 Jun. 2009	Adjunct Faculty School of Microbiology, University of Antioquia • Anatomy and physiology III - Hematopathology – Hematology	📍 Medellín, Colombia

I really enjoy teaching and sharing my experiences in health data science.

Nov. 2008
|
Jun. 2007

Auxiliary Professor

School of Microbiology, University of Antioquia

📍 Medellín, Colombia

- Hematology



PUBLICATIONS

- 2021 • **Construcción de recursos de texto para la identificación automática de información clínica en narrativas no estructuradas**
Revista Médica de Chile 📍 Santiago, Chile
• Báez, P., Villena, F., Zúñiga K., Jones N., Fernández G., Durán, M. & Dunstan, J.
• (in press)
- 2020 • **Prevalencia de colecistolitiasis y cáncer de vesícula en una población rural Aymara de Chile**
Revista Médica de Chile, 148(10). 📍 Santiago, Chile
• Fonseca C, M., Baéz B, P., Csendes J, A., Calcagno Z, S., Marcelain C, K., Vargas M, P., García R, J., & Barlaro F, T.
- 2020 • **The Chilean Waiting List Corpus: a new resource for Clinical Named Entity Recognition**
Proceedings of the 3rd Clinical Natural Language Processing Workshop (pp. 291-300)
📍 Santiago, Chile
• Báez, P., Villena, F., Rojas, M., Durán, M., & Dunstan, J.
• Best Paper Session at the 3rd Clinical NLP Workshop - EMNLP Conference 2020
• DOI [10.18653/v1/2020.clinicalnlp-1.32](https://doi.org/10.18653/v1/2020.clinicalnlp-1.32)
- 2020 • **ABCB1/4 Gallbladder Cancer Risk Variants Identified in India Also Show Strong Effects in Chileans**
Cancer Epidemiol. 2020 Apr;65:101643. 📍 Santiago, Chile
• Boekstegers F., Marcelain K., Barahona C., Báez P., Müller B., et al.
• DOI [10.1016/j.canep.2019.101643](https://doi.org/10.1016/j.canep.2019.101643)
- 2018 • **TRPM4 regulates Akt/GSK3- β activity and enhances β -catenin signaling and cell proliferation in prostate cancer cells**
Mol Oncol. 2018 Feb; 12(2):151-165. 📍 Santiago, Chile
• Sagredo, A. I., Sagredo, E. A., Cappelli, C., Báez, P., Rodrigo, A. M., et al.
• DOI [10.1002/1878-0261.12100](https://doi.org/10.1002/1878-0261.12100)
- 2017 • **Subtypes of Native American ancestry and leading causes of death: Mapuche ancestry-specific associations with gallbladder cancer risk in Chile**
PLoS Genet 13(5): e1006756. 📍 Santiago, Chile
• Lorenzo Bermejo J, Boekstegers F, González Silos R, Marcelain K, Báez P., et al.
• DOI [10.1371/journal.pgen.1006756](https://doi.org/10.1371/journal.pgen.1006756)

Soon you will also find some notes about my work, talks and side projects in my [blog](#).

- 2014 ● **Mast Cell Infiltration and Kit and Protease Expression During Progression of a Transgenic Prostate Cancer Murine Model (TRAMP)**
Journal of Comparative Pathology, 150(1), 88.  Santiago, Chile
• González, C., Armisen, R., Stutzin, A., Baez, P., Landerer, E., Paredes, R., Contreras, I., Muñoz, C.
- 2012 ● **Actualización en cáncer de próstata: generalidades y diagnóstico**
Medicina & Laboratorio, 18, 7-8.  Santiago, Chile
• Báez, P., Armisen Yañez, R.
- 2010 ● **Colonización por Staphylococcus aureus resistente a meticilina en las manos de individuos de la comunidad**
latreia, 23(1), 5-9.  Medellín, Colombia
• Báez, P., Zapata Tamayo, M., Ramírez Pérez, A., Rúa Giraldo, A., & Jiménez Quiceno, J.



SCHOLARSHIPS & AWARDS

- Sep. 2018 ● **Postdoctoral Bridge Scholarship**
Biomedical Neuroscience Institute (BNI), University of Chile  Santiago, Chile
- Jul. 2015 ● **Scholarship for Internship Abroad**
MECESUP Program Uch1304, University of Chile  Santiago, Chile
- Mar. 2013 ● **CONICYT National PhD Scholarship for Foreigners**
Ministry of Education, Government of Chile  Santiago, Chile
- Jun. 2013 ● **Master's approval with maximum distinction**
Postgraduate School, University of Chile  Santiago, Chile
- 2008 ● **Ten best results at national level according to academic program: ECAES test**
Ministry of Education, Republic of Colombia  Medellín, Colombia