

MARIANA CHIHENSECK BLANCO

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PERSONAL STATEMENT

MSc Biotechnology and Business graduate. Working for CONNECT Research Centre with extensive experience in education and engineering. Dedicated to driving positive change through leadership, community engagement, and innovative problem-solving.

EDUCATION

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| <ul style="list-style-type: none">• MSc. Biotechnology and Business
University College Dublin
(2022 - 2023) | <ul style="list-style-type: none">• Engineer in Biotechnology
Instituto Tecnológico y de Estudios
Superiores de Occidente (ITESO)
(2017- 2021) |
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WORK EXPERIENCE

Research Assistant- Engagement Program Lead in Smart Docklands, Trinity College Dublin (*Dec 2023 – present*)

- **Facilitate workshops** for young audience, develop learning resources focused on STEM and Smart Cities special focus on telecommunications and connectivity.
- **Data analysis and research** obtained from the workshops.

YWCA Office Manager (*May 2023 – Nov 2023*)

- Managing reservations, handling administrative tasks, and adhering to **GDPR policies**.
- Coordinate maintenance visits, report issues to the Finance and CEO, and maintain **health and safety standards**.
- Responsibilities included hospitality duties, **project management**, supervision of staff, problem-solving, development of new proposals, and health and safety management.

YWCA Dublin Resident Assistant (*2022 - 2023*)

- Contributing to building a safe, inclusive, and broad-minded environment for the guests by **planning and promoting** social events and projects.
- Working in **operational activities** and participating in a **leadership collective** program. Encouraged to lead changes in issues impacting women in Ireland and gender justice, including minorities that are not represented.

Head of Laboratory in Lcells Biotechnology (*May-Jul 2022*)

- Coordinated the production department as well as oversaw the innovation and development of new products. Complying with the requirements of **ISO9001**.
- Handled the **staff management** working in the lab and attended to customers' needs, demonstrating strong **interpersonal skills** with an approachable attitude.
- **Supervised the production** of all human stem cell cultures used for therapy, disease research and dermocosmetic products. Having a production of 2.8×10^{13} hMSC/week.
- Established a new protocol of order traceability and delegated key activities.

Animal Cell Tissue Culture Chemist in Lcells Biotechnology (*Jan-Jul 2022*)

- Improved global cell production rate by 10%, in two months in the addressed lab.
- Performed cell tissue culture over 180 flasks for conditioning, 1000 cryogenic vials made in 7 months, **quality control**, and medium preparation.

Researcher in Biocontrol ITESO and CUCBA (2021 – 2022)

- Developed and addressed the obtention, identification, and confrontation of 3 bacterial strains with biocontrol and bio stimulant potential in teamwork, using **Excel and Matlab** as tools.

University's Service Assistant at ITESO (2018 – 2022)

- Counselling around 30 students and parents per shift in college affairs as well as **mediated inquiries** between departments, communication both verbally and written.

Pharmaceutical Intern at PiSA (Jun–Aug 2021)

- Co-operated in quality control activities, sampling, and testing polymers for their best-selling product, using **SAP Business and Statgraphics** software.

VOLUNTEER

Youth National Women's Council Ireland (NCWI) (May 2023 – present)

- **Raised awareness** and addressed **solutions** for the **equality** of women and minorities, building a safe environment. Provided insight into policies and new ways to address current issues.

Student Representative Master Biotechnology and Business UCD (Sep 2022 – Sep 2023)

- **Communicate** and mediate inquiries between students and professors.

First Aid and Health Brigade at ITESO (2018 - 2021)

- Raised awareness and **promoted learning health** fields. Engaged to be first responder in case of an accident.

CERTIFICATIONS

- Advanced language skills (English TOEFL iBT 92, native Spanish and French DELF B1)
- Gained extensive knowledge and practice in science and health by continuous learning: The science and business of biotechnology (MITx), Technological social and sustainable systems (Arizona State University), Blood-borne pathogen and CPR, AED and first aid course (NHCP), basic firefighting (AICACODE), First aid and CPR basic level (ITESO).
- Professional black belt in karate Taishukai Goyu Ryu and level intermediate in ballet by the Royal Academy of Dance.

REFERENCES

Available upon request