

Martha Alejandra Perez Linares

2239 Calais Drive, Longmont, CO. 80504
mperezlinare2014@my.fit.edu ▪ (321) 408 9640

Education

Florida Institute of Technology (FIT), Melbourne, FL

May 2018

Bachelor of Science Chemical Engineering with Nanotechnology Minor, Magna Cum Laude GPA 3.74/4.0

Project Management for Manufacturing Certification

Yellow Belt Six Sigma & Lean Six Sigma Certification

Experience

- **Tolmar Inc., Fort Collins, CO** Jul 2018 – Present
QA Project Manager, Quality Unit, Continuous Improvement
 - Manage multiple continuous improvement project within the Quality Department as well as interdepartmental initiatives
 - Lead quality projects to eliminate CAPA and Investigation backlogs reporting directly to VP of Quality Operations
 - Lead monthly Quality Management Review Meeting with all Quality System Owners to review KPIs
 - Participate in writing Annual Product Reviews and Protocol Reports as part of the Quality Engineering Team
 - Assist in completion of Investigations, RCAs, Effectiveness Reviews and CAPA within the Quality Department
 - Develop and implement new Electronic Quality Management System (EQMS) with preventive features
 - Create, revise and update SOPs and Work Instructions to align with new EQMS and cGMP policies
 - Analyze rejected batches and perform investigation, root cause analysis and develop optimization process plan*QC Analyst I, Quality Control*
 - Performed analytical testing utilizing HPLC, FTIR, Mass Spectroscopy, GC and UV-Vis spectrometers and reviewed data. Performed analytical procedures and calculations needed for commercial testing.
 - Participated in annual hazardous waste training, Good Manufacturing and Laboratory Practices (CGMP and GLP)
- **Goldman Sachs & Co., Salt Lake City, UT** May 2017 – Aug 2017
Summer Business Analyst, Operations, Business Intelligence
 - Performed statistical analysis over 1000 client accounts collecting data, reviewing and managing investment data
 - Automated daily processes using an online tracking system in SharePoint improving efficiency and reducing risk
 - Developed Quality Assurance tickets using Agile and SQL to improve transparency in the process
 - Developed standardized procedures and training package for future hires increasing transparency and self-accountability
- **P&G, Caracas, Venezuela** May 2016-Aug 2016
Process Engineer Intern
 - Assisted various plant team members to understand production methods, equipment and processes
 - Assisted Process Engineer in projects to enhance overall quality, safety and efficiency of operating plant

Relevant Projects

- **Production of Acrylic Acid from Biodiesel Waste, FIT, Melbourne, FL** Jan 2018 – May 2018
Project Leader
 - Designed chemical process plant for a new sustainable production of acrylic acid from biodiesel waste
 - Performed economic and profitability analysis for the design, and energy recovery analysis for the self-powered plant
 - Awarded “Best Chemical Engineering Project” in Senior Design Showcase
- **Materials Science Laboratory, FIT, Melbourne, FL** Jan 2016 – May 2018
Research Assistant, Chemical Engineering Department
 - Studied new synthesis and material characterization of metallic nanoparticles for further applications in 3D printing conducting objects and potential use in the energy field, recorded particle size measurements. Perform variety of eco-friendly synthesis to produce silver, gold and aluminum nanoparticles using Schlenk Chemistry and Wet Chemistry.
 - Performed routine laboratory duties, ensured safety regulations and appropriate cleaning procedures for equipment

Leadership Experience

- **Society of Hispanic Professional Engineers FIT chapter (SHPE Florida Tech)** Jan 2016 – May 2018
Founder, President, Regional Representative
 - Reinstated FIT SHPE chapter with a current membership of 54 students recognized by FIT and SHPE National
 - Organized structure, planning and budget for the academic year; raised over \$3800 exceeding expectations
 - Awarded Rising Star Student Organization 2016, Student Leadership Award and SHPE Leader Award

Skills

- CGMP Training, OSHA and AIChE Safety Certification, SharePoint, SQL, Agile, SAP, MS Visio, MS Excel, Project, Tableau, Aspen Plus, MATLAB, VBA Programming, Agile, Oakdale Engineering DataFit, Polymath EDU Site
- **Languages:** Spanish (Native), English (Fluent) and French (Intermediate)
- **Technical Skills:** Atomic Force Microscope (AFM), Scanning Electron Microscope (SEM), Transmission Electron Microscope (TEM), Scanning Tunneling Microscope (STM), FTIR, Gas Chromatography, UV-Vis, LabView, Zeta Potential Analyzer