

MEGAN DONOHUE

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EDUCATION

Drexel University

Bachelor of Science in Biomedical Engineering

Concentration: Biomechanics and Human Performance Engineering

Philadelphia, PA

Graduated: June 2017

Cumulative GPA: 3.57

EXPERIENCE

Janssen (Pharmaceutical Company of Johnson & Johnson)

Malvern, PA

Downstream Manufacturing Operations Co-op

March 2016-December 2016

- Collected and analyzed historical frontal analysis data and implemented system to monitor life of chromatography columns used in manufacturing
- Updated 20 Standard Operating Procedures (SOP) and 8 MES Master Batch Records (MBR) for frontal analysis project
- Facilitated quality risk assessment (FMEA) for Solvent/Detergent (S/D) step and implementation of iPads on the manufacturing floor
- Authored and implemented change control to extend filter integrity testing from single use to 90 days resulting in filter cost savings of \$111,000/year and 200 man hours to contribute to cycle time reduction
- Prepared business case for presentation to site leadership team
- Generated new material master data in SAP PM
- Created Credo testimonial videos to spread awareness on how the site was incorporating the Credo into their daily lives

AstraZeneca

Philadelphia, PA

Continuous Improvement Engineer

March 2015-September 2015

- Created and piloted an idea for improvement program and implemented 18 suggestions
- Led weekly performance review meeting for the Packaging department
- Improved conveyor system for the vaccine packaging line to reduce the amount of defects induced
- Facilitated a batch record kaizen that lead to a 66% reduction in turnaround time
- Executed 17 Gemba walks and drove 107 actions to completion

Invisible Sentinel

Philadelphia, PA

Manufacturing Technician

March 2014-September 2014

- Conducted quality control assessments for test cassettes, conjugate, nitrocellulose membranes, and buffers
- Designed standard operating procedures and standard work instructions for lab procedures
- Involved in transition to lean production system to maximize efficiency and quality
- Created testing protocol to conduct quality control for a robotic arm
- Presented quality control results to department weekly

HONORS & AWARDS

AJ Drexel Scholarship, Drexel University, 2012-Present

Dean's List, Drexel University, 2014-Present

Six Sigma Yellow Belt, AstraZeneca, 2015

AP Scholar Award, College Board, 2012

SKILLS

Software: MATLAB, Creo Parametric, AutoCAD, Microsoft Office, SAP, Minitab, TrackWise, PI Process Book, HTML, CSS

Laboratory: Micro-pipetting, Gel Electrophoresis, PCR

ACTIVITIES

Janssen Intern Co-op Association, Vice President, March-December 2016

Drexel Weekend Warriors, Member, 2015-Present

Drexel Delta Epsilon Iota, Member, 2014-Present

Long Island Jewish Medical Center, Volunteer, 2010-2012