

**Operations/
Engineering****Project
Management****Supply
Chain****Executive
MBA**

Results-driven global engineering, operations, and supply chain leader with startup and turnaround experience in multiple industries. Skilled in building cross-functional teams within matrixed organizations, managing the startup of new processes, and using analytical tools to drive continuous improvement.

- Leadership** Increased production throughput 25% and adjusted on -time delivery of relocated ink plant from 60% to 95%. Led turnaround by bringing together quality, production, shipping, and IT groups to improve systems and procedures delaying production and order fulfillment.
- Continuous Improvement** Saved \$500K annually by managing Six Sigma yield increase, waste reduction, quality improvement and reliability improvement projects. Reduced Inks inventory \$1M by setting appropriate safety stocks and lead times and working off distressed inventory.
- Management** Managed over 50 direct reports with diverse cultures and backgrounds in four different positions. Project experience managing dotted line relationships over multiple functional groups.
- Global** Managed shipments of raw materials and finished goods across four continents, and worked at plant assignments in Mexico and Europe. Worked for multiple multinational corporations and a private Taiwanese company. Studied international business at MBA residency in China and traveled to twelve countries across three continents.

PROFESSIONAL EXPERIENCE**EVG Extracts, LLC – Evergreen, CO**

2019 to present

Senior Process Engineer

- Developed scope and cost estimate, managed engineering design, construction, commissioning, and optimization of CBD extraction process for 2019 field harvest.
- Developed new process for miscella decolorization, switching to less expensive sorbent for annual savings of > \$250k.

Eastman Chemical Company – Sauget, IL

2016 to 2019

Area Manager – Rubber Chemical Additives

- Managed budget for \$50M cost center, 20 hourly and engineering staff, capital investment, quality, production, and continuous improvement activities for Rubber Chemical assets.
- Launched projects to improve reactor pump seal life, prevent plugged charge and vent lines, and improve filtration and catalyst activity for \$150k in annual savings.
- Led project team increasing 6PPD pastilles production to 120% of historical capacity due to sudden shift in customer demand and startup of \$4M 6PPD pastilles capacity increase project. Optimized new process to 127% designed capacity target.
- Worked with corporate supply chain to integrate Rubber Chemical Additive S&OP process into SAP to move away from spreadsheets and automate raw materials ordering, production planning, and shipping to customers

Sensient Colors LLC – St. Louis, MO 2007 to 2016

Supply Chain Manager – Inks America 2014 to 2016

- Led supply chain efforts to integrate ink production from shuttered West Coast plant into St. Louis. Determined products to stock, make-to-order, and obsolete. Set appropriate safety stock levels, batch sizes, and customer lead times.
- Led ERP software implementation of relocated plant to help automate MRP and S&OP processes, including updating master data, bills of material, and routings.
- Scheduled production, sourced raw materials and packaging, qualified alternate vendors, and negotiated pricing. Also managed logistics, import, stocking levels, and order fulfillment of ink produced by European affiliate at 3PL warehouse.
- Reduced inventory by \$1M and improved OTD by 35%.

Production Engineer – Inkjet and Drug & Cosmetics 2011 to 2014

- Managed rate, yield, quality, and waste for dye and pigment production across 10 bays.
- Led safety and process improvement projects, small capital projects, and startup of pigment dispersion lines and cosmetic dye production relocated during plant closings.
- Managed 20 direct and 16 indirect reports.

Process Engineer – Inkjet Dyes and Pigment Dispersions 2007 to 2011

- Led process improvement projects and troubleshoot process and equipment issues.
- Determined root cause and corrective action for black dispersion quality issues during scale up, avoiding potential loss of \$1M in annual sales.
- Managed scale up and startup of new color pigment dispersions production unit.
- Led Six Sigma project to increase yield 10% and reduce waste color by two-thirds.

Coviden/Mallinckrodt – St. Louis, MO 2005 to 2007

Process Engineer – Mallinckrodt Pharmaceuticals 2006 to 2007

- Monitored daily production and implemented new projects and procedures to increase rate, quality, and yield and scheduled cleanouts, maintenance, and reprocessing.
- Led aqueous/organic phase separation project, improving yields by \$50K annually.

Project Engineer – Mallinckrodt/Baker Specialty Chemicals 2005 to 2006

- Developed scope, cost estimates, and financial justification for proposed projects, submitted funding requests, and managed the design, construction, validation, and start-up of approved capital projects.
- Developed process flow diagrams, preliminary P&IDs, equipment lists, and equipment utilization charts for proposed \$60M bulk narcotics expansion at St. Louis plant.
- Managed scope, construction and startup of \$600K Guanidine HCl bay automation project at Phillipsburg, NJ plant and \$700K tank farm replacement at Paris, KY plant.

Nan Ya Plastics Corporation – Lake City, SC 2002 to 2005

Production Supervisor—Filament Department

- Managed the daily production of polyester yarn from PET resin chips and assisted in continuous process optimization. Supervised four rotating shifts of nine employees.
- Assisted startup of new products and improved existing product runability by developing new operating procedures and testing new interlace, speed, and temperature setpoints.

EDUCATION

Washington University in St. Louis 2014
Executive MBA, Olin Business School

University of Missouri—Columbia 2002
Bachelor of Science in Chemical Engineering