

EDUCATION

Johns Hopkins Carey School of Business and Maryland Institute College of Art

MBA/MA Candidate in Design Leadership

Expected May 2021

University of Colorado, Boulder

BS with Honors, Chemical & Biological Engineering

May 2013

PROFESSIONAL EXPERIENCE

Corteva Agriscience

Pittsburg, CA

Site Logistics Operations Leader, The Agricultural Division of DowDuPont

January 2019 to July 2019

- Supervised six direct and twelve indirect employees by providing coaching and leading performance management
- Managed \$1M rehabilitation project between Corteva Agriscience and tenant K2 Pure Solutions to ensure a sustainable supply chain and success for both businesses
- Collaborated with Corteva Supply Chain and Visibility teams to identify opportunities for optimization across the global supply chain and leveraged external technology to eliminate non-value add steps

Corteva Agriscience

Eldoret, Kenya

Corteva Food Security Fellow, The Agricultural Division of DowDuPont

June 2018 to January 2019

- Created Instagram account and published blog posts to engage previously untargeted millennial customers, employees, and the general public in conversations about global agriculture
- Consulted for AMAPATH (Academic Model Providing Access to Healthcare) to increase the food security and financial stability of > 30,000 farmers in Western Kenya
- Used design research methodologies to conduct user interviews, develop personas and insights, and propose solutions to increase the sustainability of farmer cooperatives in Western Kenya

The Dow Chemical Company | DuPont | Corteva Agriscience

Pittsburg, CA

Lead Market Shaper

January 2018 to July 2019

- Selected by senior leadership to collaborate with global team and McKinsey consultants to guide culture change as Dow and DuPont merged and then spun off the Corteva Agriscience company
- Created and delivered trainings on Market Shaping behaviors such as work group culture change, customer centered design, and design innovation principles
- Facilitated brainstorming sessions for implementing innovation approaches in the manufacturing sector

The Dow Chemical Company

Pittsburg, CA | Freeport, TX

Alpha Plant Senior Production Engineer, Dow AgroSciences

October 2016 to June 2018

- Supported site team and led plant team over a two-year time period to successfully implement new plant monitoring strategies, equipment modification, and document creation to comply with new federal environmental regulations
- Led a \$0.8MM project, with a one-week window for execution to install new tower components for increased throughput and reliability of a distillation column

Picloram Plant Production Engineer, Dow AgroSciences

June 2013 to October 2016

- Used design principles and Six Sigma strategies to increase runtime of chlorine recovery unit, saving ~\$1.3 MM yearly in raw material costs, tracking all financial metrics using SAP
- Negotiated agreements between Picloram and external customers to align plant strategies to meet customer needs

LEADERSHIP EXPERIENCE

Design for America | Johns Hopkins Carey Business School

Vice President

September 2019 to Present

- Create consulting projects for team chapter by engaging with local and national companies, which this semester included the YMCA and LeMondo
- Design and deliver workshops to teach Johns Hopkins students about Human Centered Design principles and practices

SKILLS

Project Management | Six Sigma Green Belt | Agile Methodologies | Brand Management
Design Research | Interviewing | Storyboarding | Journey Mapping | Prototyping | User Testing