

KIMBERLY S. WAYNE
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EDUCATION

EdD (current) **DRAKE UNIVERSITY**
Des Moines, IA **Expected Completion Fall 2018**

MBA **IOWA STATE UNIVERSITY**, College of Business
Ames, IA **August 2008**

B.S. **PURDUE UNIVERSITY**, College of Chemical Engineering
West Lafayette, IN **May 2000**

PROFESSIONAL EXPERIENCE

Siegwerk Company

Regional Continuous Improvement Process Manager for a global ink manufacturing company for Canada and United States(CUSA)

Siegwerk Company **Des Moines, IA** **6/2012 – Present**

Regional Continuous Improvement Process Manager (CIP) & Quality Manager

Created Lean Academy Curriculum for 500 employees

- Deploy Xceed Operating System within CUSA sites
- Implemented daily management system in Midwest plants
- Facilitated quality variation workshop that removed variation from the product testing (Gage R&R 56% to 9%) and delivers a more consistent product to the customer
- Achieved Savings over \$1,200,000 in labor and materials
- Consolidated color match lab from 10 FTEs to 7 FTEs that improved customer service in quality and delivery
- Implemented a trail tracker system to determine status of trials and the success of winning the business
- Led business in receiving their ISO 9001:2008 Registration

University of Iowa

Adjunct professor within teaching Lean Methodology

University of Iowa – MBA Program **Des Moines, IA** **1/2017 – Present**

Adjunct Professor

- Teaching Lean operational excellence tools and techniques to the MBA executive programming students

Goodrich Corporation

Primarily worked in continuous improvement value streams deploying lean/six sigma through training, facilitating kaizen and kaikaku events

Goodrich Corporation **West Des Moines, IA** **8/2008 – 5/2012**

Continuous Improvement Manager (CI)

Facilitated two Iowa Kaikaku events in 2011 where over 400 participants radically changed the shop floor layout that led to 80% reduction of part and people travel

- Co-lead one of the 14 Kaikaku events in London, England where over 600 people participated to realign operation's shop floor to reduce internal lead time
- Manage and develop a team of 12 employees

- Six Sigma Green Belt Trainer – 2 week course with required project for certification of students

Goodrich Corporation West Des Moines, IA

8/2006 – 7/2008

Continuous Improvement Specialist (CI)

- Engine nozzles reduction projects to save \$50,000+ in savings/year
- Support 7+ green belts in DMAIC process through the life of their projects
- Consult kaizen events that utilize various lean tools (5S, Visual Controls, TPM, Set Up Reduction, A3 Problem, Mistake Proofing etc.)

Minnesota Mining & Manufacturing Company

6/2000 – 6/2006

3M - Knoxville, IA

Held various positions as a product/process engineer, lean liaison and green belt

3M Hilden, Germany

6/2006 – 7/2006

Replicate Black Belt Project

- Collaborated with various departments in the lessons learned of product line and took learning back to US plant and scaled up 80% of the plant's volume product in record timing to meet customer's on time delivery
- Reviewed Failure Modes Effects Analysis which identified and resolved root cause issues at the US plant

Personal Care Division Representative Lean Sigma

4/2006 – 6/2006

- Driving Lean events throughout Personal Care Division in Knoxville
- 5S, Set Up Reduction, Value Stream Mapping etc.
- Scaled up 10 Non Woven Fastening Tapes (NWFT) made at the Knoxville plant for dual sourcing purposes - *6 Sigma Green Belt Project*

Green Belt Projects

- Reduction in Glue Globbs of NWFT Products
- Reduce rework material from 2.5% to a goal of 0.1%
- Saved over \$110,000 in raw materials, machine maintenance and returned goods

8/2001 – 6/2005

Raw material optimization release tape products

- Optimized the utilization of non-woven material by optimizing the unwind process that saved \$25,000/year in raw materials

Coating and Extruding Engineer

6/2002 – 6/2006

- Process & Product Engineer for release tape and Non-woven Fastening Tape
- Improve testing processes by installing a solvent oven that reduced cycle time by 40%
- Traveled to customer's site to troubleshoot performance issues and developed in house testing to eliminate customer complaints

Extruding Engineer

6/2000 – 6/2002

- Process & Product Engineer for polypropylene Films

- Monitored extruding process variables to ensure key quality characteristics are operating within process control limits

COMPUTER & SOFTWARE EXPERIENCE

Minitab Statistical Software, Microsoft® Products including MS Project, MS Publisher, ERP Systems
ISO 9001 Certified Quality Auditor, Neon Z2 Donor Management System, Social Media Management
(Facebook, Twitter, Snap Pages), Snap Pages (Webpage Development)

PROFESSIONAL PRESENTATIONS

National Science Foundation Recipient as student researcher on Food Enzyme Cgtase – July 1994
Student Researcher in the school of Agriculture, Purdue University

Deployment of Xceed's Operational Excellence Program to Top Ink Customers of Siegwerk – May 2015

Why do I Stay in Iowa, Des Moines Register – September 2015

<http://www.desmoinesregister.com/story/opinion/columnists/iowa-view/2015/09/09/why-do-stay-iowa/71942620/>

CURRICULUM DEVELOPMENT

Created Lean Academy Curriculum at Siegwerk which includes – 20+ modules that consists of Lean Leadership, 5S, Value Added-Non Value Added, Group Dynamics, Process and Value Stream Mapping, Time Observations, Multi-Moment Analysis, Continuous Flow, Zero Defects, Mistake Proofing, DMAIC, Total Productive Maintenance, Set Up Reduction, Real Time PDCA, Standard Work, Standard Work Sheets, Visual Controls and Material Replenish Systems, Pull, Percent Loads, Spaghetti Diagrams

Developed A3 Problem Solving Training for lab, operations and engineering at Goodrich and Siegwerk – 2010 & 2013

AWARDS

- Recognized by the White House as a National Ambassador of Makers (6/2016)
<http://jewelsacademy.com/press-releases.htm>
- Iowa Women of Innovation Award Recipient for Diversity Champion (11/2015)
<http://www.desmoinesregister.com/story/tech/2015/11/15/tech-spotlight-nine-iowa-women-win-innovation-awards/75705472/>
- Heritage Legacy Award for Youth Organizations by I'll Make Me a World in Iowa (1/2015)
<https://www.youtube.com/watch?v=FbkbUj2FIoQ&feature=youtu.be>
- Employee Recognition of High performance at Siegwerk (1/2015)
- Presidential Service Award through a non-profit Jewels Academy, Founder (1/2014)
- Two Performance Achievement Awards Goodrich (3/2011 & 9/2011)
- Black Belt & Lean Certified through Goodrich (2007)
- 3M Green Belt Winner - NA Region (2006) & Tech. Excel. Award - NWFT Scale Up (2004)

GRANT WORK

- Cognizant Technology's Making the Future Grant – 2013-2016
- Department of Human Services - Minority Youth and Family Initiative, 2014, 2015, 2016
- Department of Human Services De-categorization, 2012, 2013, 2014, 2015

- United Technologies Grant Recipient for Jewels Academy non-profit organization, 2013
- NASA Youth Program Grant, 2012
- Wells Fargo Community Enrichment Grant (2014-2016)
- Principal Financial Group Grant (2014)

PROFESSIONAL SERVICE AND COMMITTEES

- Founder & Executive Director of Jewels Academy, 501c3 Nonprofit (2005 – Present) – www.jewelsacademy.org
- Appointed by Lt. Governor's Education Advisor to the Iowa Upskilling Taskforce through the Iowa Workforce development (2016 – 2017)
- Appointed by Governor Branstad of Iowa to serve on a commissioner board for the status of African Americans (2/2012-4/2016)
- Appointed by Governor Branstad of Iowa to serve on the Iowa's South Central STEM Advisory Board (3/2014-3/2017)
- Advisory Board Member of Cornerstone Family Church (2006 – 2010)

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

Member of the Iowa Lean Consortium (ILC) – 2013 – Present

Member of the American Society of Quality (ASQ) – 2013 - 2017

Member of the American Business Women Association (2014 – Present)

Member of Toastmasters – Los Oradores (2012 – 2014)