

## TIM RODGERS

Fort Collins, CO

858-449-3890

[timwrodgers@yahoo.com](mailto:timwrodgers@yahoo.com)

**Operations executive** focused on new product development and quality engineering.

- Experienced in project management (PMP), agile methodologies, international supplier quality management, quality engineering (Six Sigma Black Belt), business process improvement, and offshore manufacturing of consumer electronics and industrial systems.
- Skilled in achieving results in the first 90 days, reducing costs, improving productivity, streamlining processes, eliminating waste, accelerating time-to-market and completing projects on-time and on-budget.

**January 2015 – Present**

**University of Colorado (Boulder, CO)**

**Faculty Instructor:** Currently teaching project management, supply chain management, and operations management to undergraduate and graduate level MBA students.

**October 2014 – Present**

**Colorado State University (Fort Collins, CO)**

**Adjunct Instructor:** Currently teaching strategic planning, project management, and supply chain management to undergraduate and graduate level MBA students.

**March 2013 – November 2013**

**Advanced Energy, Inc. (Fort Collins, CO)**

**Director of Quality:** Managed an international quality engineering department of 15 people responsible for business process improvement, ISO certification and QMS documentation, field failure analysis, management of customer escalations, factory quality, and supplier quality for solar inverters.

- Analyzed field failures and initiated sustaining engineering projects to reduce warranty cost, projected to save over \$300K per year in service
- Implemented process improvements in design, purchasing, and production planning to accelerate needed engineering changes and avoid excess inventory.
- During the first 90 days, designing and implemented a quality metrics program, factory scrap and rework reduction program, product inspections and testing at factories in the U.S. and China, and supplier quality audits. These efforts immediately reduced operating expenses by 15%.

**July 2011 – June 2012**

**Eastman Kodak Co. (San Diego, CA)**

**Director of Product Development:** Program manager for a design team of 10 software engineers, mechanical engineers and electrical engineers responsible for developing new consumer inkjet printers.

- Achieved a 20% cost reduction in direct material and product reliability improvements through platform re-design and sustaining engineering projects.
- Introduced new department processes for design-for-reliability, rapid technology evaluations, internal knowledge transfer, program management, and project status reporting.

### **September 2009 – May 2011**

#### **Foxconn eMS Inc. (Shenzhen, China)**

**Director of Manufacturing and Quality:** Managed a quality engineering, program management, and new product introduction department of 450 people in China, Taiwan, and Singapore responsible for process design, supplier quality management, production prototyping, and reliability testing of consumer inkjet printers.

- Designed and implemented an end-to-end factory quality system to meet ISO9001 audit requirements throughout the supply chain.
- In the first 90 days, organized an engineering team and hardware reliability test lab in China through local hiring and training, and established operating processes and key performance indicators.
- Led product introduction and ramp teams for three new platforms with production of over 3M units per month while exceeding cost-of-quality and time-to-market goals.

### **May 2008 – November 2008**

#### **Cymer, Inc. (San Diego, CA)**

**Director of Engineering:** Managed a design team of 35 firmware engineers responsible for delivery of control algorithm and data capture components for high-end lasers used in semiconductor manufacturing.

- Implemented agile development processes, formal requirements management, prioritized sustaining engineering, and other process improvements to enable CMM Level 3 capability.

### **May 1988 – May 2008**

#### **Hewlett-Packard Co.**

**Quality Section Manager (San Diego, CA):** Managed a software engineering team of 65 people responsible for quality engineering, testing, and delivery of software for consumer imaging and printing products.

- Developed and managed relationships with US-based and offshore software engineering service providers in China, India, Singapore, and Europe.
- Achieved an 80% reduction in cost per project through strategic outsourcing and re-allocation of internal resources.
- Reduced product warranty cost and customer call rates by 30% through defect prevention activities.

**Quality Section Manager (Vancouver, WA):** Software quality engineering and testing

- Through an aggressive program of quality engineering, process improvements, and offshore outsourcing, reduced operating expenses by 40% while the number of programs increased by 5x.

**Procurement Engineering Lead (Vancouver, WA):** Technology investigations and supplier development for hardware components and sub-systems

- Developed a supplier quality audit program that achieved a 70% reduction in incoming defects, saving approximately \$5M annually for the managed commodities.

**Manufacturing Engineering Lead (Fort Collins, CO):** Development of advanced microprocessor and digital ASIC substrate, packaging and assembly technology

- Developed strategic alliances with external partners to enable rapid investigation and implementation of new ASIC packaging technology.
- Created a design for manufacturability program for printed circuits helping design centers save as much as 50% in material cost.

MBA, University of Oregon  
Ph.D. (Chemistry), University of California, Santa Cruz  
B.S. (Chemical Engineering), University of California, Davis  
PMI Project Management Professional (PMP), certificate #1548237 (October 2012)  
ASQ Six Sigma Black Belt, certificate #13880 (March 2013)

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