

EMILY R. KLOEHN

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RESEARCH INTEREST	
Statistical Analysis; Statistical Process Control; Six-Sigma Methodology	
EDUCATION	
September 2000 – Present	University of Wisconsin-Milwaukee
Undergraduate Student – Industrial and Manufacturing Engineering	
EXPERIENCE	
2004 - Present	University of Wisconsin-Milwaukee
Undergraduate Research Assistant Center for Intelligent Maintenance Systems	
Summer 2003	Fort Wayne, IN
General Electric Industrial Systems-Motors and Controls Customer Productivity	
Led customer productivity projects valued at over \$400K in savings. Supported field sales team by developing presentations, best practices, and performance metrics dashboards for key strategic customers. Conducted motor performance testing and data analysis in support of the largest new business development program in the M&C business, valued at \$40M in annual sales growth. Implemented internet based process to digitize and improve customer communications, leading to successful expediting of critical shipments for a key customer	
Fall 2002	Fort Wayne, IN
General Electric Industrial Systems-Motors and Controls New Product Introduction: 122mm Dishwasher Motor	
Created and presented shipping contingency plan for customer during West Coast lockout and port slowdown. Received GE Managerial Award for ensuring no customer shut downs during period of zero inventory. Executed work that resulted in customer quality of 7 PPM: Supervised twelve employees for initial production quality sort; conducted follow-up testing on unresolved motor quality issues and component qualifications.	
October 2001-August 2002	University of Wisconsin-Milwaukee
UWM Industrial Assessment Center Research Assistant	
Consulted for manufacturing companies to recommend energy saving techniques. Work included facility visits, data collection and analysis, and report generation.	
Spring 2002	Fort Wayne, IN
General Electric Industrial Systems-Motors and Controls Motor Plant Quality/Manufacturing	
Led implementation of QMS (Quality Management System). Resolved gauging and process control issues. Led quality control for contributed parts for plants in Mexico and US through corrective action responses and root cause analysis. Created QMS operator training presentation, which was adopted by QMS Corporate leadership as a best practice.	
CURRENT PROJECT	
Developing IMS Readiness Methodology; Conducting Analysis for Testbed Implementation	

