

ANDREW EDWARD ADAMS

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Work Experience

Reliability and Quality Systems Engineer January 2007 to Present
Philips Healthcare - Invivo Corporation, Gainesville, FL

- Directed, coordinated, and exercised cross-functional authority for planning, integrating, and completing team-based process improvement projects in a medical device engineering / manufacturing environment.
- Established KPI's; collected, analyzed, and tracked KPI's in partial fulfillment of ISO 9001 and ISO 13485 requirements. Recommended appropriate goals and targets through the management review process; identified and tracked the ongoing status and achievement of improvement opportunities.
- Collected and analyzed customer and stakeholder needs; developed, derived, and allocated functional and non-functional requirements to business system elements.
- Conducted functional and physical configuration audits of the Quality Management System and its artifacts. Established and maintained baselines for requirements and evolving configurations of products and processes. Implemented change control processes regarding changes to enterprise infrastructure.
- Traveled to multiple sites throughout the U.S. to support operational needs and interact with customers.

Quality Specialist May 2005 to January 2007
Philips Healthcare - Invivo Corporation, Gainesville, FL

- Collaborated with Philips Healthcare to create and implement a method for predicting the future reliability costs of new products. Established utility functions that enabled "what-if" simulations to support business decision-making during the investment management process.
- Designed, implemented, and supported a Final Quality Inspection Support System that enabled detailed and timely reporting of Key Performance Indicators.
- Automated data processing activities through the use of macros, functions, web-applications and custom database queries that enabled a vastly improved awareness of critical business factors.
- Analyzed RMA product returns for significant quality issues using a variety of statistical tools and charts.

Education

Master of Science in Systems Engineering *Expected 2012*
Johns Hopkins University, Baltimore, MD.
Emphasis in Project Management.

Bachelor of Manufacturing Management 2008 to 2010
University of Minnesota, Crookston, MN.
Emphasis in Quality Systems Management.

Aerospace Engineering Program 2003 to 2005
University of Florida, Gainesville, FL.
Emphasis in Statistics.

Certifications

Certified Associate in Project Management *Expected 2010*
Project Management Institute

Certified Associate Systems Engineering Professional Dec. 2009
International Council on Systems Engineering

Certified Quality Engineer Dec. 2008
American Society for Quality

Certified Reliability Engineer Oct. 2007
American Society for Quality