

# Tristen Clark

---

(816) 896-2792 ♦ [tklamunyon@gmail.com](mailto:tklamunyon@gmail.com) ♦ LinkedIn®

---

## SUMMARY OF QUALIFICATIONS

- Quick learner with superior analytical and problem solving skills
- Capable of both independent work and cross-functional collaboration
- Dependable employee with common sense, a variety of skills, and a strong work ethic
- Enjoys project management and seeks increased experience

## EDUCATION

**Master of Engineering (M.Eng.), Bioengineering**

May 10<sup>th</sup>, 2014

**Bachelor of Engineering (B.S.), Bioengineering**

May 10<sup>th</sup>, 2014

University of Louisville – JB Speed School of Engineering

Louisville, KY

- Accelerated Five-year ABET Accredited Master Program
- National Scholars Scholarship (2009)

### **Masters of Engineering Project**

May 2013 – December 2013

Grant funded project with Drs. Voor and Magnuson. The project evaluated the effect of mechanically loaded rat tibiae bone after spinal cord injury. The analysis included; strain gauge testing, micro-CT evaluation, 3-point bending assay, and BBB scoring analysis. Developed a final presentation for an evaluation board along with a comprehensive report.

### **Senior Design Project**

August 2012 – December 2012

Four Member Team Project. Simulation of a real world project team with deadlines for several project milestones: timeline charts, weekly meeting minutes, and progress reports throughout the semester. Developed a final presentation, binder, and report. Project focused on the field of regenerative medicine and featured the creation of a Bioabsorbable Scaffold using Adipose-Derived Stem Cells for Treatment of Fistulas.

## ENGINEERING EXPERIENCE

**Mechanical Design Engineer | R&D Patient Support Systems**

January 2015 – Present

*Hill-Rom*

Batesville, Indiana

- Design engineering lead of product integration of an acquired company into Hill-Rom systems including design details and other design history file requirements per 21 CFR 820 and ISO 9001/13485.
- Project management of engineering change teams to update products with current material suppliers, domestic/international standards, and correct quality issues after product launch.
- Product management of BOMs and drawings utilizing Agile PLM system and SolidEdge.
- Maintenance of current field products through improved design, quality, manufacturability, and cost.

**Contract Mechanical Design Engineer | R&D**

August 2014 – January 2015

*KHI Solutions – Hill-Rom*

Batesville, Indiana

- Team member of special company integration project assisting with the facilitation of drawing and product information updates of an acquired company into the Agile PLM system for Hill-Rom.

**Co-Op: Student Researcher-Bioengineer**

January 2013 – May 2013

*Orthopedic Biomechanics Lab – University of Louisville*

Louisville, Kentucky

- Literature research of mechanical stimulation in spinal cord injury
- Facilitation of Grant Project Trials leading to potential conference presentations
- Analysis of biomechanical engineering work extended into the Masters Project

**Co-Op: Student Researcher-Bioengineer**  
**Cardiovascular Innovation Institute**

May 2012 – August 2012  
Louisville, Kentucky

- Literature research of cardiomyopathy in canine
- Perfusion of dog and pig hearts
- 1st hand observation of surgical insertion of a novel medical device

**Co-Op: Research Assistant-Bioengineer**  
**MetaCyte Business Lab**

August 2011 – December 2011  
Louisville, Kentucky

- Conducted market research for startup companies in the areas of health and life sciences
- Attended multiple conferences and interacted with professionals of varying levels
- Constructed several reports summarizing market research

**ADDITIONAL EXPERIENCE**

**Desk Assistant and File Keeper; Brown Brothers Cadillac** (Louisville, KY)

August 2009 – May 2014

**Waitress; Cardinal Hall of Fame** (Louisville, KY)

October 2012 – May 2013

**Adoption Councilor; Kentucky Humane Society** (Louisville, KY)

January 2012 – April 2012

**Resident Assistant; Allen & O'Hara** (Louisville, KY)

May 2010 – May 2011

**In-A-Tub Shift Manager; Northland Traditions Inc.** (Kansas City, MO)

January 2005 – August 2009

- Part-time family job consisting of 20 to 30 hours per week; promoted to assistant manager position

**LEADERSHIP EXPERIENCE AND HONORS**

**R&D Quarterly Quality Award: Leadership and Execution**

September 2016

*Hill-Rom Research & Development Department*

The award spans the entire R&D department of Hill-Rom and is to recognize individuals who have exemplified top performance in any of the three categories of leadership/execution, collaboration, and service. The receiver is nominated by peers who have submitted a form with examples of how the individual has performed exceptionally through work-ethic, knowledge, skills, behaviors, and so forth.

**National Scholars Scholarship**

Awarded August 2009

University of Louisville; Louisville, KY

Awarded to out-of-state high school seniors who achieve a minimum ACT of 26 and GPA of 3.35. It grants approximately \$10,000 each year for 4 years. It extended into the fifth year for J.B. Speed School of Engineering students.

References available upon request.