



EXPERT EXPERIENCE & CONSULTING	
CURRICULUM VITAE <b>DAX B. WELLS</b>	P: 509.750.2548 E: dwells.cec@gmail.com

PROFILE

Experienced mechanical engineer (MS, PE) in machinery failure and incident root cause analyses. Experienced leader and engineering manager with proven track record guiding teams through multiple successful product development launches including aerial lifts, medical devices, tree fruit & nut harvesting equipment, frost protection equipment, engine packages, and numerous equipment accessories including safety related devices.

Possesses a bachelor’s degree in mechanical engineering. Completed a master’s of science degree with an emphasis in product development and manufacturing systems. Licensed professional engineer (PE) and trained equipment operator on boom lifts, scissor lifts, and numerous types of construction & agricultural equipment.

EXPERIENCE

Conducted extensive and in-depth equipment failure analyses in support of attorneys for case evaluation and backing. With extensive experience in product design, development, and failure analysis Mr. Wells has worked closely with attorneys on equipment assessments for safety risks and causation evaluations. Experience in expert consulting including testimonial & evidence reviews, equipment assessment, and report writing.

EDUCATION

Master’s of Science – Mechanical Engineering	2009-2010
Ira A. Fulton College of Engineering, Brigham Young University	
Emphasis – Product Design & Development, Manufacturing Systems	
Thesis – Investigation of Mechanical Differentials as Continuously Variable Transmissions	
 Bachelor’s of Science – Mechanical Engineering	 2004-2009
Brigham Young University - Idaho	
Academic Scholarship	

LICENSURE

Professional Engineer (PE), Washington State  
License Number - #53376

**CONSULTING**      Expansive product, process, and quality systems consulting project experience. Major areas of focus and expertise are: boom lifts, scissor lifts, off road fork lifts, synthetic diamond production, food processing & packaging, surgical devices, medical implants, fruit & nut harvesting equipment, weld joint design, welding process integrity, product design processes, product qualification processes, manufacturing systems design, product quality management systems, and design for safety.

**PATENT**            Worked with attorneys in reviewing patents for patent infringement as well as in drafting claims and creating drawings on patents where a key role was played in developing and designing. During product development performed patent searches and patent reviews to reduce the possibility of intellectual property infringement. Listed as an inventor on several patents.

8,267,897 – Center Twist Hemostatic Valve, W.L. Gore & Associates

10,549,975 – Safety Device for Mobile Work Platforms