



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

**PROFILE/
EXPERIENCE**

Experienced mechanical engineer with nearly 20 years in the design, development, testing, and failure analysis of aerial lifts and agricultural machinery. His career includes direct responsibility for engineering, product safety, structural analysis, prototype development, field evaluations, compliance testing, reliability assessments, and root-cause investigations for complex equipment systems.

Mr. Wells has extensive, hands-on experience with aerial work platform entrapment and tip over cases, including multiple serious-injury and fatal events. His work includes analyzing the interaction between equipment design, operator interaction, machine motion, safety devices, and environmental/jobsite factors. He brings a unique combination of technical engineering expertise, industry standards knowledge, and practical field experience that is critical for accurately assessing product liability, incident causation, and defect allegations.

Mr. Wells supports attorneys on both plaintiff and defense matters, including early case evaluation. He understands the urgency, clarity, and documentation standards necessary for litigation.

Mr. Wells 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.

Has 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, case strategy, and report writing.

EDUCATION

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| 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 | |

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| 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 experience. Major areas of focus and expertise are: boom lifts, scissor lifts, off road fork lifts, agriculture tractors, agriculture implements, 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