

Fatigue Science now the global leader in fatigue management technology

Fatigue Science | August 1, 2013

Vancouver, BC - August 2, 2013 –Fatigue Science, a fatigue management technology company based in Vancouver, now offers the most comprehensive, valid and scientifically accurate fatigue management technology in the world. Under orders from the US Congress, the US Federal Aviation Administration’s (FAA), multi-year study, validated Fatigue Science’s Readiband and Fatigue Avoidance Scheduling Tool (FAST).

Pat Byrne, internationally recognized sleep and fatigue expert and founder of Fatigue Science says “we are thrilled that our technology continues to receive further validation, in addition to the independent validations by US Department of Transportation, Walter Reed Army Institute of Research and the Kettering Sleep Disorder Centre.”

“We are proud to offer our clients the most accurate fatigue management technology in the world that allows them to measure, manage and mitigate their workplace fatigue” said Byrne.

The latest FAA study validates the SAFTE model used in Fatigue Science’s Readiband and Fatigue Avoidance Scheduling Tool (FAST). The FAA said, “the present study utilized actual sleep/wake/work data from a broadly representative sample of professional cabin crew to demonstrate clear relationships between performance effectiveness predicted by the SAFTE model and objective performance outcomes in the field.” The FAA study involved over 10,000 field reaction tests and compared them to cabin crew sleep patterns.

Fatigue Science’s technology is used by research agencies, mining companies, transportation companies, governments, military organizations and professional sports teams globally. Including organizations such as Harvard Medical School, Australian Transport Safety Bureau, Rio Tinto, Colombian Air Force and the Vancouver Canucks of the National Hockey League.

Globally, fatigue is a major contributor to workplace accidents in all 24/7 operations and is a significant issue in professional sports. “We are proud our technology allows companies to easily measure the sleep, fatigue and accident risk of employees to prevent fatigue related accidents while respecting the privacy of the employee” said Byrne.

Fatigue Science’s FAST software received further validation when it was used by the Transportation Safety Board of Canada in a retrospective analysis to identify fatigue in an air traffic controller as a contributing factor in a near-miss incident at Vancouver Airport.

Useful Links

- www.fatiguescience.com
- FAA Validation - <http://fatiguescience.com/wp-content/uploads/2013/08/FAA-SAFTE.pdf>

About Fatigue Science

Fatigue Science provides the world's most advanced fatigue measurement technology, scientifically validated to enhance safety, performance and productivity.

Our technology is approved by the FDA, Health Canada, recommended by the American Academy of Sleep Medicine and validated by the U.S. Department of Transportation.

We have designed customized fatigue solutions for the Vancouver Canucks, Rio Tinto, The US Military, Navy and Airforce, Harvard University and more. For more information please visit our website www.fatiguescience.com

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