



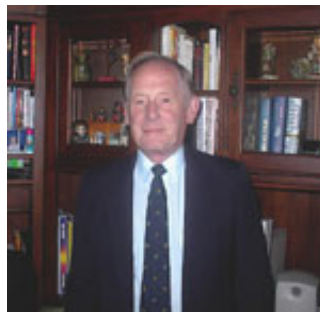
Fall 2013

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Tribute to Jack Gardner & Jim Jatich

We say good-bye to two pioneers in the field of neurotechnology. Both passed away recently but they left a big impact on the research & development as well as the industry.



Jack Gardner

Jack was a valued Adviser to Neurotech Network. He was a word of experience, a test of knowledge and a guiding for in the creation of Neurotech Network. Past Executive Director of the Integrated Spinal Injury Research Foundation (INSPIRE), a charity funding medical/electronic research to aid persons in the United Kingdom who have sustained spinal cord injuries. Jack raised an annual income of over \$320,000 including the funding for FES implants. In this role, he also collaborated with European medical teams to organize training sessions and conferences. Jack was a retired career officer with the Royal Air Force, Specialist Navigator (U.K) and Trials Officer for the U.S. Navy. He also graduated from numerous Military Schools, Royal Air Force Colleges & the SCMP - Harvard Graduate School of Business. Jack had a keen eye for business

opportunities. He was our cheerleader on the sidelines and a shoulder to cry on when we needed it. We will miss you, Jack.



Jim Jatich (left) with
Alan Alda

Jim Jatich was a true test pilot for implanted FES devices. After a spinal cord injury that left him a quadriplegic, Jim received the first upper extremity implanted FES system to restore hand grasp. Jim devoted his life to spinal cord injury research and teaching kids about disabilities. To understand the impact he has made on the medical community and around the world just Google his name. Whether you just met Jim or have known him your whole life his warm personality, positive attitude and smile would impact you for life. Jim dedicated his time, knowledge and body toward research for persons with spinal cord injuries. He was a mentor, an advocate and a true friend. Rest in peace.

Please go to Give Forward, Never Quit campaign to raise funds to cover Jim's medical bills in his final days. Here is the link:

<https://www.giveforward.com/fundraiser/v233/never-quit>

GE Aviation Persons with Disabilities Network



Over 100 attendees in the auditorium and on-line from across the US and Mexico participated in the GE Aviation Persons with Disabilities Network anniversary event on

Wednesday, October 23. They hosted Jen French of Neurotech Network for a session to introduce neurotechnology and the chronicles of the book, *On My Feet Again*. The visit included an intense tour of the development labs for jet engines. Thank you for helping us spread the word about neurotechnology. This photo includes members of the GE Aviation Persons with Disabilities Network, Jen French and the GE90 Jet Engine used on the Boeing 777 jetliner. Thank you for hosting a great event!

Archived Webinars & Resources

Did you miss us in our last webinar? Webinars are a great way to learn about the latest neurotechnology and get the resources you need; all within the comfort of your home or office. Below are the archives and accompanying resources from webinars hosted by Neurotech Network in partnership with United Spinal Association.

"Becoming a Lab Rat" - Lessons Learned from Participating in a Clinical Trial. Presented in cooperation with the Miami Project to Cure Paralysis.

[Link to the video archive](#)

[Link to the presentation in pdf format](#)

Advancements in Managing Chronic Pain for People with SCI/D.

[Link to the video archive](#)

[Link to the presentation in pdf format](#)

Paralysis & Exercise: Cutting Edge Fitness for Wheelchair Users.

[Link to the video archive](#)

[Link to the presentation in pdf format](#)

Rehab Solutions: Functional Electrical Stimulation.

[Link to the presentation in pdf format](#)

Learn more about our outreach activities and upcoming events on our [Upcoming Conferences Page](#).

Personal Stories: Going Mobile

Here are just a few of the stories told by people who use neurotechnology devices and therapies to achieve a better quality of life, become more mobile or suppress symptoms of degenerative diseases. These are the stories that bring the technology to life.

Robyn Stawski was a wheelchair user for pretty much all of her life due to Cerebral Palsy and Traumatic Brain Injury. After using FES systems from RECK MOTOMed and HASOMED, this Paralympic athlete has a new challenge: to climb the 103 flights of stairs to the SkyDeck in the Willis Tower (formerly Sears Tower) in Chicago. She will be doing this on November 3. [Follow her progress on Facebook](#).

Suzanne tells her journey living with relapsing-remitting Multiple Sclerosis. It is featured in the "MS Survival Guide: Living with Multiple Sclerosis". She uses the Bioness L300 to keep her mobile and active. [Here is the link to her story.](#)

Andrew Johnson demonstrates the impact of Deep Brain Stimulation to control his symptoms of Parkinson's Disease. The video is posted on YouTube. [View the video by clicking here.](#)

More stories can be found on our [website](#). Do you have a personal story of the impact of neurotechnology? Let us know.

News & Headlines of Interest

- Spinal Modulation, Inc., announced the first patient enrollment in its U.S. pivotal clinical trial. The ACCURATE Study is a prospective, randomized, multi-center, controlled trial that will evaluate the safety and efficacy of the Axium™ Neurostimulator System for the treatment of chronic lower limb pain. [Read more here.](#)
- Neuros Medical, Inc. announced it has received an Investigational Device Exemption (IDE) approval from the U.S. FDA for their implantable generator. The device, named Altius™, delivers patented high frequency Electrical Nerve Block™ technology for consumers suffering from chronic pain. [Read more about this announcement here.](#)
- In this TEDx talk, Professor Richard Faull talks about his research into neurogenesis in the brain. When the brain matures it doesn't produce new neurons - at least that used to be a central dogma of neuroscience. Professor Faull's research initially into people with Huntington's Disease and then into models of neurogenesis uncovered a neurogenesis pathway in the brain. [Read more here.](#)
- Spinal Cord Stimulation has been an alternative treatment for chronic pain. Now that the system is MRI compatible, it opens it up to a larger patient population. For instance, now SCS is an option for people battling chronic pain due to cancer. [Read a story about this here.](#)
- The 4th Annual SharpBrains Virtual Summit took place in September 2013. Over 30 speakers discussed the latest on brain research, health and innovation. Read about the [highlights from this meeting.](#)
- Exercise after a stroke is an important piece of the rehabilitation process. There is now an exercise guide. It is a practical tool for stroke survivors to start exercising independently from day one after a stroke. The exercises are all easy to perform either lying in bed or sitting in a chair. [Learn more about this book here.](#)
- A 4-channel high voltage programmable chip is now available for use with MEMS and Sensing applications as well as a component of an IPG. Read more about this technology by [clicking here.](#)
- Craig Hospital has a new expansion including patient rooms, family areas , therapeutic and community services as well as an enhanced external campus. [Read about the hospital here.](#)
- Here is one story of how cranial electrostimulation therapy helped a veteran with this insomnia and anxiety. It is published in Huffington Post Healthy Living. [Click](#)

[here to read more.](#)

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