



## RECIPIENT OF THE 2021 TOP MEDTECH INNOVATIONS AWARD

**PHILIP MUCCIO**, founder & CEO of AxioBionics is one of today's top medical technology innovators whose work helped redefine the way quality of life is improved in traumatic injury patients worldwide. He combined a background in prosthetics, orthotics and a keen eye for medical electronics to engineer custom-designed, wearable neuro-prosthetics.

As a passionate explorer, Mr. Muccio spent his formidable years researching ways of improving the science of neuro-rehabilitation through his own brand of neuro-prosthetics. His work achieved prominent success for the many sufferers of spinal cord, traumatic brain injuries and other debilitating issues. His first-generation "suit" in 1995 resolved a patient's chronic pain from fibromyalgia. Since then, his patented concepts of applying controlled and strategically placed electrodes within a garment for long-term exposure became a game-changer for patients suffering from pain and paralysis.



Phil Muccio (L) is the 2021 AngioFoundation Top Med-Tech Innovations Award recipient for his advancement in wearable neuro-prosthetics (R) to significantly improve quality of life for many victims of traumatic injuries.

His driving inspirations were sparked by a critical review of pain medications and mobility-support solutions like orthotic devices and wheelchairs- all made available to limited range of motion and reduce the physiological benefit of active musculature. Mr. Muccio found his calling to form what he refers to as "POSITIVE RECOVERY" by reigniting the body's ability to contract muscles and expand range of motion without imposing restrictions to movement or forcing dependency on the musculo-skeletal system. "Crutch solutions instill a failed reliance on that tool and can rob the patient of valuable muscle strength... while decreasing the brain's role in the movement process. By restricting an injured area or allowing muscles to remain dormant is fixed, you're not promoting communication between the brain and the affected muscles and that can have deleterious consequences."

The success and public recognition of AXIOBIONICS has many parallels to Mr. Muccio's philosophies as a patient care provider. As diagnostician and pathologist, he is a talented strategist and a world class problem solver. His commitment to this emerging field spans decades of research, amassing extensive scientific findings to benefit the continued expansion of his technologies. A testament to his development is a major catalog of wearable therapeutic designs to suit some of the most profound needs, each created to make a true difference in the lives of the many injury cases helped by AxioBionics.

Philip Muccio received the 2019 Crain's Healthcare Heroes Award, the 2020 Marion (Kit) McDonnell "Closing the Divide" Award and the United Cerebral Palsy (UCP) of Michigan and UCP of Metropolitan Detroit have also recognized him for his longstanding commitment to the disabled community. He continues to expand his research-based achievements, what he calls Axio 2.0 which includes therapeutics for sports, first responders, military and other patient groups.

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*The MedTech Top Innovations Award is presented by The AngioFoundation/501c3 and recognizes international leadership in the conceptualization and development of health & medical technologies including but not limited to therapeutic solutions, surgical technologies, diagnostic equipment, protocols & strategies and device upgrades. Media contact- Aimee Arceo: 631-920-5757 / editor.prevention101@gmail.com*