

Providence-based Graphene Composites Wins MassChallenge Platinum Award

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Graphene Composites Limited (GC), a Rhode Island-based startup, was named a \$75,000 cash prize winner of the 2020 MassChallenge Rhode Island accelerator competition.

“Having the opportunity to be part of such a prestigious global accelerator program has been an incredible experience for us as a startup. Access to highly skilled and innovative business leaders, resources, partnerships, and communities within the last four months, has opened up significant opportunities to grow and scale GC [USA](#) – we are very thankful to [MassChallenge](#),” said, Sandy Chen, CEO & Co-Founder, [Graphene Composites Limited \(GC\)](#).

Over the course of the accelerator, startups from around the world leveraged expert mentorships, tailored curriculum, corporate partnerships, and industry resources to launch and grow their companies – all at zero cost and zero equity taken. In June, MassChallenge Rhode Island welcomed 30 startups from three countries and four states to participate in its first-ever virtual accelerator and the winning startups were identified through a round of live, in-person pitches to top executives, industry and innovation leaders from the MassChallenge community.

Graphene Composites says it is "an innovative nanomaterials engineering company based in Rhode Island, driven by an ethos to create life-changing products. At GC we combine graphene and other nanomaterials to make life changing products from composites that are amongst the strongest, lightest, most resilient to our unique virucidal and germicidal ink."

The company claims, "As leaders in our field, we have the ability to combine science, connected applications and commercialization rapidly and efficiently. Our technology can be applied in a range of different production areas with registered patents for our overarching technologies and patents pending for all our products."

Most recently, GC have developed a patent-pending graphene/silver nanoparticle ink formulation designed to kill Coronavirus and most other viruses, including Influenza-A and nearly all bacteria, including MRSA and C. difficile. This formulation can be applied to fabrics, including N95 masks and other PPE. Currently, GC forming strategic alliances with manufacturing partners like G-form, a leading sports gear manufacturer to make coronavirus-killing PPE and athletic products in the US pre-treated with our ink formulation.

In February, Chen told GoLocal, "Graphene creates the strongest, lightest, most resilient materials in the world to manufacture life-changing products."

This is achieved through combining graphene with aerogels, the lightest, most shock-absorbent materials ever developed.

The applications are limitless -- from body armor, to airplanes and boats, to wind turbines, and even quantum computing, Chen believes he has a product that could revolutionize building materials through its groundbreaking technology.

"[Graphene] is the world's strongest substance. It's roughly a hundred times stronger than steel. It's also the world's most conductive substance, about 20 times more conductive than copper," said Chen.

MassChallenge is a global network for innovators. Headquartered in the [United States](#) with seven locations worldwide, Since launching in 2009 more than 2,400 MassChallenge alumni have raised more than \$6.2B in funding, generated more than \$3B in revenue and created more than 157, 000 jobs total.

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