



SENEDIA will continue to share relevant COVID19 information with our members by separate email.

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About Us

SENEDIA is a 501(c)(6) corporate and individual membership organization. Our alliance maintains detailed knowledge of the industrial base that supports our local Federal, Defense and Homeland Security installations, and provides up-to-date information on Defense and Homeland Security industry issues and initiatives to our members, citizens, state and local governments, and Congressional delegations.

Southern New England States' Reopening Plans

For information and resources on Connecticut, Massachusetts and Rhode Island reopening plans, please go to each state's website:

CT: <https://portal.ct.gov/Coronavirus>

MA: <https://www.mass.gov/info-details/reopening-massachusetts>

RI: <https://www.reopeningri.com/>

Member Spotlight: [Graphene Composites Ltd.](#)

What is your company's history?

[Graphene Composites Limited](#) (GC) is a nanomaterials technology company founded in 2016 in the UK and opened their US subsidiary in 2019, based at the CIC center in Providence, Rhode Island. GC is an innovative nanomaterials technology company, driven by an ethos to create life-changing products. Using graphene and other nanomaterials, we produce a range of composites that are amongst the strongest, lightest, most resilient materials ever created. As leaders in our field, we have the ability to combine science, connected applications, and productization rapidly and efficiently, working with key partners and manufacturers to bring products to market.

What services and/or products does your company provide?

Our technology can be applied in a range of different production areas and all products have patents pending. Application areas include armour, aerospace, automotive, and renewable energy.

Membership

Not yet a Member?
SENEDIA provides resources, access, networking opportunities and connections with your peers.

Interested in joining?
Please view our [member application here](#).

Job Openings

One benefit for members is posting job openings on SENEDIA's website. There are [several postings currently on SENEDIA's website](#).

If you would like to post your company's openings, or link to your company's career webpage, please contact us at senedia.info@senedia.org.

Key Product Applications

GC Shield™ technology is a multi-layered graphene/aerogel composite armour that is half the weight of Kevlar, has half the backface deformation, and has been tested up to NIJ Level 3+. It exhibits a unique hypersonic shear thickening effect, meaning the harder it is hit, the harder it becomes. The shield-technology can be applied in many areas where there is a requirement to provide force dispersion and minimise impact damage.

We have also developed a GC heat management technology that not only provides more than double the heat dispersion but can transform the heat into electrical energy, which could be applied to electro-magnetic propulsion systems and missiles.

Recently, we have developed a patent-pending graphene/silver nanoparticle ink formulation designed to kill Coronavirus and most other viruses, including influenza and nearly all bacteria, including MRSA and C. difficile. This formulation can be applied to fabrics, pre-filters, and a wide range of other products serving PPE, sports equipment and filtration systems. The GC Ink is currently undergoing testing at Brown University and the National Physical Laboratory (NPL) in the UK.

Why do you consider membership in SENEDIA valuable?

SENEDIA can offer opportunities for Graphene Composites USA to provide its innovative technology and creative solutions to SENEDIA member organizations.

If a company wants to do business with yours, whom should they contact?

John R. "J.R." Pagliarini, President
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SENEDIA New Members

[Patrona Corporation](#) is a certified small business founded in 2005 that provides professional services including engineering, quality assurance, program management and administrative support services to

SENEDIA Real Jobs RI Internship Program Pivots in Pandemic

As a result of the pandemic, SENEDIA is placing interns both on-site and virtually, to match the shift of companies transitioning to a partial remote working environment. Several interns have successfully interned virtually, in a mix of virtual and in office, and completely in person at a company. To read more, please see [SENEDIA News](#).

If your company would like to host a SENEDIA intern-cyber/IT, engineering, or business/supply chain- this summer or fall, please contact Linda Larsen at LLarsen@senedia.org. SENEDIA has several great candidates.

Events

ADS Expo Atlantic 2020: Virtual Event

September 30 - October 1, 2020

08:00 - 16:30 Atlantic Daylight Time

The Atlantic Canada Aerospace & Defence Association (ACADA), in partnership with the Government of Canada and the Atlantic provinces, are hosting ADS Expo Atlantic 2020, an endeavour to highlight the capabilities, strengths and challenges of the Atlantic Canadian Aerospace, Defence and Security industry as it transitions through and past COVID-19 challenges. [More information here.](#)

Rescheduled: Annual SENEDIA Golf Tournament

SENEDIA's Annual Golf Tournament has been rescheduled for Monday 26 October 2020 at Montaup Country Club.

SENEDIA 2021 Defense Innovation Days

We have set the dates for Defense Innovation Days 2021: 30 August-1 September 2021 at the Marriott Newport! Save the Date!

Due to the continuing COVID19 environment and restrictions on large group gatherings, the 2020 Defense Innovation Days has been cancelled.

Roadmap to Getting a Facility Clearance

As part of the Department of Defense Office of Small Business Programs (OSBP) and the Defense Small Business Webinar Series, [Roadmap to Getting a Facility Clearance](#) was presented on June 24, 2020 by the Defense Counterintelligence and Security Agency (DCSA). This webinar provided small business tips and guidance to prepare small businesses for entry into the cleared defense marketplace.

Deadline Extended

SENEDIA is pleased to announce that we plan to award a minimum of two \$1500 scholarships for the 2020/2021 academic year to students who are actively pursuing studies related to Science, Technology, Engineering and Mathematics (STEM) career paths. These areas of study are the backbone of the skills and experiences that are important elements in supporting the future of national security and the defense sector.

Student applicants must be a U.S. citizen and a resident of Southeastern New England (RI, MA, CT); entering their third year of study (or higher) in the 2020-2021 academic year; and a matriculating student enrolled in a STEM-related field at an accredited college or university located in the U.S.

The 2020-21 SENEDIA scholarship application is available on the [SENEDIA website \(www.SENEDIA.org\)](http://www.SENEDIA.org). The deadline for applications is now **Friday, October 30, 2020**. For more information, please contact Linda Larsen at llarsen@SENEDIA.org.

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