affoa®

Advanced Functional Fabrics of America

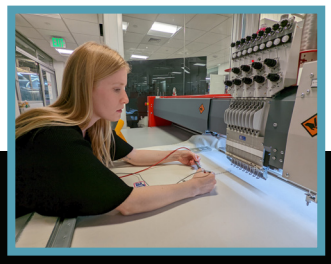
We do amazing things, come join us...

AFFOA's Mission is to rekindle the domestic textile industry by leading a nationwide enterprise for advanced fiber & fabric technology development and manufacturing, enabling revolutionary system capabilities for national security and commercial markets.

AFFOA is a non-profit, public-private partnership founded in 2016 as one of the Department of Defense funded Manufacturing USA Innovation Institutes. We are dedicated to accelerating the pace of innovation in advanced textiles through R&D, transitioning and integrating fiber and fabric technologies into products with dual-use applications, all while building and preparing the workforce of the future that can support these new manufacturing needs.

Every day the team at AFFOA works together to foster the development of new technologies and integrated systems in the advanced functional fabrics and fibers industry, both internally and externally. One of the ways we do this is by collaborating with members of our ever-growing Fabric Innovation Network to pioneer solutions for national security and commercial challenges.

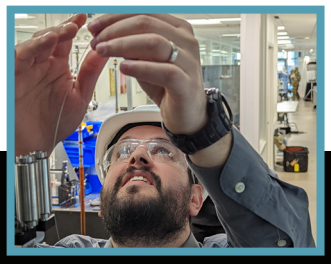
As a team, we assist our customers in solving some of the most complex technical challenges in the production and integration of functional fiber and fabrics. Over the years, we have served dozens of US Government agencies and industry sponsors with needs ranging from manufacturing scale-up of multimaterial fibers to the design and integration of electronically-powered garments that can see, hear, store data, and communicate.



Onsite labs to create and develop virtually any solution.



Utilize the latest technology to solve industry wide problems.



Proprietary tecnnology unavailalble anywhere else.



Work with a team of experts in an amazing environment.

What We Do

We are revolutionizing the textile industry by transforming traditional fibers, yarns and textiles into highly sophisticated, integrated, and networked devices and systems, enabling novel products & business models that leverage fabrics as a service.

How We Do It

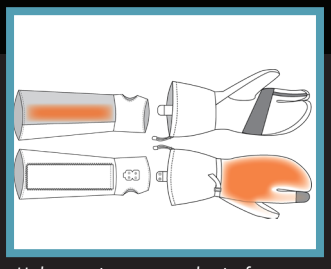
We are creating a robust domestic supply chain crucial for our country's defense and economic competitiveness. AFFOA is working diligently to reach this goal, taking on unique challenges and making remarkable progress.

Why We Do It

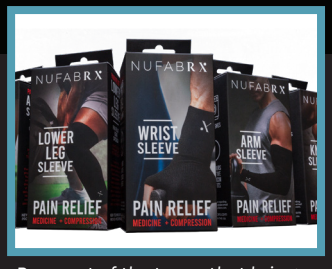
We are reinvigorating the U.S domestic textile industry, creating new jobs, and providing domestic manufacturers with a competitive edge.



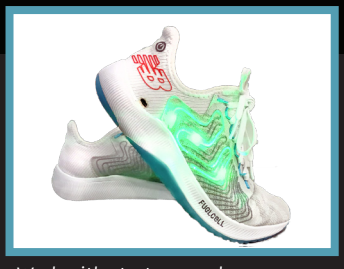
Integrate new technology to improve emerging products.



Help create new products for military and commercial use.



Be a part of the team that brings ideas from concept to commercial reality.

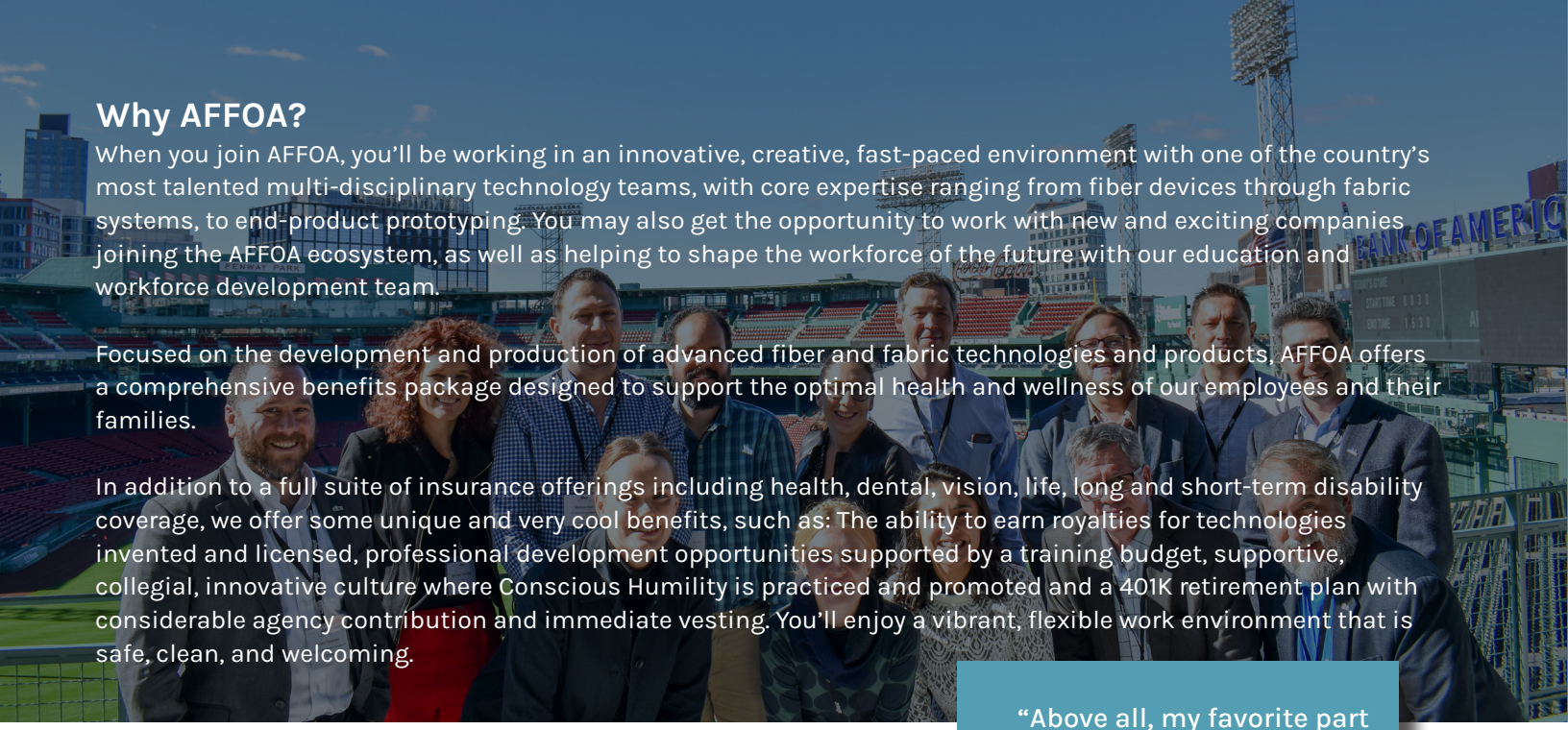


Work with startups and established companies.

The moment you walk through the doors at AFFOA's Headquarters in Cambridge, Massachusetts, you can feel the energy and excitement in the air. It is a hive of activity, teeming with enthusiasm created by some of the most intelligent and experienced experts in the world.

Supporting employees to learn, grow, thrive, and contribute, in a collaborative, inspiring environment is of paramount importance. We have a lot of work to do, and we know that nurturing our team to think outside the box, take risks, and continuously challenge the status quo is a great way to support their personal journeys and our mission.

Become part of the team that is transforming an entire industry and pioneering the future of functional fabric. Learn for yourself what makes AFFOA stand out as a premier employer and visit us at affoa.org/careers or contact us at careers@affoa.org



Why AFFOA?

When you join AFFOA, you'll be working in an innovative, creative, fast-paced environment with one of the country's most talented multi-disciplinary technology teams, with core expertise ranging from fiber devices through fabric systems, to end-product prototyping. You may also get the opportunity to work with new and exciting companies joining the AFFOA ecosystem, as well as helping to shape the workforce of the future with our education and workforce development team.

Focused on the development and production of advanced fiber and fabric technologies and products, AFFOA offers a comprehensive benefits package designed to support the optimal health and wellness of our employees and their families.

In addition to a full suite of insurance offerings including health, dental, vision, life, long and short-term disability coverage, we offer some unique and very cool benefits, such as: The ability to earn royalties for technologies invented and licensed, professional development opportunities supported by a training budget, supportive, collegial, innovative culture where Conscious Humility is practiced and promoted and a 401K retirement plan with considerable agency contribution and immediate vesting. You'll enjoy a vibrant, flexible work environment that is safe, clean, and welcoming.

Our Core Values

Guided by our core values, our team of talented scientists, designers, engineers, and business leaders are working on the nation's most important problems while contributing to a national innovation engine poised to reignite the domestic textile industry.

> **"Above all, my favorite part of working at AFFOA has been the people. Everyone's passion is palpable, and working across disciplines has been a great opportunity to both learn and share."**
> - Gabe Shaikh
> Electrical Engineer, AFFOA

Integrity

We are honest and committed to doing right. We seek the truth in our work, and take responsibility for our decisions.

Relationships

Awareness of and commitment to the principle that no one of us is better than another, is at the heart of who we are and how we treat people.

Perseverance

We're proactive, we take initiative, and we always follow through. When needed we work the extra hours to meet our commitments. We work smart and hard, and we celebrate progress as one team.

Creativity

We nurture curiosity. Exploring all things through different lenses fuels our innovation.

Technical Excellence

We are lifelong learners and foster deep subject matter expertise across many domains. Our expertise is second to none.

Mission-Driven

Our work is aligned with purpose and direction. We know what matters and we believe in it.

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We respect and proudly serve those that dedicate their work in service of our country – our military service members, our manufacturers, our innovators, and our academic, state, and federal partners.