

# Ultra-Precision Digital Manufacturing Technology Pioneering Research With 3D Printing



Companies across the educational, research, engineering, and chemical manufacturing sectors are adopting B9Creations' digital manufacturing solutions to bring breakthrough ideas to life.

**Colleges & Universities** prepare students for future-proof careers.

**Research Labs & Engineers** bring breakthrough ideas and concepts to life.

**Chemical Companies** develop novel materials tailored for additive manufacturing.

**Technical Schools & Fabrication Labs** incorporate industrial-grade 3D printing into fabrication labs and maker spaces.

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### **Research & Higher Education: Advance What's Possible**

The goal of every researcher is to advance their field of study, and research councils want to fund projects that span multiple disciplines. From creating prototypes that illustrate findings in vivid detail to pushing the frontiers of science and space, 3D printing is accelerating the field of research.

### **Technical Schools: Strengthen the Technical Workforce**

A strong manufacturing sector has always been an engine for individual prosperity and economic growth. That's why career and technical schools must prepare the workforce of tomorrow with in-demand, tech-centric skills. Training programs in 3D printing directly affect machinists, automation specialists, and other skilled technicians. performance at scale.

### **Train Students in the Additive Mfg. Skills Industries Demand**

Additive plays a key role across industries, but there's a widening gap between technology and the number of skilled workers who can drive it. You will prepare the workforce of tomorrow by offering a professional proficiency credential in additive manufacturing technologies, industries and applications, DLP materials, design considerations from CAD to CAM, fabrication considerations, and post-processing methods.

Contact Us

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# We Power Your Research So You Can Change Our World

**B9Creations' ultra-precise, high-speed, easy-to-use technology has been featured in 180+ peer-reviewed journals, being used for research such as:**

- Microfluidics
- Oncology, Stem Cell, and Biomedical Research
- Drone Development and Robotics
- Micro-Circuitry and Mechanical Engineering
- Materials Science and Development
- Aerospace and Space Research
- Geology & Physics
- Art & Design and Business School Prototypes
- Faculty Research and Student Projects
- And More

## **With B9Creations' Technology, Universities Are:**

- Finding the cure for osteoarthritis through 3D cultures
- Stopping counterfeiting in its tracks with invisible 3D printed QR codes
- 3D printing in microgravity for use on the International Space Station
- Creating 3D printed self-sens parts to detect structural damage
- Tracking wildlife populations with 3D printed expandable collars



*"Protecting intellectual property is one of the largest problems of living in a technological age, & it's becoming more important than ever for businesses, pharmaceutical companies, & the government to guarantee their product's legitimacy. We're reducing the threat by using B9Creations' technology as anti-counterfeiting technology with 3D printed QR codes that are only visible under infrared light to authenticate products."*

## **The Additive Manufacturing Solution Trusted by 80+ Universities Across the Globe**

To ensure that your 3D printing solution will work long-term and provide students with tools that will be useful in their education journey and beyond, B9Creations will tailor a solution that meets your needs and budget, leveraging the best technology and services available. We offer tiered service packages that include access to our hot swap program, ongoing educator training and support, custom material development, and much more.

The solution leveraged by brands from GE Research to Sartomer, Stanford, University of Michigan, Oak Ridge and Sandia National Laboratories, and more.

