



EDD

ECONOMIC
DEVELOPMENT
DEPARTMENT

OFFICE OF SCIENCE AND TECHNOLOGY

Contact: Bruce Krasnow
Bruce.Krasnow@edd.nm.gov
(505) 795-0119

Gov. Michelle Lujan Grisham
Cabinet Secretary Alicia J. Keyes
Deputy Secretary Jon Clark
Director Alexander M. Greenberg

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State awards science and technology startup grants to 10 innovative businesses

EDD funds will jumpstart research and commercialization, create jobs

SANTA FE, N.M. - The New Mexico Economic Development Department, through its Office of Science and Technology (OST), has awarded business startup grants to 10 innovative companies to support research and jumpstart commercialization of products that will create more New Mexico jobs, Cabinet Secretary Alicia J. Keyes announced today.

The FY2023 grants from \$25,000 to \$100,000 were awarded through two initiatives, the New Mexico Small Business Innovation Research (NM SBIR) matching grants and the Science & Technology Business Startup grant program with input from the Technology Research Collaborative (TRC), a group of science and technology professionals who use their expertise to make funding recommendations.

State support for these science and technology companies speaks to New Mexico's commitment to many of the target industries that Governor Michelle Lujan Grisham is focused on, including biosciences, green and renewable energy, and intelligent manufacturing.

"These grantees are a diverse group of New Mexico businesses who represent the state's advancing science and technology industry sector. From artificial intelligence to biosciences, these companies help to solve complex problems using high-tech, real-world solutions," EDD Secretary Keyes said. "With the federal research labs and a skilled workforce, New Mexico has seen enormous success attracting and supporting these industries and the rest of the country is taking notice."

"The FY23 group of awardees represents an excellent cross-section of startups across our targeted industry sectors," Office of Science and Technology Director Alexander M. Greenberg said. "From Los Alamos to Las Cruces, the emerging businesses are a testament to the culture of innovation and entrepreneurship throughout the state and why we should all be optimistic about New Mexico's future."

Small Business Innovation Research (SBIR) grants

Small Business Innovation Research (SBIR) grants are competitive federal grants that support small businesses engaged in research and development (R&D) with a potential for commercialization. NM SBIR grants provide recipients additional resources to commercialize technology developed with federal SBIR funding. State-level matching programs like this often lead to follow-on funding, stimulate business growth and

expansion, generate wealth, and increase tax revenue and commercial viability of the receiving firms.

The purpose of the NM SBIR grant is to accelerate commercialization of technologies developed with SBIR awards. Awards will fund and assist New Mexico science and technology companies with the goal of market entry, customer acquisition, business expansion, job creation, and increasing the tax base.

NMSBIR Awardees:

EnviTrace LLC (Santa Fe) develops cutting-edge artificial intelligence and machine learning methods and tools to analyze various types of environmental data. Their cloud-based software, GeoTGo, is designed to assist communities in developing and utilizing their geothermal energy resources. Grant amount: \$25,000.

ErgoTech (Los Alamos) develops and sells software for manufacturing and factory automation with a focus on data collection, unified data access/data lakes for machine learning and artificial intelligence (ML/AI) applications. Grant amount: \$25,000.

MNT Smart Solutions (Albuquerque) has created a remotely controlled, active particle toothpaste and magnetic toothbrush combination product to revolutionize oral care by targeting plaque in hard to reach places while giving users a beautiful, stain-free smile. Grant amount: \$25,000.

Integrated Deposit Solutions (IDS) (Albuquerque) is a high-technology small business focused on developing unique aerosol printing technology for the printed electronics industry. The very high transmission efficiency of IDS' core aerosol technology makes it ideally suited for continuous, long-term atmospheric sampling on Venus and other planets as well enhancing the performance of commercial instruments here on Earth. Grant amount: \$100,000.

NeuroGeneces (Santa Fe) applies cutting edge neuroscience, sleep expertise and AI to provide brain health assessments and insights to enhance cognitive health span. Grant amount: \$100,000.

Science & Technology Business Startup Grants

Science & Technology Business Startup Grants are awarded to high-growth New Mexico companies with fewer than 50 employees in the fields of aerospace, biosciences, cybersecurity, intelligent manufacturing, or sustainable and green energy.

Science & Technology Business Startup Grant Awardees (\$25,000 each):

Hawk Spider (Albuquerque) builds grid-scale, long-duration energy storage systems using off-the-shelf components for electricity producers and large electricity consumers. Utilizing modular shipping containers, their solution is prefabricated for ease of distribution and rapid installation on solar and wind project sites.

Hoonify Technologies (Albuquerque) is bringing high performance computing (HPC) capabilities to the masses. Hoonify turbocharges commonly available hardware and transforms it into a high-performance computer, allowing users to have HPC capabilities in non-traditional environments and at a fraction of the cost of traditional HPC.

Roper Solutions dba Patch (Las Cruces) keeps off-grid workers safe and connected with PATCH, a patented wearable device that creates an encrypted mesh network so you can send text messages, map your team using GPS, and monitor their activity, without the need for cell service, Wi-Fi, or satellite.

Guardian Devices, LLC (Albuquerque) has developed the Solar Guardian, a photovoltaic connector that prevents arcing faults and stops solar array fires before they start.

Circular Genomics (Albuquerque) is a biotechnology and genomics company with a vision to use circular RNAs as novel and accurate biomarkers for the diagnosis and better

treatment of psychiatric and neurological diseases.

The Office of Science and Technology (OST), an office within the New Mexico Economic Development Department (EDD), was created to connect New Mexico's innovation infrastructure to the commercial market. OST strives to lead and execute programs that encourage and enable the startup, growth, and relocation of technology-based industries in and to New Mexico.

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MNT Smart Solutions



Roper Solutions dba PATCH



NeuroGeneces

EDD's mission is to improve the lives of New Mexico families by increasing economic opportunities and providing a place for businesses to thrive. EDD's programs contribute directly to this mission by training our workforce, providing infrastructure that supports business growth, and helping every community create a thriving economy.

