

# LEMELSON-MIT

*Celebrating invention, inspiring youth*

## Ten High School Teams Awarded Lemelson-MIT InvenTeam® Grants To Solve Real-World Problems with Technological Solutions

CAMBRIDGE, Mass. (Oct. 26, 2022) — Today the Lemelson-MIT Program announces the 2022-2023 InvenTeams, 10 teams of high school students, teachers, and mentors from across the country who each will receive \$7,500 in grant funding and other support to build a technological invention to solve a problem of their own choosing. The students' inventions are inspired by real-world problems existing in local or worldwide communities with which they are connected.

### Meet the 2022–2023 InvenTeams

The InvenTeams were selected by a respected panel consisting of university professors, inventors, entrepreneurs, industry professionals, and college students. Some panel members were former InvenTeam members now working in industry or are in college. The InvenTeams have decided to focus on problems facing their local communities, with a goal that their inventions will have a positive impact on beneficiaries and, ultimately, improve the lives of others beyond their communities. This year's teams are:

- *Canadian Valley Technology Center (El Reno, Okla.)*
- *Chicago State University Pre-Freshman Program in Engineering and Science (Chicago, Ill.)*
- *Enloe High School (Raleigh, N.C.)*
- *iPrep Academy North (Miami, Fla.)*
- *Mira Loma High School (Sacramento, Calif.)*
- *Oswego East High School (Oswego, Ill.)*
- *Rolling Robots (Rolling Hills Estates, Calif.)*
- *SOAR Early College High School (Lancaster, Calif.)*
- *Sylmar Biotech Health and Engineering Magnet High School (Sylmar, Calif.)*
- *Tucumcari High School (Tucumcari, N.M.)*

The 2022–2023 InvenTeams are comprised of students, teachers and community mentors who pursue year-long invention projects involving creative thinking, problem-solving, and hands-on learning in science, technology, engineering, and mathematics (STEM). The InvenTeams' prototype inventions will be showcased at a technical review within their home communities in February 2023, and then again as a final prototype at **EurekaFest®** — an invention celebration taking place June 12-14, 2023, to be held at the Massachusetts Institute of Technology in Cambridge, Massachusetts.

“The InvenTeams are focusing on problems that impact their world in some way,” says Leigh Estabrooks, Lemelson-MIT's Invention Education Officer. “This year, we have teams focusing their technological inventions on health and wellbeing inequities, environmental issues, and safety concerns. InvenTeams are not just problem-solvers of tomorrow, they are problem solvers *today*.”

Now in its 19<sup>th</sup> year as the premier grant initiative for inventive youth, I'm proud to say that 14 of our teams have received U.S. patents for their work in high school. Almost 50% of the inventor-patentees from InvenTeams identify as females which is extraordinary since only 12.8% of U.S. inventor-patentees are female according to the United States Patent and Trademark Office. Our work supports students of all backgrounds in developing problem-solving skills that will be of benefit in their college and career endeavors, and in their personal lives. These are students who will invent our future.”

#### **ABOUT THE LEMELSON-MIT PROGRAM**

The Lemelson-MIT Program (LMIT) is a national leader in efforts to prepare the next generation of inventors and entrepreneurs. Our work focuses on the expansion of opportunities for people to learn ways inventors find and solve problems that matter to improve lives. Our commitment to diversity, equity and inclusion aims to remedy historic inequities among those who develop inventions, protect their intellectual property, and commercialize their creations.

Jerome H. Lemelson, one of U.S. history's most prolific inventors, and his wife Dorothy founded the Lemelson-MIT Program at the Massachusetts Institute of Technology in 1994. It is funded by The Lemelson Foundation and administered by the School of Engineering at MIT, an institution with a strong ongoing commitment to creating meaningful opportunities for K-14 STEM education. For more information, visit [Lemelson.MIT.edu](https://lemelson.mit.edu).

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