



Madina Academy

Connecticut Science & Engineering Fair 2017 Winners

Student: Alina Mohammed (Grade 10)

Award: 4 years of participation in the Connecticut Science & Engineering Fair

Project: Light Intensity and Photosynthesis: How different colors of light and their intensities affect photosynthesis?

Students: Sakinah Caesar & Sheza Chaudhry (Grade 7)

Awards:

- * Alexion Biotechnology Awards --- Finalist - Biotechnology 7h grade - CSF Medallion
 - * Association for Women Geoscientists --- Certificate & \$25 gift card to Amazon given by CSEF
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Project: Investigating Novel Methods of Generating Electricity Using a Double Plated Magnetic Generator with Springs Compared to a Miniature Axial Rounded Tip Tidal Stream Generator

Students: AlYaman Zoghol & Ahmad Mohammed (Grade 8)

Awards:

- * Pepsico Physical Sciences Awards --- Finalist - Physical Science sJr Team - CSF Medallion
 - * Sustainable Resources and Practices Awards --- Middle School Finalist - Medallion
 - * UTC Aerospace Systems Awards for Excellence in Engineering --- 5th Place- Engineering 8th grade- trophy
 - * United Technologies Corporation Awards --- \$500 in UTC Common Stock, Plaque, Backpack, and Annual Report
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Project: Charge Your Devices Using a Portable Thermoelectric Generator Harnessing Wasted Heat Energy

Students: Ayman ElSherbini & Alina Mohammed (Grade 10)

Awards:

- * Energize CT/eesmarts Future Sustainability Awards --- High School Finalist – Medallion
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Project: Converting Grass into Cellulosic Ethanol to Generate Energy as a Heating System

Students: Radeyah Ahmed (Grade 10) & Jareen Choudhury (Grade 11)

Awards:

- * Energize CT/eesmarts Alternative/Renewable Energy Awards --- 3rd Place High School - \$200 Cash and Plaque
- * University of New Haven High School Awards in Engineering & Science --- \$100 For High School Project in Energy & Transportation