Thanks to Harrisburg University's Research Greenhouse at Steelton-Highspire School District, HU Aquaponics is positively impacting food security in the region through Controlled Environment Agriculture (CEA).

More than 1,100 leafy greens (lettuce, spinach, herbs, etc) are growing at any given time in the greenhouse. Much of this produce is donated to local community aid organizations.

Aquaponics is the combination of land-based seafood farming (aquaculture) and soil-less vegetable growing (hydroponics), where the nutrient-rich water from fish production is treated and used as a naturally-derived fertilizer for plants. These systems conserve water, grow food faster, and take up less space than traditional farming methods.

HU Aquaponics, led by Dr. Rachel Fogle, is committed to training students and conducting innovative research that responds to global and local needs. Students from diverse disciplines work in teams to gain hands-on experience and develop skills to prepare them for success in the growing CEA industry.

HU Aquaponics is currently fundraising for the construction of an expanded CEA research farm that will integrate innovative aquaculture and hydroponic practices. If you are interested in learning more, please inquire.

You can learn more about HU Aquaponics at:
https://centers.HarrisburgU.edu/aquaponics/

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