



Midwest Aquaponics Expertise Development Initiative (MAEDI)

Milwaukee Teacher Education Center (MTEC) and its project partners—Sweet Water Foundation, Sweet Water Organics, and Kennedy-King College—have received funding from the US Department of Agriculture to conduct a teacher training and educational pilot program to support students’ entry into food science-related careers. Through the *Midwest Aquaponics Expertise Development Initiative (MAEDI)*, we will develop an “Aquaponics Learning Framework,” to increase high school teacher instructional competencies in STEM disciplines using school-based mini-aquaponics systems. The Framework will be piloted through the training of 6 aquaponics instructional coaches and teachers from a variety of content areas in 5 schools, who will design and deliver aquaponics-based lessons to a group of 15 to 30 high school students in Milwaukee and Chicago during the 2011-12 year.