

## Community Aquaponics Garden

Turn our vacant lot into an urban oasis! We want to revitalize the city of St. Louis by appealing to one of our most basic but vital human needs; healthy food. Our initial demonstration project will include an Aquaponics greenhouse operating free from external sources of energy. With this project we will exhibit the harmonious use of system design and natural nutrient cycles to reduce our impact on the environment while increasing our standard of living.

Utilizing solar, wind, thermal and water capture technologies we will create a self-sufficient living garden that uses fish to grow an abundance of fruits, vegetables, herbs and flowers in a simulated closed loop eco-system that can be scaled to any size.

Our primary objective will be to synergistically utilize proven agricultural methods and renewable technologies to develop the process of designing, building, and installing modular, self-sustaining, portable systems capable of producing clean organic foods.



## Aqua Botanical Team Members:

### Charlie McIntosh:

- Graduated from the University of Colorado at Boulder with a degree in Chemical & Biological Engineering.
- Enrolled in Ph.D. program in the Energy, Environment and Chemical Engineering Department at Washington University in St. Louis
- Specializes in systems design, renewable energy and self-sufficient biological systems.

### Timothy Elliott II

- Co-Founder of Aqua Botanical LLC.
- Graduated from Missouri Baptist University with a Master's Degree in Business Administration.
- Specializes in project management, financing, budgeting.

### William Hughes

- Co-founder of Aqua Botanical LLC.
- Specializes in systems design and engineering, sustainable infrastructure, community development and health.

### Hunter Morgan

- Indoor garden design expert
- Specializes in horticulture, aquaculture and living ecosystems.

Our team brings forth a passion to change the world and an understanding on how to do it. Each member provides their own unique skills and experience that together create a catalyst to evolve our way of life.

[AquaBotanical.org](http://AquaBotanical.org)