



START HERE. GO EVERYWHERE.

Welcome to the

City of Cape Coral Oasis Charter Schools STEM & Innovation Advisory Board

PURPOSE

The purpose of the Oasis Charter Schools STEM Advisory Board is to provide subject matter expertise to charter school STEM program managers and educators as they continue to build-out their STEM & Innovation program. In addition, advisory board members will proffer their real-world insight and considerable influence in the areas of academia, industry, technology and community networking to entice diverse populations into STEM programming and careers.

This accomplished advisory board will be composed of current and retired industry executives, educators, and community leaders who will assist the Oasis Charter Schools as they refine their comprehensive K-12 curricula to address the extensive roles science, technology, engineering, and mathematics play in our nation's economic landscape.

MEMBERSHIP


Board members will be part of a standing seven (7)-person advisory board that meets at least four (4) times a year including *in virtual*, during an approximate time. A quorum shall consist of at least four (4) members

Each board member's verified subject matter expertise will be used to help the charter schools access STEM resources in areas the school system may be limited and/or challenged with regard to STEM professional development and networking.

**FOUR
SCHOOLS,
ONE
VISION**

239.424.6100 

239.541.1039 

TheOasisAdvantage.com 

3519 Oasis Blvd., Cape Coral, FL 33914 

OASIS CHARTER SCHOOLS VISION AND MISSION

Oasis Charter Schools' *vision* is that everyone can succeed in a safe and nurturing learning environment through positive partnerships between parents, schools, and the community. Our *mission* is to create a K-12 system that empowers students to be independent, responsible, life-long learners who value personal integrity, academic achievement and have a global impact.

STEM & INNOVATION PROGRAM OVERVIEW

Oasis Charter Schools (OCS) are spread across the southwestern section of Cape Coral, Florida. This municipal charter school system is the only K-12 progressive STEM & Innovation educational pathway in the city. The OCS STEM & Innovation program will start in the Fall of 2020, first in the middle school, then moving onward to the high school and the two elementaries. The initial focus will be on STEM professional development for educators, then implementation into classrooms teaching students engineering, coding and robotics. Additionally, a Makerspace learning lab will be available for educators to learn "out of the box" methods of incorporating STEM principles into all content areas of the curriculum. Building a repository of subject matter experts to encourage OCS educators will be a key component in the program's future success

PROGRAM OUTCOMES

The OCS STEM & Innovation Program believes that all students can achieve a deep understanding and specific competency level after exposure to well-qualified STEM curriculum. Furthermore, by engaging in STEM coursework over the entirety of a K-12 spectrum, we anticipate all Oasis Charter Schools students should be able to:

- Collaborate on complex problems leveraging their diverse knowledge, skills and abilities to develop appropriate solutions and sustainable innovations.
- Critically think and properly communicate multiple process channels and applications.
- Use technology appropriately and develop applications for real-world issues.
- Nurture a passion for continued learning and innovation from STEM cross-curriculum content that can easily be applied to the multiple needs of a 21st Century global workforce.

PROGRAM CONTACTS

Dr. John Omundsen, OCS STEM Program Director
John.Omundsen@capecharterschools.org

Lori McLain, OCS STEM Facilitator
Lori.Mclain@capecharterschools.org

Oasis Charter Schools STEM & Innovation Advisory Board Application

Name: _____ Date: _____

Address: _____

City, State, and Zip Code: _____

Phone/E-mail: _____

First, please place a check next to the area(s) where you feel you will be most beneficial and confident. Next, please answer the questions below as completely as you can. If necessary, please use additional paper to fully complete your response. Thank You

Curriculum Design

Program Management

Professional Networking

Funding

Subject Matter Expertise

Education and Training

Volunteer or Guest Speaker

Talent Acquisition & Retention

What is your Subject Matter Expertise? How many years of experience?

Why are you interested in joining the Oasis Charter Schools STEM & Innovation Advisory Board?

What specific STEM curriculum and/or related opportunities do you plan to bring to the Advisory Board?

Discuss the importance of providing STEM opportunities for students from traditionally underserved backgrounds (i.e., gender, race, etc.). What thoughts do you have for how this additional representation can be increased?

Please remember along with this application you must also submit your current resume and/or *vitae* that includes at least two (2) professional references to: John.Omundsen@capecharterschools.org. Thank You for your interest in the *Oasis Charter Schools*. "Start Here. Go Everywhere." **DEADLINE OCTOBER 9, 2020**