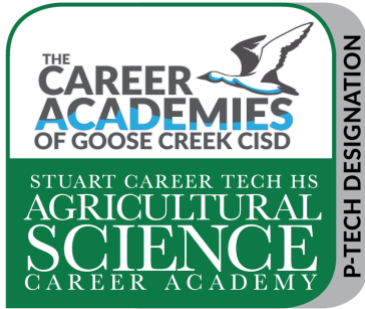


# Agricultural Science Advisory Board

Date | time 5/7/2025 3:30 PM | Location SCTHS/Webex



**SCTHS Mission:** *The Mission of Stuart Career Tech High School is to **EQUIP** students with **ACADEMIC** and **CAREER OPPORTUNITIES** that successfully **PREPARE, EMPOWER** and **PROPEL** our graduates into **THEIR FUTURE**.*

**Agricultural Science Academy Mission:**

The Agricultural Science Academy provides students with hands-on experiences, knowledge, and skills to prepare them for employment and post-secondary opportunities.

**Agricultural Science Academy Vision:**

We empower every student with the knowledge and skills they need to succeed in the global agricultural industry.

## Agenda Items

- I. Welcome & Introductions: Meeting was called to order at 3:36 PM by Kelly Mills and all in attendance were introduced. The academy mission and vision were reviewed as well as NSOP's.
- II. Approval of Minutes-Alvaliz Jimenez presented the minutes from the previous meeting, motion to approve minutes presented by were approved.
- III. Academy Update
  - a. Teacher Reports
    - i. Jimenez- Ms. Jimenez reported that the freshman cohort is doing well; half of the academy had already joined the FFA. This adds to our total membership that totals to 63 members for 25-26 year. 24 students attended the Gulf Coast district Greenhand Camp. There are currently 6 students in the Hort w/lab class and 13 plant practicum students in the plant science pathway. Plant science students are working on a method where the plant science program is divided into departments. Each department has a manager and assistant manager. The goal is to bring student ownership and interest. The spring plant sale will be on March 21<sup>st</sup>, 2026.
    - ii. Guillory- Mr. Guillory reported that there will be many students with livestock projects on feed this year for the Baytown Youth Fair along with some majors. He also reported that advisors are getting animals for different species. Mr. Guillory also reported that the chapter had a very successful FFA convention at Fort Worth. Students attended various events and workshops. Seitz Fundraiser. Stuart FFA is getting their first National FFA American Degree through an alumni student, Ashlynn McMakin. Stuart FFA is also starting to practice for their LDE District Contest happening on November 4<sup>th</sup>.
    - iii. Mills- Ms. Mills reported that there are 12 students who are currently in clinicals at six local vet clinics and The Blue Doghouse. Seniors are running the Spa 4 Paws and have already had many clients. The spa is a student-led business and Ms. Mills listed some of the services that are provided, including Baytown Police Department. Ms. Mills stated that vet students have been able to go on various school field trips related to agricultural industries. Stuart FFA had their first 3 Lonestar recipients for their chapter. There was also a 2-day FFA Officer retreat were students volunteered at the Baytown Animal Shelter. Ms. Mills also listed all the learning opportunities students will have through agriculture and FFA.

- iv. Rogers- Mr. Rogers, reported that the Ag Center is an extension of the classroom with 16 students. Students are also responsible for walking in the barn each day and reporting on sick animals or any other issues they notice. Students are also working with quail capstone projects.
- b. Student Report-
  - i. Evelyn Kipe and Natalee Velazquez presented over the Stuart FFA officer team and the opportunities they had during the summer like the Texas FFA Convention and Officer Retreat.
  - ii. Fayth Watt presented over her experience with the Norman Borlaug Youth in Agriculture Program.
  - iii. Sophia Leming and Mia Ramirez presented an update in their Morach Heroes Project.
- c. Administrative/Counseling Report-Ms. Vavricka

#### IV. New Business

- a. Announcements-Ms. Vavricka and Ms. Mills are working on adding new industry partnerships -dog grooming and area zoos. Trying to add to new vet clinics for next school year. Ms. Mills met with a new partner today who has agreed to come on board for practicum students.
- b. Industry Partner Updates
- c. 2024-2025 EOY Goals report-20 students in practicum and all have an IBC, current seniors-7 passed CVA and 3 more will test on 5/8. Goal 2-Seniors - 58% Junior - 88% Sophomore - 76% Freshman - 71% Goal 3-52% of members participated in LDE's, CDE's or SDE's.

Closing/Adjournment- Meeting was adjourned at 4:03 PM

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### Additional Information

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Future Meeting Dates/Time: TBD for 2025-2026 SY

#### **Goals for the Agricultural Science Academy:**

**Goal#1:** 100% of the Agricultural Science Academy Practicum Cohort will earn a TEA recognized Industry Based Certification by the end of the 24-25 school year.

**Goal#2:** 100% of the Agricultural Science Academy students will become members of the SCTHS FFA Chapter by November 1, 2024.

**Goal#3:** 25% of SCTHS FFA members will participate in LDE's, CDE's or SDE's by the end of the 24-25 school year.

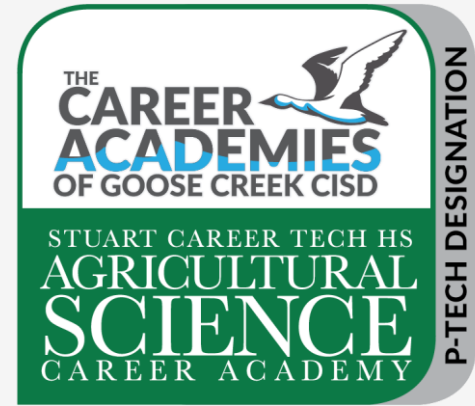
Members present: K. Mills, A. Jimenez, D. Guillory, B. Hinnant, K. Johnston, J. Guillory, M. Elliott, N. Velazquez, F. Watt, K. Rogers, L. Vavricka, Ms. Kipe, L. Miller, O. Ferman

# Agricultural Science Academy

Advisory Board  
Meeting 9-24-25



# WELCOME



- Introductions
  - GCCISD Staff
  - Industry Partners
  - Parents
  - Students
- Review Minutes from 5/7/25

**Academy Vision: We empower every with the knowledge and skills they need to succeed in a global agricultural industry.**

**SCTHS Mission: The Mission of Stuart Career Tech High School is to EQUIP students with ACADEMIC and CAREER OPPORTUNITIES that successfully PREPARE, EMPOWER and PROPEL our graduates into THEIR FUTURE.**

**Academy Mission: The Agricultural Science Academy provides students with hands-on experiences, knowledge, and skills to prepare them for employment and post-secondary opportunities.**



# National Standards of Practice

## **I. Defined Mission and Goals**

The career academy has a written definition of its mission, goals, and benchmarks. These are developed by and available to the administrators, teachers, students, parents, advisory board, and others involved in the academy.

## **II. Academy Design**

An academy has a well-defined design within the high school, reflecting its status as a small learning community.

## **III. Host Community and High School**

Career academies exist in a variety of district and high school contexts, which are important determinants of an academy's success.

## **IV. Faculty and Staff**

Appropriate staff selection, leadership, credentialing, and cooperation are critical to an academy's success.

## **V. Professional Development and Continuous Learning**

Since an academy places teachers and other adults into roles not normally included in their previous training providing adequate professional development time, leadership, and support is critical.

## **VI. Governance and Leadership**

The academy has a governing structure that incorporates the explicit roles of all stakeholders and the leaders of the advisory board.

## **VII. Teaching and Learning**

The teaching and learning within an academy meets or exceeds external standards and college entrance requirements while differing from a comprehensive high school by focusing learning around a theme.

## **VIII. Employer, Post Secondary Education, and Community Involvement**

A career academy links high school to its host community and involves members of the employer, postsecondary education, and civic community in certain aspects of its operation.

## **IX. Student Assessment**

Improvements in student performance are central to an academy's mission. It is important to gather data that reflect whether students are showing improvement and to report these accurately and fairly to maintain the academy's integrity.

## **X. Sustainability**

No new academy functions perfectly. Even well established and highly functioning academies benefit from self-examination and refinement. Ensuring and improving the quality of a career academy requires engaging in a regular cycle of improvement.

# Agricultural Science Academy

- Preparing students to receive industry certification upon graduation
- Agriculture Science classes, academic dual credit courses and Practicum in Agriculture courses to give students work based learning experiences.
- CTSO-Students are encouraged to join and participate in the Stuart Career Tech FFA chapter

**9<sup>th</sup> Grade:** Principles of AFNR & Greenhouse Operations & Production

## **Plant Science Pathway**

**10<sup>th</sup> Grade:** Horticulture Science w/Lab  
**11<sup>th</sup> Grade:** Practicum in AFNR-Greenhouse  
**12<sup>th</sup> Grade:** Practicum in AFNR-Ag Science Center

### **Potential AFNR Electives:**

Floral Design  
Food Processing  
Horticulture Science  
Wildlife & Ecology Management

## **Vet / Animal Science Pathway**

**10<sup>th</sup> Grade:** Livestock Production & Equine Science / Small Animal Management  
**11<sup>th</sup> Grade:** Veterinary Medical Applications  
**12<sup>th</sup> Grade:** Extended Practicum in AFNR – Clinical Sites, Spa4Paws, AgriScience Industry Partners (The Blue Doghouse, Texas Feed Stop)

### **Potential AFNR Electives:**

Floral Design  
Food Processing  
Horticulture Science  
Wildlife & Ecology Management

# 2025-2026 Enrollment Data

|                  | VET ASSISTANT<br>PATHWAY          | PLANT SCIENCE/<br>GEN AG<br>PATHWAY | AG ACADEMY ENROLLMENT |
|------------------|-----------------------------------|-------------------------------------|-----------------------|
|                  | SCTHS                             | SCTHS                               | Total                 |
| 9 <sup>TH</sup>  | 35                                | -                                   | 35                    |
| 10 <sup>TH</sup> | 40                                | 7                                   | 47                    |
| 11 <sup>TH</sup> | 22                                | 10                                  | 32                    |
| 12 <sup>TH</sup> | 12-Clinical; 9-Ag<br>Industry =21 | 2                                   | 25                    |
| <b>TOTAL</b>     | <b>121</b>                        | <b>19</b>                           | <b>139</b>            |

Practice by doing approach to learning is how Agriculture Educations class are designed.



### CLASSROOM/ LABORATORY

Contextual, *INQUIRY-BASED* Instruction and Learning through an interactive classroom and laboratory.

Students learn a skill or task in class then have an opportunity to practice that skill.



## School Based Agricultural Education

### SAE

Experiential, Service and/or Work-Based Learning through the **IMPLEMENTATION** of a Supervised Agricultural Experience Program.

Students have a project that they keep records on throughout the year. The projects develop a sense of responsibility by develop interviewing skills and organization.



### FFA

Premier Leadership, Personal Growth and Career Success through **ENGAGEMENT** in FFA, PAS or NYFEA programs and activities.

Competitions such as Career Development Events (CDE's) allow students to demonstrate the knowledge learned in the classroom.



The student demonstrates **professional standards/employability skills** as required by business and industry.

The student develops a **supervised agriculture experience program**. The student is expected to:

(A) plan, propose, conduct, document, and evaluate a supervised agriculture experience program as an experiential learning activity;

(B) apply proper record-keeping skills as they relate to the supervised agriculture experience;

(C) participate in youth leadership opportunities to create a well-rounded experience program; and

(D) produce and participate in a local program of activities using a strategic planning process.

Encourage and/or Require Student Membership?

# Teacher Report

## Event Participation

- Texas FFA Convention – Ft. Worth
- Stuart FFA Officer Retreat
- City of Baytown Pooch-A-Palooza
- Gulf Coast District FFA Greenhand Camp & Fall Meeting
- Washington Co. Livestock Judging Contests

## Upcoming Events

- Continued Livestock Judging Contests
- LDE Practice & Contests
- Heart Of Texas Fair
- BYF General Meeting
- GCCISD College & Career Night
- TAMU Field Trip

Ken Rogers:  
Practicum AFNR  
Agriscience Center

- Alvaliz Jimenez

- Fall Membership Drive
- Plant Science Pathway Updates

- Donald Guillory

- Livestock Shows
- FFA Chapter Update

- Kelly Mills

- AFNR Practicum Updates / New Partners
- Student Opportunities / Field Trips



# Plant Science



## Plant Science Departments:

1. Blooming Florists
2. Monarch Heroes
3. Garden Beds
4. Greenhouse 1 (Seedlings/Natives)
5. Greenhouse 2
6. Irrigation
7. Aquaponics
8. Hydroponics
9. Plant Sale
10. Marketing

Spring Plant  
Sale  
March 21<sup>st</sup>

# Student Report/Academy Ambassadors

## 25-26 FFA Officers:

President – Evelyn Kipe  
Vice President - Natalie Velazquez  
Secretary – Arianna Bloice  
Treasurer – Genesis Hernandez  
Reporter – Ricky Harmon  
Sentinel – Maria Lohan  
Student Advisor – Sophie Cervantes  
Parliamentarian – Iker Cazarres

## FFA Meeting Reports:

- Activities
- Guest Speakers
- Member Participation
- Community Service Projects

**SCTHS FFA  
Meetings:** 2<sup>nd</sup>  
Tuesday of the  
month, 3:15 PM in  
the SCTHS  
Cafeteria.



## 25-26 Ambassadors:

|                        |
|------------------------|
| Gerardo Sepulveda      |
| Abby Cline             |
| Jackelyn Hernandez     |
| Kaitlyn Wieben         |
| Soléil(Elijah) Griffin |
| Jazelle Garcia         |
| Heidy Velazquez        |
| Shylah Campbell        |
| Natalie Velazquez      |
| Sophie Cervantes       |
| Sydney Jordan          |
| Fayth Watt             |

# New Business

1. Review 25-26 Proposed Goals
2. Announcements



# Agricultural Science Academy Goals

## Proposed Goals:

**Goal#1:** 100% of the Agricultural Science Academy Practicum Cohort will earn a TEA recognized Industry Based Certification by the end of the 25-26 school year.

**Goal#2:** 85% of the Agricultural Science Academy students will become members of the SCTHS FFA Chapter by November 1, 2025.

**Goal#3:** 25% of SCTHS FFA members will participate in LDE's, CDE's or SDE's by the end of the 25-26 school year.

GOOSE CREEK CISD



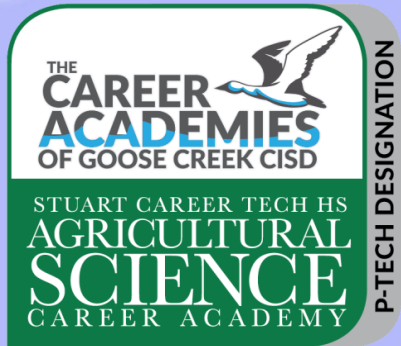
TUESDAY  
**SEP 23**  
6-7:30 PM  
**Goose Creek  
Memorial HS**  
6001 E Wallisville Road  
Baytown, TX 77521



Shuttle buses available from REL and RSS • Free Dinner for Students



# Thank You



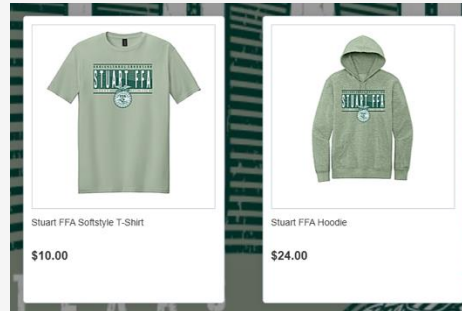
## Future Meeting Dates/Time:

We will schedule two meetings for the fall semester and two for the spring semester for 2025-2026.

November 12, 2025

February 18, 2026

May 13, 2026



# Important Dates

## **March 22<sup>nd</sup>**

BYF Cook Off  
Entertainment-8:00

## **March 23<sup>rd</sup>**

BYF Cook Off  
Awards-6:00  
Entertainment-8:00

## **April 1<sup>st</sup>**

Rabbits-5:30  
Indoor Exhibits-6:00  
Poultry-7:00

## **April 2<sup>nd</sup>**

Goats, Lambs-6:00

## **April 3<sup>rd</sup>**

Ag Mechanics-10:30  
Swine-6:00

## **April 4<sup>th</sup>**

Steers-5:00

## **April 5<sup>th</sup>**

BYF Community  
Reception-5:00  
Awards-5:30  
Auction-6:00

