

**American Association of Drilling Engineers
University of Houston
AADEUH**

End of the Year Report

30th April 2020

Prepared by

Aaron Tanvir

President: Aaron Tanvir

VPI: Cristian Anguiano

VPE: Mohamed Almasri

Treasurer: Vandilson Pinto

Secretary: Miguel Mendoza

2019-2020



TABLE OF CONTENTS

TABLE OF CONTENTS..... 2

PURPOSE..... 4

INTRODUCTION 5

EXECUTIVE BOARD 6

CHAIRS 7

FALL 2019 EVENTS 8

 Outreach 8

 Networking..... 8

 Professional Development..... 10

 Academic..... 11

 Social..... 12

SPRING 2020 EVENTS 15

 Outreach 15

 Networking..... 15

 Professional Development..... 17

 Academic..... 17

 Social..... 19

MEMBERSHIP..... 21

TREASURER 22

EXECUTIVE INITIATIVES..... 23

2020-2021 ELECTED OFFICERS..... 24

CONCLUSIONS..... 25

CONTACT INFORMATION..... 26

CORPORATE SPONSORS..... 27

PREPARED BY: 28

PURPOSE

“To promote professional development to increase student success and involvement by organizing events for the dissemination of practical knowledge to members in the drilling industry.”

INTRODUCTION

The 2019-20 leaders of the AADEUH Student Section set two primary goals: build and maintain a well-organized and structured organization and create more job opportunities for members. With a board of about 15 members each semester, the organization made an effort in reaching these goals. Approximately 42 events (originally 49) were organized in order to provide members with outreach, networking, professional development, academic, and social opportunities. Many new ideas were implemented throughout the school year with the intent of enhancing the success of AADEUH. In the spring semester, the COVID-19 challenged student success, but student leaders prioritized the safety of members and completed their term. New officers were elected prior to the closing of the semester.



EXECUTIVE BOARD

The Executive Board is as follows:

- President: Aaron Tanvir (right)
- Vice President of Internal Affairs: Cristian Anguiano (second to left)
- Vice President of External Affairs: Mohamed Almasri (center)
- Treasurer: Vandilson Pinto (second to right)
- Secretary: Miguel Mendoza (left)



CHAIRS

Chair positions were provided in order to introduce members into a leadership role. The Chairs for this school year are as follows:

- Technology: Nicolas Juarez
- Public Relations:
 - i) Maxime Wong (Fall 2019)
 - ii) Brian Flores (Spring 2020)
- Fundraising: Ling Hoang
- Advertising: Oualid Haddad
- Outreach and Recruitment: Danh To
- Hospitality:
 - i) Selvin Monroy (Fall 2019)
 - ii) Christian Hernandez (Fall 2019)
 - iii) Titose Manyuna (Fall 2019)
 - iv) Juan Flores (Spring 2020)
- Administrative Director: Jose Insunza (Spring 2020)

FALL 2019 EVENTS

Outreach



The first AADEUH volunteering event of the year was a blood drive in collaboration with the Gulf Coast Regional Blood Center. Our volunteers recruited 36 units, which resulted in 28 donors. This amount equates to 84 lives saved.



With the goal of increasing student enrollment in petroleum engineering at UH, AADEUH visited 4 college fairs throughout the semester and spoke to over 100 high school students about the advantages of becoming a petroleum engineer.

Networking



The 7th Annual Sporting Clay Tournament gave our members the opportunity to network with over 130 oil and gas professionals!



The AADE Houston Chapter invites UH board members every month to attend Luncheons at the Petroleum Club in Downtown Houston. At these formal events, members listen to a speaker, enjoy a nice lunch, and network with other members.

Professional Development



The 1st professional development event began with a Tenaris Coiled Tubing Event. This event was in collaboration with all other (3) UH petroleum engineering organizations.



A Gold Sponsor this year, Stream-Flo, hosted our members in an Introduction to Wellhead and Choke Technology Course at their facility. This workshop granted students the ability to gain hands-on experience with drilling equipment.



In collaboration with one of the largest student organizations in the U.S. (SHPE), AADEUH visited Halliburton's Technology Center to learn more about their service equipment and job opportunities.

Academic



Petroleum engineering courses can be tough! To help, AADEUH hosted 3 Study Nights in Fall 2019 with the intention of having senior members not only help each other, but also help underclassmen. Food, as always, is provided!



AADEUH hosts a general meeting every month to provide members information about the organization, speakers network and learn from, and great food! This semester, members met speakers from K+M Technology, Leviticus Subsea, and Fracgeo.



Social



In collaboration with PiET, SHPE, SPE, and SPWLA, AADEUH hosted 5 large tailgate parties to spend more time with our engineering family and support the UH Football team.



In collaboration with PiET, AADEUH participated in the BOS (beginning of the semester) party at the Engineering Lawn. Board games and beer provided members with a fun time!



To celebrate the end of the semester and show unity among petroleum engineering organizations, AADEUH closed off the social events with a game night in the Student Center Arcade. Activities included bowling, pool, ping-pong, and more.

SPRING 2020 EVENTS

Note: Due to the Coronavirus pandemic, many events in Spring 2020 were cancelled for the safety of our members.

Outreach



AADEUH began the spring semester with another Blood Drive with the Gulf Coast Regional Blood Center. This semester, our volunteers recruited 29 units, which resulted in 38 donors; this equates to 114 lives saved.



All 4 petroleum engineering organizations collaborated to assist the Houston Food Bank in stocking their pantry on a Saturday morning!



AADEUH assisted the University plant trees in various areas on campus. The volunteers planted 100 trees in 2 hours!

Networking



AADE Houston hosted their Annual Casino Night and invited 7 UH members to volunteer and network at this fun event! With over 700 oil and gas professionals, students had more than enough connections to make.

Professional Development



AADEUH collaborated with SPE to host their annual Wild Well Control Workshop. This 16-hour course provides students an introduction to the fundamentals of well control.



With planning done since Summer 2019, the UH petroleum engineering organizations hosted the 1st ever Oil and Gas Career Fair at the UH Student Center. With an attendance of 4 companies (6 companies participated) and 150 students, the Career Fair was a great success!





Academic



AADEUH hosted 2 general meetings this semester. The 1st meeting consisted of a joint general meeting among all 4 petroleum engineering organizations. A professional from Varel Oil and Gas was invited for the 2nd general meeting. Lastly, the 3rd general meeting, which was intended to be in person, consisted of online candidate presentations for the 2020-21 Executive Board.



Due to the circumstances with COVID-19, only 1 study night was hosted in Spring 2020. Here, students used the computer lab on campus to help each other with assignments.

Social



AADEUH hosted their first spring social night at Dave and Busters. Members enjoyed food, games, and quality time together.



The last event before the COVID-19 pandemic was the Engineering Chili Cook Off. AADEUH unsuccessfully defended their winning title but had a great time cooking!

MEMBERSHIP

AADEUH Annual Membership increased by 23% in the 2019-2020 academic year. This increase is associated with the idea of the Executive Board granting free membership during general meetings. Not only does AADEUH have members from petroleum engineering, but also students with majors in computer science, various engineering disciplines, mathematics, pharmacy, hotel and restaurant management, nursing, and accounting. Recruitment, as usual, occurs in the fall semester, with the organization holding 2 major recruitment events on campus.

TREASURER

The AADEUH board was successful in reducing costs and increasing funds for the organization this year. The cost savings began in the summer when a decision was made to switch storage units from Midtown Houston to the Gulf Freeway (closer to campus); this decision reduced spending by 11%. Once initial spending was decreased, money was raised at the organization's annual Sporting Clay Tournament (SCT), where the organization hosted more than 130 industry professionals (24 teams competed). The SCT more than doubled the organization's initial funds! Ultimately, with large fundraising and low spending strategies, the organization spent 9% less than previous years.

The Treasurer and Fundraising Chair of the Organization, Vandilson Pinto and Linh Hoang, presented in front of the UH Engineering Alumni Association (EAA) in order to raise funds for the spring semester events. It was announced that the EAA approved our board members' monetary request and was granted at the 2020 UH Engineers Week Award Reception!

We would like to thank AADE Houston for providing our members with 2 rounds of opportunities to apply for \$1500 renewable scholarships. Many UH members who applied received the award and are very happy to enjoy the benefits from this great organization.



EXECUTIVE INITIATIVES

The following list summarizes a few ideas implemented by the Executive Board to continue to grow the organization:

1. Setting the Foundation: Before the beginning of the fall semester, the AADEUH Bylaws were revised, a Google drive was created, and the website was updated in order to provide a neater foundation for the organization.
2. Green Fund Initiative: AADEUH participated in the Green Fund Initiative in order to petition for more environmentally friendly projects at the University of Houston.
3. Connecting with Members: The AADEUH Secretary created a GroupMe Chat for members to better connect with the board and receive event information quicker. The Chat currently has 74 members and the future board looks forward to adding all organization members.
4. Oil and Gas Career Fair: With the intention of bringing more jobs to the UH Petroleum Engineering Department and increasing the amount of UH Alumni in the industry, AADEUH founded the Career Fair Committee in Summer 2019 that includes the 4 Presidents of each UH Petroleum Engineering organization and a few organization board members. The Committee is eager to see the project continue to grow in the upcoming years.
5. Collaboration: As shown in the event details, many AADEUH events were in collaboration with SPE, PiET, SPWLA, and SHPE. Collaboration gives engineering students the opportunity to connect with more members and the organization to decrease expenses. We thank each organization for successful collaborations!

2020-2021 ELECTED OFFICERS

The 2020-2021 AADEUH Elections were held online via Zoom due to COVID-19. Each candidate uploaded a 5-minute video presentation for members to view. The results are as follows:

- President: Vandilson Pinto
- Vice President of Internal Affairs: Linh Hoang
- Vice President of External Affairs: Nicolas Acuna
- Treasurer: Juan Flores
- Secretary: Sai Dudala

All 5 candidates ran unopposed and their presentations can be viewed here:

<https://drive.google.com/drive/folders/1Oo5w8MOadYFaLLsMVC-VDkb5axrMUFf1?usp=sharing>



CONCLUSIONS

1. 42 event results are presented and separated into various categories: outreach, networking, professional development, academic, and social.
2. AADEUH Annual Membership increased by 23% in the 2019-2020 academic year.
3. AADEUH increased organization funds through the SCT and fundraising presentations while also reducing costs throughout the year.
4. The AADE Houston Chapter provided scholarships each semester for UH members.
5. New ideas were implemented this year for the organization to continue to grow which includes building an organization foundation, participating in the Green Fund Initiative, creating a member group chat, hosting a career fair, and collaborating more with other student organizations.
6. New officers for the 2020-21 academic year were elected via Zoom presentations.

CONTACT INFORMATION

Email: aadeuh@gmail.com

Website: <http://aadeuh.org>

LinkedIn: <https://www.linkedin.com/in/aadeuh/>

CORPORATE SPONSORS

We would like to thank our corporate sponsors for their generous contribution to AADEUH this year:

- Shell Oil Company
- AADE Houston
- Ultrerra
- Stream-Flo
- MS Directional
- PV Fluid Products
- Talos Energy
- K+M Technology Group



We would also like to thank all 17 companies that participated in our annual Sporting Clay Tournament; we could not accomplish our goals without your contribution!

PREPARED BY:

Aaron Tanvir

April 2020

Revised by:

Miguel Mendoza

April 2020