IEEE Aerospace Electronic Systems

Graduate Student Representative Chair of Professional Networking and Mentoring Committee

Sarana Tse

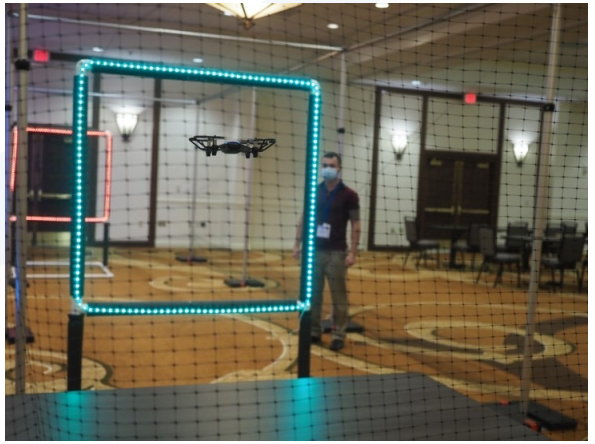
2022 AESS Fall Board of Governors Meeting

21-22 October 2022

Edinburgh, Scotland

Drone Competition

- To promote engineering, launch the next generation of society leaders, and engage the local community through a STEM event
- The event is divided into a high-school-level competition, a university-level competition, and additional activities to engage the audience.



Near Term Focus Of AESS Strategy

- **SWOT** Planning
  - **S**trengths: What Has Been Accomplished In Last 3 Years
    - Decreasing the number of waiting applicants to be matched
  - **W**eaknesses: Define Areas Of Growth (3 Years) Needed To Improve Services
    - There is no current reporting process to determine who is still active
  - **O**pportunities: Define Quantified Plans And Collaborations Needed
    - Reach out to the mentors and mentees to find out who is utilizing the program
  - **T**hreats: What Environmental Issues, That require Short-Term Action To Mitigate
    - Fewer new people are signing up for the program

AESS Mentoring Program

- Objectives:

  1. Promote the program
     - Through social media platforms
     - Could also be done through the monthly challenges when we have students go through our new website
     - Advertise in YP/student events (short video clips)
  2. Contact mentees and mentors
     - Send out two separate surveys
       - Mentees – if they're still active
       - Mentors – if they want more mentees