

2020 Waterman-Twining Chapter TOY – Julian Rivera

Julian Rivera: Stewart Middle School; Grade 7
Life Science Teacher
Science Subject Area Leader

Julian Rivera Narrative for 2022 Chapter TOY

This is Mr. Rivera's 3rd year teaching at Stewart Middle. Prior to that he was the STEM Science Teacher at Greco's STEM Academy. For the past two years he has headed the Science Department as the Subject Area Leader. He is well known for integrating the STEM theme into his science classes.

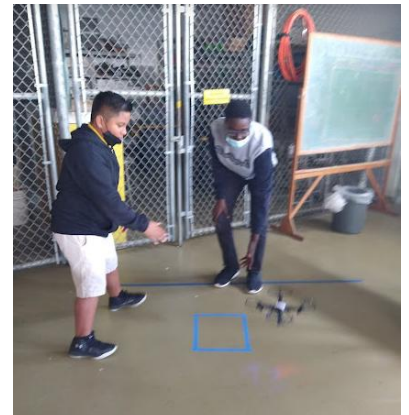
Mr. Rivera is on the Leadership Committee for the \$52,000 CASIS STEM to the Stars grant. Which is integrating science lessons with technology videos from the International Space Station.

Mr. Rivera received a classroom grant from the Department of Defense. He taught all of his students how to fly drones and wrote a lesson for remote drone water testing. Students explored careers including the requirements to join a military drone team.

Mr. Rivera attends the annual Hillsborough County Schools STEM Workshops. As well as the Sun N Fun aerospace workshop. He is the school coordinator for Earth Day and on the team coordinating events for Space Week. He is a resource for the John Glenn student club. One of his students won the county STEM Fair and was selected for the State of Florida Science Fair. He received Honorable Mention and the Air Force achievement award. He is a co-sponsor of the National Junior Honor Society Stewart Chapter.

Photos

DoD Grant for Drone Training

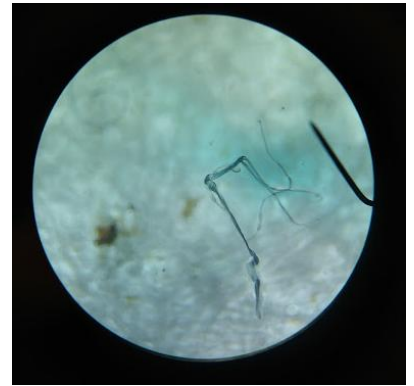


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Student Air Force Achievement



Studying Microplastics in the Hillsborough River



Marketing the STEM program at Stewart



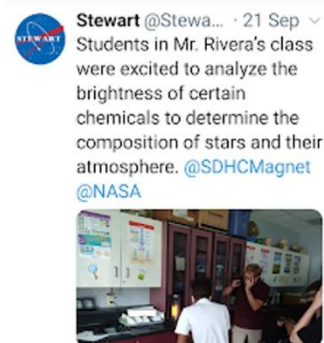
Planetarium in the Media Center



Space seeds growing in the classroom



One of many Stewart Social Media Posts



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Additional Photos

