

Julian Rivera
7th Grade Life Science Teacher
and Science Subject Area Leader
Stewart STEM Magnet Middle School

The 2021-2022 school year was 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 integrated science lessons with technology videos from the International Space Station.

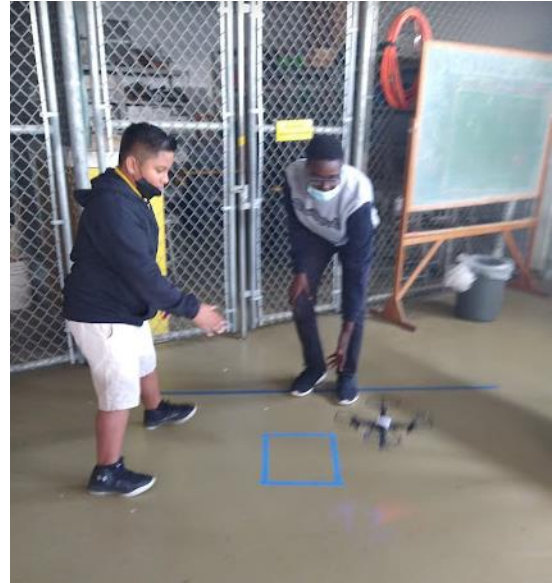
Mr. Rivera also received a classroom grant from the Department of Defense. He taught all of his students how to fly drones and wrote a lesson for remote drone water testing. Students explored careers including the requirements to join a military drone team.

Mr. Rivera attended the annual Hillsborough County Schools STEM Workshops and the Sun N Fun STEM Educator workshop. He is the school coordinator for Earth Day and on the team coordinating events for Space Week. He assists with the John Glenn Space Club 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.



Presentation of the 2022 Waterman-Twining Chapter Teacher of the Year Award to Julian Rivera at Stewart Middle School Faculty Meeting on August 8, 2022. From left to right is Bill Yucuis, Chapter President, Julian Rivera, and Stewart Principal Dr, Baretta Wilson.

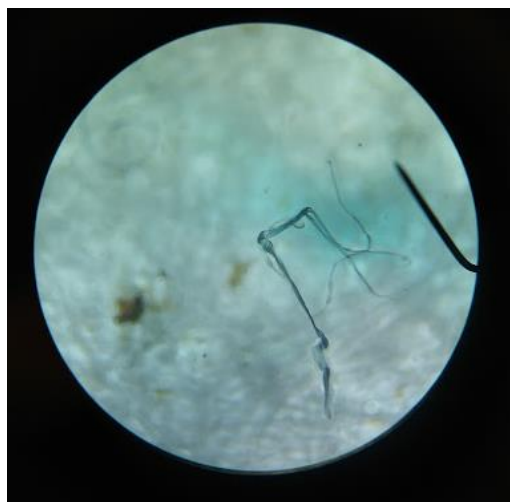
DoD Grant



Student Air Force Achievement Award at Science Fair



Studying Microplastics in the Hillsborough River



Students Marketing the STEM program at Stewart



Planetarium in the Media Center



Space seeds growing in the classroom



Example of Stewart Social Media Posts

Photos from Stewart Middle School

 **Stewart @Stewa...** · 21 Sep ▾
Students in Mr. Rivera's class were excited to analyze the brightness of certain chemicals to determine the composition of stars and their atmosphere. @SDHCMagnet @NASA



John Glenn Club overnight trip to KSC

