Physics Undergraduates from UCF win the Bronze medal for the University Physics Competition

Pictured from Left-to-Right: Brandon Blue, Chris Tiller, and Dylan Bruce

The University Physics Competition is a relatively new competition for physics undergraduates from around the world. The contest begins on a Friday night for those in the United States, when two candidate problems are released. Each team picks one of the two problems to consider, and has a 48-hour period in which to research and write a paper addressing it, without consulting any other living resource. This year, the two problems consisted of analyzing water fountain spray distribution and the orbital stability of planets in a binary star system.

The team of Brandon Blue, Chris Tiller, and Dylan Bruce, decided to solve the problem on the stability of planets. The team determined that the most stable orbits by performing detailed calculations based on a background literature search. The team was judged based on a 10-page report based on their work and was awarded the Bronze medal for the quality of their work.