

Abstract:

UHCL has received several TWD and NSF grants to improve computer science education and to recruit and retain students for computer science programs. These grants have allowed us to partner with San Jacinto College campuses to recruit their most promising STEM students through faculty and peer mentorship and scholarship. Once at UHCL, these students have the opportunities to participate in academic and career building activities, receive mentorship, get involved in student organizations, and receive internship and co-op job opportunities provided by our industrial partners. These opportunities will enhance their chances of success. Program sustainability is enhanced by the establishment of a scholarship endowment grant funded by TETC and matched by Houston Endowment. The programs are also experimenting with an innovative two year pilot recruitment program called STAR with even deeper faculty and student involvement and a low cost structure. STAR is currently partially funded by our TWD grant and UHCL faculty is seeking additional internal funding and will submit proposals to external sources.

Citation:

Abeysekera, K., Davari, S., Yue, K., Brown, E., Kent, M., Betts, P., & Meeks, J., Success through Academic Recognition (STAR): Sustaining and Expanding UHCL and SJC TWD Computer Science Scholar Program, the third annual Texas Engineering and Technology Consortium Best Practices Conference, Dallas, February 28, 2008, pp.7-.