House Professorship in Computing
FY23 Activity Report

The activity and expenses for the House Professorship in Computing continue to be used primarily to support the growth and teaching activity in the College of Computing, and in particular the Department of Applied Computing which I serve as department chair.

Funds were used to cover salaries for adjunct instructors in the Electrical Engineering Technology (EET), Health Informatics (HI), and Computer Network and System Administration (CNSA) programs.   Funds were also used for overload compensation and for summer support for the group leaders in the AC Department, which was important as we prepared for our ABET visit in October 2023.

The Department of Applied Computing has seen remarkable growth in the four years since the founding of the College of Computing. The enrollment in the degree programs in which we participate (either legacy or shared with other departments) is is up 168%, from 140 to 375. Student credit hours taught by department faculty under the EET and SAT course prefixes having increased by 131%. Expenditures on externally sponsored projects have gone from next to nothing to $1.3M in FY23.

The demonstrated growth in the Department of Applied Computing is evidence that the funds from the House Professorship have been well spent. While the credit goes to the department faculty and staff for what has been accomplished, I am happy to have supported this success through the endowed professorship.

A small portion of the endowed funds were used to cover travel costs in support of my modest ongoing research programs. There were two trips, one to Arlington, Virginia, to visit a DARPA program manager, and one to a meeting of the Power Systems Engineering Research Center (PSERC) at Texas A&M University. Both trips were productive. As a result of the trip to Texas A&M, I now have a PSERC research grant supporting a PhD student in the ECE Department. I am also collaborating on a DARPA Young Investigator Award (YFA) project led by a MTRI research scientist.