



Surya Cheemalapati Receives USF Signature Research Fellowship

Surya Cheemalapati, a doctoral candidate in the Department of Chemical and Biomedical Engineering, has been awarded a 2015 Signature Research Fellowship from the USF Office of Graduate Studies. The award provides a stipend of \$18,000, full tuition/fees, and health insurance for up to two years. Fellowship recipients also receive up to \$600 each year of the award to support a presentation at a state, regional, national or international conference.

Surya's dissertation is focused on studying a novel single cell endoscope that can deliver drugs to individual cells and simultaneously study the dynamics of the intracellular mechanisms for understanding of the influence of drugs on different cell populations within the same tumor. In the Innovative Biomedical Instruments and Systems research lab, Surya is advised by Anna Pyayt, assistant professor in the Department of Chemical and Biomedical Engineering.

Surya has three journal publication, four others under preparation, and four conference presentations. He obtained his MS in Chemical Engineering from Oregon State University (2012) and Bachelor of Technology in Chemical Engineering from GMR Institute of Technology (2008).

[Innovative Biomedical Instruments and Systems Research Lab](#)