

Research Topics are Wide Ranging



Abutayeh

Mohammed Abutayeh: Solar desalination of sea water using passive vacuum and flashing



Celestin

Michael Celestin: Rectenna Arrays and MIM diodes

Huijuan "June" Chen: Goswami thermodynamics cycle with CO₂ and absorbents



Chen

Pabitra Choudhury: Theoretical analysis of H₂ storage



Choudhury

Omatoyo "Kofi" Dalrymple: Disinfection of indoor air using photo-electrochemical technology



Dalrymple

Gokmen Demirkaya: Turbine design, fabrication and testing for the Goswami thermodynamics cycle



Demirkaya

Stelios Ioannou: Discrete linear constrained multivariate optimization for power sources of mobile systems



Ioannou

Subramanian "Subbu" Krishnan: Development of thin film metal insulator / metal funnel diodes for energy conversion application



Krishnan

Drupati "Dru" Latchman: Thermochemical hydrogen production using UT3 cycle

Chennan "Steven" Li: Photocatalytic detoxification and disinfection

Jonathan Mbah: Hydrogen and fuel cells

Michael Niemann: Development and investigation of novel nanostructures and complex hydrides for hydrogen storage

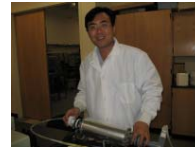
Dhionny "Tony" Strauss: Rectenna Arrays, MIM diodes and Electrical Measurements

Ricardo Vasquez: Design of solar thermal power plants

Samantha "Sam" Wijewardane: Emitters and concentrators of IR radiation for rectenna energy conversion



Latchman



Li



Mbah



Niemann



Strauss



Vasquez



Wijewardane

Renewable energy's time has come. The climate will not wait for us.