

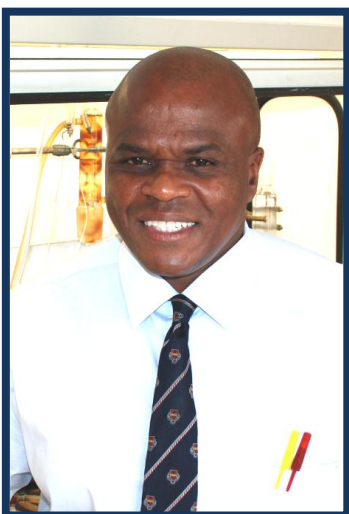
The Department of Chemistry and Biochemistry

Seminar Series

Presents a Seminar Titled:

“Applications Involving the Use of d- and p-Block Elements as Anti-Cancer Agents and in Artificial Photosynthesis (for the Production of Hydrogen)”

Presented By



Dr. Alvin Holder

Assistant Professor

Bioinorganic Chemistry

The University of Southern Mississippi

We have developed some promising compounds which have been shown to inhibit cell growth of cancer cells of the colon through dark and light toxicity, where appropriate. We have also developed some novel complexes that bear a photosensitizer (a ruthenium(II) metal center) and a catalytic metal center [Co(II)], all in one molecule, for the production of hydrogen. As such, the main theme of this talk will feature anti-cancer studies with the use of complexes of d- and p-block elements in the fight against cancer; along with some mechanistic studies on the production of hydrogen.

Thursday, May 9, 2013 at 11:30 in OCNPS 100