

**HASP2011  
UNF Payload  
Monthly Status Report for April 2011**

**UNF Team**

**Faculty Advisor:**

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**Students:**

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**UNF team did the following work during April 2011:**

Fabrication of first series of ozone gas sensors on glass as well as alumina ceramic substrates is completed. Fabrication of another series of sensors is going on. Testing and calibration work is going on. Fig. 1 and 2 shows the calibration of sensors fabricated on alumina and glass, respectively.

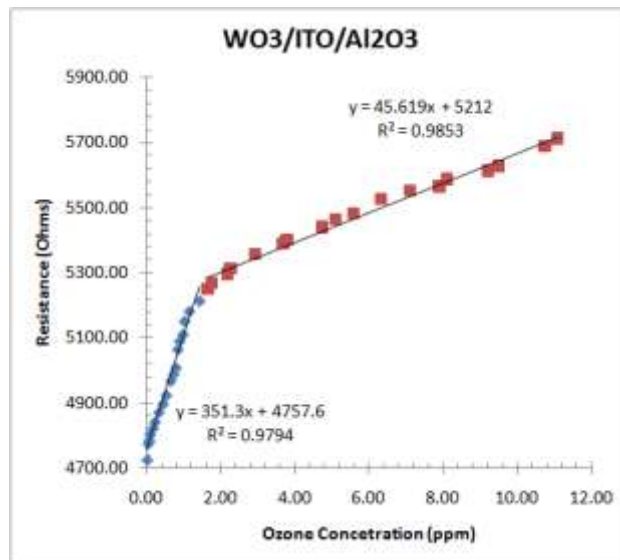


Fig.1 Calibration of WO<sub>3</sub>/ITO nanocomposite sensors fabricated on alumina

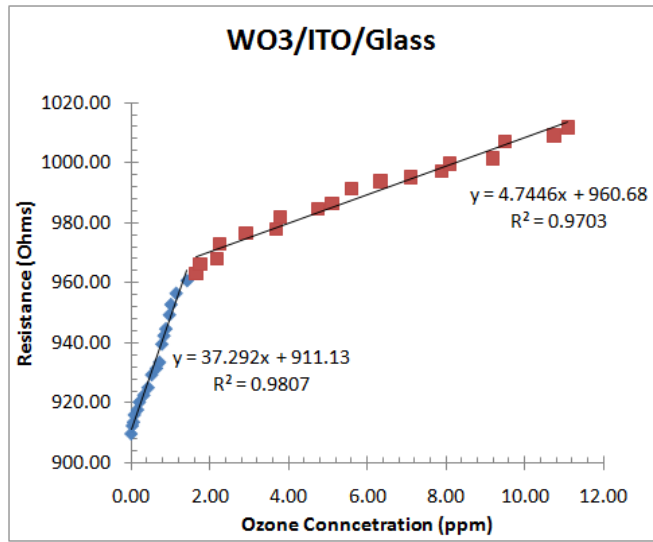


Fig.2 Calibration of WO<sub>3</sub>/ITO nanocomposite sensors fabricated on glass

Testing and calibration of ozone sensitive thin film transistors (TFTs) is going on. No work done during final examination period. Payload body work is going on.