## **Glass Science, Processing and Optical Properties of Tellurite Fibers**

Jean Toulouse, Physics Department and Center for Optical Technologies



DMR-Award # 0701526



## **Objectives**:

- Develop new fibers for mid-infrared applications.
- Understand the relationship between a) composition and b) processing/ forming of the glass and the optical properties of the fiber
- **Train students** to think and act in an inter-disciplinary environment with vertical integration

## •Connect with high tech companies





