

## **The University of Kansas Research in Collaboration with Industry**

### **Research at KU**

The University of Kansas (KU) performs basic and applied research at two locations: the main campus in Lawrence, and the Medical Center, located 40 minutes east in Kansas City. In 2006, total KU research and development expenditures were \$292 million.

The following are research areas that represent recent KU – industry collaboration:

### **Biosciences**

- Drug discovery – clinical trials pipeline that combines the resources of KU’s pharmaceutical research, medical school, and teaching hospital
- Drug formulation and delivery platforms for various compounds.
- Bioengineering applications for human joints, bones, and tissues and development of biosensors.
- Assessment tools for human development and learning.

### **Information and Telecommunications Technologies**

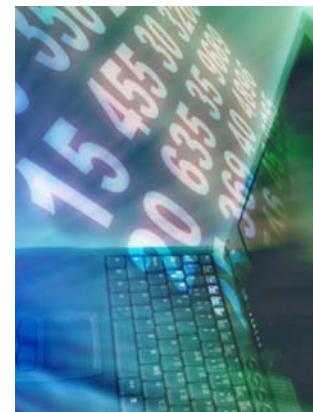
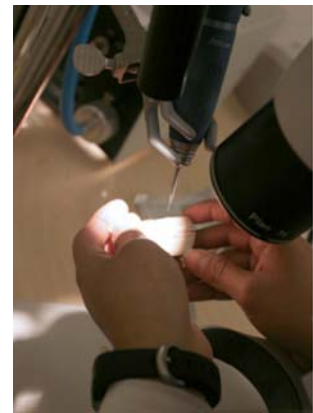
- Radio Frequency IDentification (RFID) and antenna design.
- Fiber optic and wireless networks.
- Radar and remote sensing.
- Data mining, bioinformatics, cluster computing, and machine learning.

### **Aviation**

- Uninhabited aerial vehicles.
- Adaptive wing technology.
- Flight management systems for general aviation aircraft.

### **Energy Biofuels, and Chemistry**

- Conversion of biomass into biofuels.
- Petroleum recovery in oil fields.
- Catalyst and reactor applications.



*For more information on possible research collaboration, please contact:*

**Carey Novak**  
Director of Business and Industry Relations  
Office of Research and Graduate Studies  
The University of Kansas  
cnovak@ku.edu | (785) 864-9004 | (877) 865-9932