

## CSCI 597 Seminar in Computer Science Research.

### Quiz 5: Sensor nets.

1. List two areas where sensor networks might be applicable.  
**Habitat monitoring and structural monitoring (others also possible: marine, contaminant)**
2. What is the key constraint that dictates the design of sensor networks?  
**Energy and the cost of communication.** either answer gets 1 point.
3. What is the goal of sensor networks systems research?  
**Building a software infrastructure for developing sensornet applications.**
4. Give an example of a multi-dimensional range query in sensor networks.  
**Which nodes saw light between 10 and 20 and temperature between 60 and 70.**
5. What is the property of the hashing scheme employed to build DIM?  
**Locality preserving.**