**Figure 1.**
Simplified breadboard circuit to test/explore voltage threshold detection using LM339 quad comparator.

**Parts List:**
- LM339
- 1K or 10K potentiometer for simulating variable sensor voltage input on pin 6)
- (2) 2K resistors (to set 2.5v reference level on pin 7)
- LED
- Current limiting resistor for LED
- Solderless breadboard
- 5VDC power supply