



**CALIFORNIA STATE SCIENCE FAIR
2002 PROJECT SUMMARY**

Name(s) Kevin M. Diefendorf	Project Number 22109
Project Title The Robe Warmer	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals To ease the transition from warm bed to cold breakfast table.</p> <p>Methods/Materials Materials: staple gun, mannequin, robe, needle, thread, timer and electric blanket. Method: the electric blanket was secured to a torso mannequin. A timer was added to the electric blanket cord. Finally, a robe was placed on the Robe Warmer.</p> <p>Results Several test trials were done for the Robe Warmer. After thirty minutes at the high setting, the robe was heated to a very comfortable temperature.</p> <p>Conclusions/Discussion The Robe Warmer is an appliance that would comfort people as they move from their warm bed and begin their morning routine. The Robe Warmer would also have an energy saving benefit. Using the Robe Warmer could allow people to lower their thermostats and result in energy conservation.</p>	
Summary Statement The Robe Warmer is an appliance, controlled by a timer, that will heat a robe to a comfortable temperature when the morning alarm clock rings.	
Help Received I borrowed the mannequin from a local tuxedo store, my Father helped and supervised me with the staple gun.	