



**CALIFORNIA STATE SCIENCE FAIR
2003 PROJECT SUMMARY**

Name(s) Nicole B. Sheldon	Project Number J1328
Project Title Bacteria to the Future	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals To find out if a dog, cat, or human has the most bacteria in its saliva.</p> <p>Methods/Materials Foil; wooden box; insulation, board; thermometer; 40 watt light bulb; lamp; electrical tape; 4 blood agar dishes; 6 cotton swabs; human, cat, and dog saliva; microscope; pad; paints; colored pencils. Scraped saliva from cat, dog, human mouth and observed for 36 hours.</p> <p>Results A cat has the most bacteria, then human. A dog has the least bacteria.</p> <p>Conclusions/Discussion I found out that when a cat gets exposed to certain bacteria, it carries the disease for 2 to 5 years before it shows the disease and that a dog has an antibiotic enzyme in its saliva.</p>	
Summary Statement My project's goal is to determine whether a dog, cat, or human has the most bacteria in its saliva.	
Help Received Father helped get vicious cat's saliva, microscope borrowed from school	