



**CALIFORNIA STATE SCIENCE FAIR  
2003 PROJECT SUMMARY**

<b>Name(s)</b> <b>Ian M. Bergman</b>	<b>Project Number</b> <b>J0601</b>
<b>Project Title</b> <b>Fog Drip</b>	
<b>Abstract</b> <b>Objectives/Goals</b> The objective was to find out how much water a Douglas fir tree can pull from fog and turn to drip during the coastal fog season. <b>Methods/Materials</b> For seven months I measured the amount of water a Douglas fir tree pulled from fog and turned to drip. I placed a rain gauge beneath the Douglas fir and one in the open. I measured them every day from April to October, which is the fog season. <b>Results</b> The Douglas fir created 28.2 inches of water from the fog during a period of time in which 2.8 inches of rain fell. <b>Conclusions/Discussion</b> My conclusion is that the Douglas fir pulled 28.2 inches of water to the ground and it created 10 times more water than rain.	
<b>Summary Statement</b> My project is to determine the amount of water a Douglas fir tree can pull from fog and turn to drip.	
<b>Help Received</b> My mom reminded me to measure the rain gauge everyday. My brother helped make the graphs. My dad helped find information for my research report.	