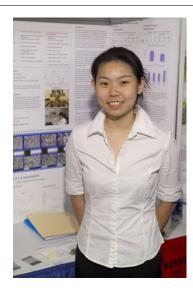




CWSF 2005 - Vancouver, British Columbia



Tiffany Lu

Biopolyurethane Rigid Foams Based on Isolated Lignins

Division: Earth & Environmental Sciences

Category: Senior

Region: Greater Vancouver **City:** Richmond, BC

School: Sir Winston Churchill Secondary School

Abstract: This study focuses on utilizing one of the natural polymer resources, lignin

to replace the synthetic polyol in producing biodegradable polyurethane rigid foams. Different experiments were conducted to test factors, including density and compressive strength, which affect the practical application of

rigid foams.

ue	
\$500	
	\$750
\$500	
\$4 000	
\$2 000	
	\$1 500
9 250	
4	



