**Angelina Arora, Sydney Girls High School, *From Shrimps to a Barbie***

Angelina’s project was comprehensive. Her survey of purchased seafood indicated an average of 4.62% of the body mass of fish is plastic items consumed by the animal therefore microplastics are potentially entering the human food chain. She then went on to synthesize biodegradable bioplastics and tested their durability, finding plastic synthesized from cornstarch and also from waste products (shrimp shells) are commercial possibilities.