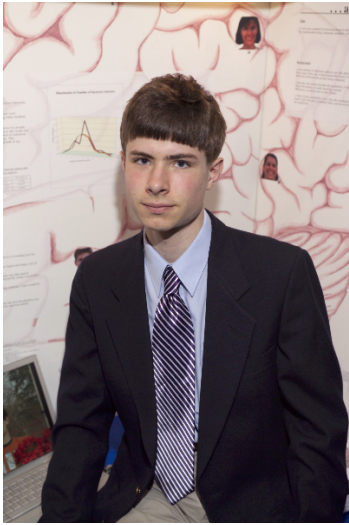


CWSF 2006 - Saguenay, Québec



Thomas Moss

Smiles, Darned Smiles and Statistics

Division: Life Sciences

Category: Intermediate

Region: Chignecto East

City: Tatamagouche, NS

School: North Colchester High School

Abstract: A screening test for autism is proposed exploiting differences in autists' and controls' interpretation of facial expressions, using Duchenne and non-Duchenne smiles. This double blind trial was analysed using standard statistics and a new method of analysis, developed for use with standard computer spreadsheets and compared to the standard analysis.