

Intel Northwest Science Expo Press Report

March 16, 2007

This was the 24<sup>th</sup> Annual NWSE held at Portland State University. There were 465 Middle School students and 200 High school students.

Intel NWSE Best of Fair

Patrick Chen Age: 16 Grade: 11

School: Oregon Episcopal School

Project title: Lysosomal Dysfunction in Retinal Pigment Epithelia Cells (RPE), the pathogenesis of Age Related Macular Degeneration?

ISEF Finalist Individual

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School: Oregon Episcopal School

Project title: Lysosomal Dysfunction in Retinal Pigment Epithelia Cells (RPE), the pathogenesis of Age Related Macular Degeneration?

ISEF Finalist Individual

Laila Wahedi Age: 18 Grade: 12

School: Merlo Station High School

Project title: Insulin-like Growth Factor I Mediated Cell Proliferation Via the Insulin Receptor

ISEF Alternate

Rivfka Shenoy Age: 15 Grade: 10

School: Catlin Gabel School

Project title: Effects of Growth Conditions on Cellulase Activity in *T. Reesei*

Intel NWSE Best of Fair

Yale Fan Age: 15 Grade: 9

School: Catlin Gabel School

Project title: Applications of Multi-Valued Quantum Algorithms

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Yale Fan Age: 15 Grade: 9

School: Catlin Gabel School

Project title: Applications of Multi-Valued Quantum Algorithms

ISEF Finalist Individual

Michael Loy Age: 16 Grade: 10

School: Oregon Episcopal School

Project title: Analyzing the Effects of Air-Entraining Admixtures and Shrinkage-Reducing Admixtures on Concrete Properties in the Development of a New Shrinkage-Reducing Admixture

ISEF Finalist Team

Fei Chen Age: Grade:

William Neiswanger Age: 16 Grade: 11

School: Merlo Station High School

Project title: Increased Precision, Versatility, and Control in Laser-based Surgeries through the Intersection of Superimposed Varied Frequency Lasers

ISEF Finalist Team

Julia Cohen Age: 16 Grade: 11

Lia Dawley Age: 17 Grade: 11

Rahael Gupta Age: 17 Grade: 11

School: Oregon Episcopal School

Project title: Optimization of algal culture growth parameters to obtain lipids for biodiesel mass-production

ISEF Alternate

Nicholas Ewing Age: 18 Grade: 12

School: Skyview High School

Project title: Online Japanese Study and Reference Center

Middle School Best of Fair

Tanya Bhardwaj Age: 13 Grade: 8

School: Rachel L. Carson Environmental Middle School

Project title: Hand and Body Coordination?!?!?

Middle School Best of Fair

Amy Tang Age: 13 Grade: 8

School: Summa Academy North

Project title: Efficiency and CO2 Emission of Fuels