

Graduate Student Oral Competition

1st prize

\$ 500 Cash

+

\$ 500 towards the expenses to attend next year National AVS

Kofi Oware Sarfo

Oregon State University

The role of chloride in the initial stages of the breakdown of -Cr₂O₃ passive layer: a density functional theory study

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Quinn Carvalho

Oregon State University

An AP-XPS Study of $\text{La}_{1-x}\text{Sr}_x\text{NiO}_{3-\delta}$ Perovskite OER Catalysts: Interpretation of Mechanistic Rate Limiting Step

Graduate Student Oral Competition

2nd prize

\$ 250 Cash

Ariel Whitten

Washington State University

Understanding the Chemical Meaning of Information-rich XANES Spectra

Graduate Student Oral Competition

3rd prize

\$ 150 Cash

Pedro Alzaga

Oregon State University

Oxidation of Amorphous Metal Alloy Surfaces Studied Using Ambient Pressure X-Ray Photoelectron Spectroscopy

Graduate Student Oral Competition

3rd prize

\$ 150 Cash

Tyler D. McCrea

Oregon State University

Synthesizing Colloidal PbSe Quantum Dots for the Investigation of Gamma Ray Spectroscopy
Resolution in Semiconductor Radiation Detection Devices

Graduate Student Oral Competition

3rd prize

\$ 150 Cash

Naseeha Cardwell

Washington State University

Solvent and Coverage Effects on the Stability of HDO Relevant Aromatics

Graduate Student Oral Competition

Honorable mention

Yuchen Zhang

Pacific Northwest National Laboratory

Evaluating the effect of PGPR on seedling growth potential using ToF-SIMS

Graduate Student Oral Competition

Honorable mention

Hoan Nguyen

Oregon State University

Ambient Pressure X-Ray Photoelectron Spectroscopy Study of Thermal Decomposition of Acetic Acid on Pd(111)

Graduate Student Oral Competition

Honorable mention

Kathryn E. Sautter

Boise State University

Tensile-Strained Germanium Quantum Dots on InAlAs(110)

Undergraduate Student Oral Competition

1st prize

\$ 250 Cash

Brian Muhich

Oregon State University

Transition Metal Selenide-Based Electrocatalysts for Water Oxidation Reaction

Undergraduate Student Oral Competition

2nd prize

\$ 150 Cash

Rhenton Brimberry

Pacific Northwest National Laboratory, Environmental
Molecular Sciences Laboratory, Richland, WA, USA

Analysis of Aerosol Composition During a Dust Event in the Northern Atlantic.

Awards Winners

Please send your postal address to following people.....

Please contact **Doug Jones** for your **Award Check**: DLJ9@comcast.net

Please contact **Shuttha Shutthanandan** for your **Award Certificate**: Shuttha@pnnl.gov