

**24th Annual Natural Sciences Academic Festival
Poster Presentation Session**

Poster Presentation Title	Poster	Presenter
Bipolar Disorder	Rahel	Abebaw
One Health Approach for Early Detection of Zoonotic Disease: Avian Influenza	Emma	Adams
The Casimir Effect	Chris	Anderson
	Jimmy	Aung
A Study of Abundance, Richness, and Diversity in Macrofauna at Two Puget Sound Beaches	Hannah	Baker
Effect of Dissociative Identity Disorder on the Brain	Jackson	Bakse
Rocky Intertidal Zonation: Comparing Windward to Leeward Sides of Tongue Point	Maya	Bamba
Rabies (disease & brain mapping tool)	Lindsey	Benedict
Assessment of Microbial Content in Cascade Compost	Sydney	Bishoff
The Mystery of Cosmic Rays	Maddie	Boe
The Ethics of Vaccination During an Epidemic	Haley	Bridgewater
Congenital Insensitivity to Pain with Anhidrosis	Natalie	Brighton
Native Plants of Puget Sound Prairie: <i>Aquilegia formosa</i> , Ranunculaceae = Red Columbine	Ashlee	Brooker

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Manchester and Crescent Beach: A Comparison of Diversity and Species Richness	Bennett	Bugbee
Native Plants of Puget Sound Prairie: Lithophragma parviflorum, Saxifragaceae "Smallflower Woodland Star"	Sarah	Burns
Assessment of Microbial Content in Cascade Compost	Rose	Cachero
Autism in Action	Marisa	Cella
From Microbes to Meals: Characterizing the Microbiome of the Compost from Mother Earth Farms	Darick	Chai
Influenza: How social contact and population structure may affect the spread of influenza	Cecilia	Chan
Armeria maritima (sea thrift), Plumbaginaceae	Cecilia	Chan
The Microbial Community Present in the Clover Soil and Compost Samples from Mother Earth Farm	Olga	Chernichenko
Biodiversity in the Rocky Intertidal of Western Washington Beaches: Percent Cover in Upper, Middle, and Lower Tidal Zones	Olga	Chernichenko
The Microbial Community Present in the Clover Soil and Compost Samples from Mother Earth Farm	Sonja	Christensen
An Introduction to Quantum Computing	Matthew	Conover
The Quirkiness of Quarks	Amber	Cooper
Biodiversity in the Rocky Intertidal of Western Washington Beaches: Percent Cover in Upper, Middle, and Lower Tidal Zones	Natalia	Cortez

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From Microbes to Meals: Characterizing the Microbiome of the Compost from Mother Earth Farms	Rebecca	Crust
A Study of Abundance, Richness, and Diversity in Macrofauna at Two Puget Sound Beaches	Rebecca	Crust
Reducing Incidence of Cassava Mosaic Geminivirus, a Serious Threat to Regional Food Security	Emily	Davis
The Microbial Community Present in the Clover Soil and Compost Samples from Mother Earth Farm	Emma	Davis
Variation in species diversity between Manchester and Crescent beaches	Sarah	Dohring
White Dwarfs and its Luminosity Function	Hannah	Domingo
Comparison of Diversity of Rocky Intertidal Communities Between Tongue Point and Manchester Beach	Tabitha	Dowell
Rabies (disease & brain mapping tool)	Jamie	Escobar
How physiological trauma impacts neurochemicals and neuroanatomy in the brain: a look into PTSD	Annabelle	Falloria
A Study of Abundance, Richness, and Diversity in Macrofauna at Two Puget Sound Beaches	Taylor	Farley
Native Plants of Puget Sound Prairie: <i>Balsamorhiza deltoidea</i> (Asteraceae=deltoid balsamroot)	Taylor	Farley
Biological Basis of Parkinson's Disease	Derek	Fish
Crimean-Congo Hemorrhagic Fever: Management of an Uncommon Virus	North	Foulon

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Black Holes: Hawking Radiation & Particle Tunneling	Laura	Glastra
Native Plants of Puget Sound Prairie: <i>Lupinus albicaulis</i> , Fabaceae = Sickle-keeled lupine	Emmanuel	Gonzalez
Dark Matter	Claire	Hartwig Alberg
Biodiversity in the Rocky Intertidal of Western Washington Beaches: Percent Cover in Upper, Middle, and Lower Tidal Zones	Megan	Hill
Comparative Analysis of Schizoaffective and other Psychotic Disorders	Cassie	Hobbs
Quantum Computing	Brad	Hodkinson
Effect of Dissociative Identity Disorder on the Brain	Sunny	Huang
	Azana	Hyneman-Henderson
Microbial Characterization of Kale Soil at Mother Earth Farm	Emma	Janousek
Microbial Characterization of Kale Soil at Mother Earth Farm	Alyssa	Jilk
MicroRNA Regulation in Gliomas and Novel Cancer Treatments	Tyler	Johnson
Alzheimer's Disease Pathology	Mary	Josten
Decorating Carbon Electrodes with Gold Nanoparticles to Study the Kinetics of Redox Reactions	Gabrielle	Kamm

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Synchrotron Radiation and the Physics of Spectroscopy	Gabrielle	Kamm
Assessment of Microbial Content in Cascade Compost	Grant	Kido
Analysis of the Vibrational-Rotational Spectra of HCl and DCI	Luna	Kim
Native Plants of Puget Sound Prairie: Dodecatheon henderisonii, Primulaceae = Shooting Star	Amanda	Koskinen
Quantum Biology	Isabel	LaRue
Variation in species diversity between Manchester and Crescent beaches	Nathan	Laudolff
Exploring Constellations	Megan	Longstaff
Autism in Action	Alana	McGilberry
Neutron Stars	Chris	McGraw
Comparison of Diversity of Rocky Intertidal Communities Between Tongue Point and Manchester Beach	Destinie	Miner
Traumatic Spinal Cord Injury: Motor Cortex Effects	Destinie	Miner
Huntington's Disease	Katie	Molyneux
The Neglected Rabies Endemic	Katie	Molyneux

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Huntington's Disease	Alex	Moore
Native Plants of Puget Sound Prairie: <i>Potentilla gracilis</i> , Rosaceae = slender cinquefoil	Alex	Moore
Decorating Carbon Electrodes with Gold Nanoparticles to Study the Kinetics of Redox Reactions	Emily	Ness
Bipolar Disorder	Kendall	Pargot
Einstein's Papers	Betsabe	Parmly
Developing an Efficient and Economically-Sustainable Universal Influenza Vaccine	Elliott	Peterson
Congenital Insensitivity to Pain with Anhidrosis	Yelena	Petrik
Native Plants of Puget Sound Prairie: <i>Erythronium oregonum</i> , Liliaceae, Giant White Fawn Lily	Lily	Phan
Native Plants of Puget Sound Prairie: <i>Eriophyllum lanatum</i> , Asteraceae, Common Woolly Sunflower	Nina	Phan
Dark Matter in the Cosmos	Valeria	Pinedo Chipana
MicroRNA Regulation in Gliomas and Novel Cancer Treatments	Nina	Prikhodko
Microbial Characterization of Kale Soil at Mother Earth Farm	Kinsey	Reed
	Nadia	Reed

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Lupinus Polyphyllus	Josefine	Rodriguez
Rocky Intertidal Zonation: Comparing Windward to Leeward Sides of Tongue Point	Nathan	Sabo
Quantum Encryption	Isaiah	Scheel
Traumatic Spinal Cord Injury: Motor Cortex Effects	Alena	Sebryakova
Apparent Superluminal Motion In Astrophysical Jets	Alex	Shearer
Neglect Syndrome: A World Hidden in Plain Sight	Jordan	Sherfey
Native Plants of Puget Sound Prairie: [Fritillaria affinis, Family = Liliaceae, Chocolate Lily)	Jadey	Simmons
Rocky Intertidal Zonation: Comparing Windward to Leeward Sides of Tongue Point	Bailey	Skeet
Variation in species diversity between Manchester and Crescent beaches	Sydney	Smythe
Manchester and Crescent Beach: A Comparison of Diversity and Species Richness	Hayley	Sonneson
Dark Energy	Francis	Sonoda
The Fourth Dimension	Noah	Stead
Manchester and Crescent Beach: A Comparison of Diversity and Species Richness	Graham	Steed

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Depression & Transcranial Magnet Stimulation (TMS) Therapy	Madison	Stinson
Fluorinated Shikimic Acid	Erik	Straume
Depression & Transcranial Magnet Stimulation (TMS) Therapy	Viktoriya	Sushik
Comparative Analysis of Schizoaffective and other Psychotic Disorders	Juli	Symmons
How physiological trauma impacts neurochemicals and neuroanatomy in the brain: a look into PTSD	Nathan	Tanigami
Microbial Characterization of Kale Soil at Mother Earth Farm	Thida	Tea
Comparison of diversity between the Rocky Intertidal Communities of Tongue Point and Manchester Point	Emily	Terhaar
Symphyotrichum Eatonii	Aivi	Tran
From Microbes to Meals: Characterizing the Microbiome of the Compost from Mother Earth Farms	Anna	Tran
Native Plants of Puget Sound Prairie: Cervastium arvense (Caryophyllaceae = Carnation family)	Sharn	Tung
Alzheimer's Disease Pathology	Sasha	Vasilyeva
Quantum Cryptography	Nick	Wagner
Lomatium Utriculatum (Spring Gold), a Puget Sound Prairie Native	Ethan	Warwick

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Biological Basis of Parkinson's Disease	Matthew	White
Neglect Syndrome: A World Hidden in Plain Sight	Caitlan	Whitley
From Microbes to Meals: Characterizing the Microbiome of the Compost from Mother Earth Farms	Joe	Williams
Wholeleaf Saxifrage	Tessa	Wright