

2017 Expo Winners Friday May 19th 2017

Category	Student		Title	High School
Art				
1st Place	Alison	Cary	Therapy Does Not Equal Crazy: Psychotherapy for Mental Illness	Mercer Island High School
1st Place	Joy	Chen	How Birds Migrate Without Becoming Lost	Shorecrest High School
3rd Place	Sierra	Rees	Transgender Surgeries	Woodinville High School
Honorable Mention	Grace	Skalecki	What Makes a Psychopath Turn into a Killer?	Eastside Catholic High School
Honorable Mention	Teresa	Bonilla	The Best Pest	Mountlake Terrace High School
Honorable Mention	Matthew	Chaw	The Pathogenesis and Treatment of Psoriasis	Eastside Catholic High School
Career Pathways				
1st Place	Priya	Hayre	Pediatric Hematology-Oncology: The Deadly Grasp of Leukemia in India	Shorecrest High School
2nd Place	Jessica	Liang	Career Pathways - Epidemiologist	Interlake High School
3rd Place	Autumn	Capper	Pediatric Oncology	Woodinville High School
Honorable Mention	Mirelle	Blanchard	Immortality, Super Soldiers, Changing DNA: New Dimensions for a New Wor	Shorecrest High School
Honorable Mention	Makenna	Stevenson	Career Pathways to be a Corpsman	Mercer Island High School
Honorable Mention	Ekua	Monkah	Tapping Into The Future of a High School Junior	Foster High School
Creative Writing				
1st Place	Kylie	Butler	Mammoths: The Past Saves the Future	Bethel High School
2nd Place	Nicole	Nagamats	Burning in Your Own Skin	Shorecrest High School
3rd Place	Dima	Minkin	Color Blindness	Woodinville High School
Honorable Mention	Kaylin	Ingalls	Avian Intelligence	The Attic Learning Community
Honorable Mention	Emma	Bell	The Neurobiology and Physiology of Toxic Stress: The Lasting Impacts ACEs a	Edmonds Heights K-12 School
Honorable Mention	Sophie	Zucker	To Bleed or Not To Bleed	Ballard High School
Drama/Dance				
1st Place	Blaine	Aweke	Enhancing Photosynthesis	Shorecrest High School
2nd Place	Paige	Bonvallet	Heart Disease in Women	Woodinville High School
3rd Place	Emily	Jackson	Heart Disease in Women	Woodinville High School
Honorable Mention	Max	Kleweno	Schizophrenia	Shorecrest High School
Indigenous Science				
1st Place	Diana	Delgado-Si	Medicinal Plants: Preserving Our Culture and Honoring Our Ancestors	Royal High School
1st Place	Carlos	Hernandez	Medicinal Plants: Preserving Our Culture and Honoring Our Ancestors	Royal High School
1st Place	Gricelda	Toribio-Vil	Medicinal Plants: Preserving Our Culture and Honoring Our Ancestors	Royal High School
Journalism				
1st Place	Archika	Dogra	Resisting the Resistance: A Feature on the Forbidding Transition into a Post-	Interlake High School
2nd Place	Sophie	Adams	Keeping the Body Intact: Marfan Syndrome	Ballard High School
3rd Place	Samuel	Holman	The Road to an Artificial Pancreas	Shorecrest High School
Honorable Mention	Liz	Elton	Designer Babies: Human Evolution or Scientific Abomination?	Bethel High School
Honorable Mention	Amy	Suwancho	Glaucoma Effects on the Daily Lives of Humans	Foster High School
Honorable Mention	Tavish	Hansen	Tourette Syndrome: Living the Life Chosen by Your Genes	Ballard High School
Lab Research				
1st Place	Aric	Prieve	Using CRISPR on the PCSK9 Gene	Shorecrest High School
2nd Place	Veenadhai	Kollipara	BNCT: The next generation of cancer treatment	Interlake High School
3rd Place	Lewis	Back	Effects of Suppressing Ubiquitin-Coding Genes in C. elegans	Mercer Island High School
Honorable Mention	Jeremy	Ansdell	"The Hunger Games"	Mountlake Terrace High School
Honorable Mention	Rosa	Park	"The Hunger Games"	Mountlake Terrace High School
Honorable Mention	Sam	Polevoy	"The Hunger Games"	Mountlake Terrace High School
Honorable Mention	Elysiana	Batingan	Detecting Changes in Human Stress Levels using Digital Imagery Analysis of S	Mountlake Terrace High School
Honorable Mention	Jordan	Hsu	Detecting Changes in Human Stress Levels using Digital Imagery Analysis of S	Mountlake Terrace High School
Honorable Mention	Chloe	Winston	USING DNA BARCODING TO IDENTIFY RIVER OTTER PREY	Home School
Honorable Mention	Gal	Lapid	Bad Bugs, No Drugs: The Emerging Crisis of Antibiotic Resistance	Woodinville High School
Honorable Mention	Linnea	Schultz	Bad Bugs, No Drugs: The Emerging Crisis of Antibiotic Resistance	Woodinville High School

Honorable Mention	Michael	Fraczek	V. fischeri as a Host for Genetic Engineering with Oil Degradation Bacteria, A	Polaris K-12 Anchorage, AK
Honorable Mention	Liya	Mulugeta	Effect of Light Intensity on Transpiration Rate	Ingraham High School

Molecular Modeling

1st Place	Madelyn	Korn	The Role of the Immune System and CNS in the Development of Multiple Scl	Mercer Island High School
2nd Place	Grace	Perrin	Photodynamic Cancer Therapy Utilizing Rose Bengal Acetate	Shorecrest High School
3rd Place	Jeffrey	Leung	Actin and Myosin in the Sarcomere	Mercer Island High School
Honorable Mention	Natalie	Pilla	The Amyloid-Beta Protein and Alzheimer's Disease	Woodinville High School
Honorable Mention	Aimee	Ellis	Molecular modeling (histones)	Eastlake High School
Honorable Mention	Jaiden	Taylor	Adenomatous Polyposis Coli	Eastside Catholic High School

MultiMedia

1st Place	Emma	Howlett	Bioengineering Cartilage: Making a Biological Cyborg	Shorecrest High School
2nd Place	Daniel	Humkey	The Hereditary Nature of The Shaking Disease - Essential Tremor	Foster High School
3rd Place	Manjari	Anant	Stem Cell Research	Roosevelt High School
Honorable Mention	Rachel	DePencier	An Aquaponics Adventure	Eastside Catholic High School
Honorable Mention	Serena	Gilani	An Aquaponics Adventure	Eastside Catholic High School
Honorable Mention	Soumya	Keefe	Are Superhumans Possible? An experiment in CRISPR/Cas9	Shorecrest High School
Honorable Mention	Hanna	McNamara	The Story of Breast Cancer	Ballard High School
Honorable Mention	Kailana	Wang	The Story of Breast Cancer	Ballard High School
Honorable Mention	Kale	Zweig	The Story of Breast Cancer	Ballard High School
Honorable Mention	Isaac	Hazlehurst	"Soxidation": The Wacky World of Chemosynthesis	Edmonds Heights K-12 School

Music

1st Place	Parlin	Shields	Gutsy Bugs	The Attic Learning Community
2nd Place	Noah	Parker	Amalgamation of Mutations	Ballard High School
2nd Place	Veronica	Redpath	Amalgamations of Mutations	Ballard High School
3rd Place	Mercedes	George	SCA2	Ballard High School
Honorable Mention	Daniel	Nzanga	Brain On Music	Shorecrest High School

SMART

1st Place	Caylynn	Berosik	3D Printing Therapeutic Prosthetic Horseshoes for Laminitic Horses	Tesla STEM High School
1st Place	Katie	Chalmers	3D Printing Therapeutic Prosthetic Horseshoes for Laminitic Horses	Tesla STEM High School
1st Place	Margo	Nannemar	3D Printing Therapeutic Prosthetic Horseshoes for Horses with Laminitis	Tesla STEM High School
1st Place	Agata	Skarbek	3D Printing Therapeutic Prosthetic Horseshoes for Horses with Laminitis	Tesla STEM High School
2nd Place	John	Pomeroy	Auricular Tissue Engineering	Woodinville High School
2nd Place	Carson	Vache	Auricular Reconstruction: Engineering the Ear	Woodinville High School
2nd Place	Carolina	Waughma	Auricular tissue Engineering	Woodinville High School
3rd Place	Ashiana	Dhanani	A Novel Alternative for the Transcatheter Aortic Heart Valve	Tesla STEM High School
3rd Place	Anjali	Sribalaska	A Novel Alternative for the Edwards SAPIEN Transcatheter Aortic Heart Valve	Tesla STEM High School
3rd Place	Rahul	Srivastava	A Novel Alternative for the Edwards SAPIEN Transcatheter Aortic Heart Valve	Tesla STEM High School
Honorable Mention	Kennedy	Cooper	Neuroimaging Alzheimer's	Mountlake Terrace High School
Honorable Mention	Kaylee	Hynek	Neuroimaging Alzheimer's	Mountlake Terrace High School
Honorable Mention	Gurleen	Gill	Designing an adjustable forearm prosthetic using 3D modeling and printing	Tesla STEM High School
Honorable Mention	James	Kusardi	Designing an Adjustable Forearm Prosthetic Using 3D Modeling and Printing	Tesla STEM High School
Honorable Mention	Goutam	Krishnamo	Application of a Grooved Insertion with a Restraint Mechanism to Increase t	Tesla STEM High School
Honorable Mention	Amulya	Paramasiv	Application of a Grooved Insertion with a Restraint Mechanism to Increase t	Tesla STEM High School
Honorable Mention	Fred	Qin	Application of a Grooved Insertion with a Restraint Mechanism to Increase t	Tesla STEM High School
Honorable Mention	Larry	Wang	Application of a Grooved Insertion with a Restraint Mechanism to Increase t	Tesla STEM High School

SeaVuria

1st Place	Sophia	Alvord	Malaria: The Bite That Does More Than Itch	Ballard High School
1st Place	Lauren	Farrar	Malaria: The Bite That Does More Than Itch	Ballard High School
1st Place	Samuel	Wilk	Malaria: The Bite That Does More Than Itch	Ballard High School
2nd Place	Lia	Freeman	Tuberculosis: The Invisible Killer	Ballard High School
2nd Place	Caitlin	Moore	Tuberculosis: The Invisible Killer	Ballard High School
3rd Place	Samantha	Blue	HIV: A Global Fight	Ballard High School
3rd Place	Liat	Carlyle	HIV: A Global Fight	Ballard High School
3rd Place	Julia	Jackson	HIV: A Global Fight	Ballard High School
3rd Place	Audrey	McFarland	HIV: A Global Fight	Ballard High School

Honorable Mention	Elizabeth Dale	The Real World Malaria Problem	Roosevelt High School
Honorable Mention	Adrian Gervassi-S	The Real World Malaria Problem	Roosevelt High School
Honorable Mention	Abbie Kreiter	The Real World Malaria Problem	Roosevelt High School
Honorable Mention	Rachel Shayne	The Real World Malaria Problem	Roosevelt High School
Honorable Mention	Sophia Karlin	Tuberculosis in Third World Countries	Roosevelt High School
Honorable Mention	Jennifer Peng	Tuberculosis in Third World Countries	Roosevelt High School

Teaching

1st Place	Paige Campbell	Teaching Alzheimer's Disease	Ballard High School
2nd Place	Divya Parimi	CRISPR and Genetic Engineering	Eastlake High School
2nd Place	Anisa Ashraf	CRISPR and Genetic Engineering	Eastlake High School
3rd Place	Kim Tran	Methicillin-resistant Staphylococcus Aureus (MRSA) Bacterium	Shorecrest High School
Honorable Mention	Karen Gaffney	Stem Cell Lesson Plan	Roosevelt High School
Honorable Mention	Aranza Torres Silv	Acute Lymphoblastic Leukemia, Information Beyond It's Development In The	Foster High School

Website

1st Place	Caleb Winston	Artificial Intelligence (AI) and Medicine	Homeschoolers
2nd Place	Nikhil Harikrishn	Teen Brain Talk	The Overlake School
3rd Place	Faye Nie	Pediatric Cochlear Implants	Woodinville High School
Honorable Mention	Nico Lee	3D Bioprinting	Shorecrest High School

People's Choice Award

Iman Tanumihar	Lung Cancer	Shorecrest High School
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Cup of Excellence

Foster High School
