

Booth #	First Name	Last Name	College	Project Title
22	Nicole	Acker	Earth, Oceanic and Atmospheric Sciences	Using Deep-Sea Marine Sediments to Reconstruct Past
33	Logan	Adams	Engineering	The Impact of Drought on Stable Water Isotopes
34	Ley	Aldinger	Engineering	Time Perception in VR
144	Shanelle	Almeida	Science	
71	Ashley	Ames	Liberal Arts	Trauma in Adolescence as a Predictor of Lower Facial
115	Emi	Ampo	Science	Cell Culture and High Throughput Screening Methodology Development For Defining
35	Ana	Aranda	Engineering	Biogas Codigestion of Fats, Oils, and Greases With Varying Ammonia Concentrations
69	Taylor	Barnett	Forestry	The Perspectives of Female College Student Leaders on Gender Aspects in the Forest Sector
4	Sonya	Bedge	Agricultural Sciences	An Evaluation of Staffing Needs at the Health Clinic in Maunatlala, Botswana
97	Sarah	Blum	Public Health and Human Sciences	Research in the Field of Human and Child Development: Students' Perspective
98	Victoria	Boechler	Public Health and Human Sciences	Involvement of Autophagy in Electron Transport Flavoprotein Adaptations During Exercise and High Fat
99	Briana	Bolster	Public Health and Human Sciences	Peak Vertical and Later Ground Reaction Forces During a Side Step Exercise in Older Adults
36	Anneli	Brackbill	Engineering	Modeling the Spread of Nuclear Waste Through Different Mediums
116	Mahtab	Brar	Science	Genetic Distance and Aggressiveness in Anthopleura Elegantissima
100	Jackson	Brim-Edwards	Public Health and Human Sciences	Verification of Glucose Values Measured By a Handheld Glucometer During Insulin Sensitivity Testing
18	Halli	Briscoe	Business	Athlink

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2	Lauren	Bugg	Liberal Arts	Beyond Disney: Analysis of Race, Class, and Gender in
23	Adriane	Burk	Earth, Oceanic and Atmospheric Sciences	Sorting Out Taxonomic Confusions Within the Genus Clarias
37	Peri	Cabrales	Engineering	Using Training and Varied Placement of Trash Bins to Help Decrease OSU's Overall Solid Waste Production
5	Laurel	Caldwell	Agricultural Sciences	Multidetector Computed Tomography of the Abdomen Disease in Goats
72	Sydney	Caleen	Liberal Arts	Information for All
117	Dustin	Campbell	Science	
117	Russell	Campbell	Science	Use of Digital 3D Models in Natural History Research
118	Jorie	Casey	Science	Heavy Marijuana Use and Risky Decision-Making in Young Adult College Students
38	Min	Chew	Engineering	Osutopia: Can it Alter Social Behavior?
95	Kristie	Chok	Liberal Arts	
39	Bryan	Chun	Engineering	Engineering Low Cost Pb and Cd Free Carbon Quantum
52	Kira	Corbett	Engineering	
24	Callie	Covington	Earth, Oceanic and Atmospheric Sciences	Examination of Variations in Localized Moss Habitat in
6	Brynley	Cozzi	Agricultural Sciences	Sprasa is Immuno-Expressed in All Follicle Stages in Equine Ovaries
40	Amanda	Crawford	Engineering	Usability Evaluation of the OSU Class Search Website
52	Cynthia	Cruz Sanchez	Engineering	
73	Zachary	Cummings	Liberal Arts	Aero-Space
119	Morgan	DeHaven	Science	Comparison of Anesthetic Protocols for Canine

Tuesday, May 14, 2019

MU Ballroom

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41	Eleanor	Des Jardin	Engineering	Helios
120	Rachel	DeVyldere	Science	Analysis of the Effects of Bzatzp Activated P2X7
121	Claire	Dowd	Science	Influence of Regional Climate on Habitat Loss and Habitat Fragmentation Effects on Pollination of Heliconia Tortuosa in a Costa Rican Network
95	Quinn	Downey	Liberal Arts	
42	Erin	Drumm	Engineering	How Does Ocean Acidification Change Shell Thickness?
122	Catherine	Du	Science	Mechanisms of Skeletal Muscle Insulin Resistance with Obesity and Reversal By Exercise.
80	Isabella	Ellwein	Liberal Arts	The Use of Discretion in Juvenile Justice
80	Isabella	Ellwein	Liberal Arts	
25	Kristin	Ericksen	Earth, Oceanic and Atmospheric Sciences	Cmip6 Abrupt Carbon Dioxide Quadrupling Scenario:
43	Summer	Estes	Engineering	The Microbiota of Marine Fishes Produce Neuroactive Secondary Metabolites
123	Erica	Ewton	Science	The Effects of X-Ray CT Scanning on Microbial Communities on Sediment Cores
30	Aaliyah	Fiala	Science	
124	Tori	Fite	Science	Labeobarbus Fishes
7	Camryn	Flint	Agricultural Sciences	Luteinizing Hormone Receptor-Mediated Cell
8	Tasman	Flora	Agricultural Sciences	Developing an Apgar Score for Lambs
44	Ashlynn	Gallagher	Engineering	A Novel Approach to Diagnosing Zika: The Use of Silk

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74	Madison	Gebhardt	Liberal Arts	How Profile Pictures Affect Source Perception
101	Natasha	Giulietti	Public Health and Human Sciences	Peak Vertical Ground Reaction Force on Dominant and
1	Jacob	Gradwohl	Engineering	Beyond Disney: Analysis of Race, Class, and Gender in German and Other Fairy Tale Film Adaptations
75	Prudence	Graves	Liberal Arts	Stress, Anxiety, and Marijuana Use in Young Adult College Students
45	Sonica	Gupta	Engineering	Developing User Friendly Interface to Spread the Use of Hidden Markov Models
46	Michael	Haffner	Engineering	Advancements in Foot Design for Cassie, OSU's Bipedal Robot
76	Katherine	Haro	Liberal Arts	The Role of Perceived Facial Trustworthiness In Adolescent Boys' Deviant Peer Relationships
102	Samantha	Harris	Public Health and Human Sciences	Identifying Compounds in Centella Asiatica
47	AnneMarie	Hasbrook	Engineering	How Physical Interactions Between Tumors and Tissues
103	Jason	Hashimoto	Public Health and Human Sciences	Mitochondrial Supercomplex Analysis in Skeletal Muscle of Younger and Older Mice
77	Meghan	Heineman	Liberal Arts	Working Memory and Interpersonal Sensitivity: The Development of an N-Back Task of Emotional Faces
26	Erin	Hennessy	Earth, Oceanic and Atmospheric Sciences	Precipitation Variations and Variability in Atmospheric Circulation
125	Molly	Herinckx	Science	Analyzing the Molecular Basis for Increased Antibiotic Production in S.Fungicidicus
19	Harry	Herzberg	Business	Network.lot By Pai
48	Mikayla	Heston	Engineering	Rain or Shine
78	Lena	Hildenbrand	Liberal Arts	The Effects of Language on Cognitive Flexibility and

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126	Kaito	Hioki	Science	Identification of Potential Drug Targets in Cervical Cancer Using Small Interfering Rna
79	Micaela	Houston	Liberal Arts	Representation of Gender in Fraternity Freshman
104	Yulin	Hu	Public Health and Human Sciences	Single Leg Stance Time During Hip Abduction Among Dominant and Non-Dominant Limbs in Older Adults
9	Celine	Huynh	Agricultural Sciences	Evaluating Biomarkers and Processes in Response to Polycyclic Aromatic Hydrocarbon Exposure in Diseased and Normal Human Bronchial Epithelium
81	Maia	Insinga	Liberal Arts	Cognitive Behavioral Therapy for Seasonal Affective Disorder
82	Taylor	Irvine	Liberal Arts	
27	Keira	Johnson	Earth, Oceanic and Atmospheric Sciences	Land Use Influence on Water Quality within the Oak
82	Makayla	Johnson	Liberal Arts	Success the Way You Want It: Could "Feeling Good" Be Your Ticket to the Life You Want?
1	Chloe	Johnston	Liberal Arts	
88	Isabella	Karabinas	Liberal Arts	The Psychophysiology of Empathy
144	Hannah	Kennedy	Liberal Arts	
127	Jin	Kiatvongcharoen	Science	Simulating Dynein's Walk Using Monte Carlo Methods
128	Sharon	Kim	Science	Nitrated Heat Shock Protein 90 (Hsp90) is Critical for Schwannoma Cell Survival and Proliferation
129	Logan	Kleditz	Science	Follicle Stimulating Hormone Receptors are Expressed in Ovine Liver, Heart, Kidney, and Skeletal Muscle
102	Rony	Koluda	Science	
81	Autumn	Kolzow	Liberal Arts	
144	Silvarani	Kosasih	Liberal Arts	

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49	Ezra	Kramer	Engineering	Loom
17	Yadano	Kumbi	Agricultural Sciences	Phytochemical Characterization of Fagonia Indica and
113	Kimberly	Lane	Public Health and Human Sciences	
130	Anna	Le	Science	A Look Into: The Student Involvement Guide
28	Ara	Lee	Earth, Oceanic and Atmospheric Sciences	Investigation of Mixed Layer Properties Under the Sea
131	Dylan	Lee	Science	Gender Differences in Homecoming Experience and PTSD Symptoms of Vietnam War Veterans
50	Juichi	Lee	Engineering	Fire Escape Simulation and Large Asset Management Using Scripting
10	Jui-Chieh	Lee	Agricultural Sciences	Study of Regulatory Gene Auxin Response Factor 4
132	Karen	Lee	Science	The Effects of Riluzole on Astrocytes from ALS Patients
133	Kelly	Lee	Science	The Use of Edaravone on Astrocytes from ALS Patients
29	Rhys-Jasper	Leon	Liberal Arts	Dreams and Demons
134	Samantha	Lesch	Science	Determining the Removal Capacity of Antibiotic-
135	Younghan (Justin)	Lim	Science	Lignin Precursors as a Source of Polymer Synthesis
95	Lillian	Linder	Liberal Arts	Love Language: Does Your Relationship Status Appear in Your Writing?
51	Matteo Liserre	Liserre	Engineering	Sap Hydrogel as a Fire Resistant Roofing Material: Application of Sodium Polyacrylate as a Single-Use
106	Siana	Liti	Science	
11	Amalia	Lopez	Agricultural Sciences	Can Environmental Parameters Be Used to Predict the

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136	Gabrielle	Lopez	Science	Feline Morbidity
155	Sharlena	Luyen		
85	Natalie	MacMillan	Liberal Arts	Seeing Red: Is Perceived Negativity Projected onto the
137	Brittany	Martin	Science	The Efficacy of Orius Insidiosus on Controlling Lygus Hesperus Populations in Quinoa
105	Amanda	Martinez	Public Health and Human Sciences	Biomechanical Demands and Postural Control During Exercises Commonly Performed By Older Adults in Falls
86	Hannah	Mather	Liberal Arts	Does Being Stressed Make You Appear Less Trustworthy?
3	Nikita	Mattingly	Engineering	Ex-Situ Bioremediation with the use of a Unified Nanomachine Software
52	Nicholas	May-Varas	Engineering	Increasing Energy Production By Using the Byproducts of Plastic Degradation to Increase Crop Yields and
53	Rachel	McAfee	Engineering	Two-Color Laser Induced Fluorescence Measurements of Natural Convection in a Dielectric Fluid
54	Zachery	McLaughlin	Engineering	Human Well-Being: How Python Can Be Used in Unreal Engine 4 to Support a Better Work Environment for Users and Developers
138	Donald	McMahon	Science	The Relationship Between the Rapid Assessment of Physical Activity Score and the Rating of Perceived Exertion in Older Adults
139	Anabel	Mendoza	Science	Exploration of Marine Arctic Bacteria as a Source for New Antibiotics
91	Erika	Meusch	Liberal Arts	
55	Samuel	Miller	Engineering	Chitin Fibers of the Marine Diatom Cyclotella
56	Taiki	Miyaishi	Engineering	Investigating the Movement of Nanoplastics in the

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20	Bethany	Mohler	Business	The Willamette Valley Collective
57	Ella	Mudry	Engineering	Build-Make-Learn
59	Rene	Nagy	Engineering	Methods for Effective Sonification of Geospatial Data
87	Saki	Nakai	Liberal Arts	Testing the Segmentation Effect of Multimedia Learning in a Biological System
140	Nathaniel	Neal	Science	Organizing and Understanding the Bryconalestes Genus
109	Luna	Nelson	Public Health and Human Sciences	
60	Thuy-Vy	Nguyen	Engineering	Using Virtual Reality to Model and Describe
141	Cooper	Nicolaysen	Science	Hilbert Transforms on the Unit Circle on the Plane $R^2$ In Terms Of Potential Theory On $R^2$
52	Jacob	North	Engineering	
83	Kelsey	Ornelas	Liberal Arts	Are You Unknowingly Choosing to Sabotage Your
142	R.	Ott	Science	Physics Teaching Practicum - A Three-Term Case Study
143	Julia	Padilla	Science	Biomass of North Carolina Wrack
106	Matthew	Paluska	Public Health and Human Sciences	Stability of Palivizumab in Milk at 1, 2 and 24 Hours at
80	Cole	Parra	Liberal Arts	
31	Chase	Pettibone	Engineering	
97	Anna	Phillips	Public Health and Human Sciences	
89	Sydney	Phu	Liberal Arts	The Mayo Clinic's Regenerative Medicine Consultation
107	Mary Catherine	Prater	Public Health and Human Sciences	Modeling Nitrate Exposure and Factors Affecting the Nitrate-Nitrite-Nitric Oxide Pathway Across the Lifespan



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144	Rishi	Purohit	Science	Capture Attention: Does Individual Working Memory Capacity Predict Susceptibility to Attention Capture by Distractors?
12	Elizabeth	Puttman	Agricultural Sciences	Use of Platelet Rich Plasma for the Treatment of Subclinical Endometritis in Beef Heifers
156	Symon	Ramos		A Study of Learning Effectiveness Between Augmented Reality and Traditional Methods in Crafting Origami
145	Elizabeth	Riutta	Science	A Literature Review of Mmr: To Find a Solution
13	Mackenzie	Roberts	Agricultural Sciences	Genomic Testing Does Not Correlate with Performance
90	Zosia	Roberts	Liberal Arts	Examining the Effects Between Multimodal Learning and Visuospatial Ability
91	Bianca	Robison	Liberal Arts	A Brain Event-Related Potential Study of Facial Attractiveness Judgment in the Absence of Attentional
92	Diego	Rodriguez	Liberal Arts	Differential Binding of The WWC Family
61	Chalida	Ruangrotsakun	Engineering	Data Analysis for Swarm Robotics
62	Alyssa	Sansom	Engineering	Quantifying the Critical Chloride Threshold of Steel-
146	Alan	Schultz	Science	Neumann Boundary Value Problem with an Application to the Hilbert Transform on the Unit Circle on the Plane
19	Dmytro	Shabanov	Business	
93	Shrida	Sharma	Liberal Arts	Do Love Experts Know Love when They are Looking at
63	Colton	Shaw	Engineering	Mapping Forest Fire Risk on a Global Resolution
70	Samantha	Shelton	Forestry	Castle Family Forest Educational Activity Design

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94	Lauren	Silva	Liberal Arts	Did You See That? Consensus Versus Individual
64	Timothy	Slama	Engineering	A Case Study in Augmented Reality as a Means for Early-Stage Customer Feedback in New Product
82	Meagan	Smith	Liberal Arts	
83	Meagan	Smith	Liberal Arts	
84	Meagan	Smith	Liberal Arts	Freshmen Success Vs. Seniors Success: Is Self-Efficacy
148	Ulises	Solis Ocana	Science	Analysis of Endogenous Glycopeptides in Human Milk
149	Jason	Srey	Science	Vorinostat Derivative Treatment Yields New Chalanilines from Chalara Sp. 6661
21	Mitchell	Stebner	Business	
21	Benjamin	Steinhorn	Business	Shoebio Inc.
108	Indica	Stephenson	Public Health and Human Sciences	N/A
29	Marika	Stock	Earth, Oceanic and Atmospheric Sciences	Nitrous Oxide Concentrations In Pre-800Ka Ice from
28	Lauren	Stokes	Public Health and Human Sciences	Environmental Health Literacy
96	Morgan	Stosic	Liberal Arts	Are Successful Nonverbal Communicators More
95	Morgan	Stosic	Liberal Arts	
150	Aylmer	Tan	Science	Determining the Extraction Efficiency of Protein from Iron Oxide Minerals
109	Tailee	Tangonan	Public Health and Human Sciences	Addressing Food and Housing Insecurity Among U.S. College Students
110	Allison	Tep	Public Health and Human Sciences	Boldly Me Health Week: A Student-Led, Community-Based Intervention to Address Social Identity at Oregon State University
111	Ronald	Thompson	Public Health and Human Sciences	Vertical Ground Reaction Force During the Forward Lunge for Dominant and Non-Dominant Limbs in Older Adults

Tuesday, May 14, 2019

MU Ballroom

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151	Rylie	Tiffin	Business	
65	Azara	Tilt	Engineering	The Use of Virtual Reality for Product Assembly, Design, and Force Analysis
30	Pha	Truong Phan	Earth, Oceanic and Atmospheric Sciences	Wintertime Circulation in the South China Sea: Comparison Between Taiwan and Vietnam
66	Khanin	Udomchoksakul	Engineering	Virtual Reality in Oregon Science Complex
52	Rachel	Unema	Engineering	
151	Lindsay	Unitan	Science	Janus-Type Microfluidic Devices for Separation and Collection of Plasma from Blood
112	Meghan	Van Der Hyde	Public Health and Human Sciences	Peak Trunk Forward Flexion and Peak Ankle Dorsiflexion in Older Adults
52	Victoria	Vasquez	Engineering	
152	Karly	Vial	Science	Developing a Protein-Protein Interaction Assay Using Grapevine Protoplasts
67	Austin	Warren	Engineering	Design and Testing of a Helium-3 Negative Reactivity Insertion Prototype for the Treat Facility
153	Emma	Weeks	Science	Optimizing Pm2.5 Filter Extraction Methods
31	Ryan	Westling	Earth, Oceanic and Atmospheric Sciences	Quantification of Antibiotic Resistant Bacteria Present at the OSU-Benton County Green Stormwater Research (OGSIR) Facility
14	Alexus	Williams	Agricultural Sciences	What's Normal: An Investigation into the Lumbosacral Spinal Anatomy of Quarter Horses
58	Connor	Wilson	Engineering	Hybrid Manufacturing
30	Will	Wodrich	Engineering	An Algorithmic Approach to Generating a Specific Infinite Binary Trees
68	Cindy	Wong	Engineering	Sustainable Feminine Hygiene Pads using Biodegradable Polymers
15	Melissa Hui Weng	Wong	Agricultural Sciences	The Impacts of Aging and Military Service on Olfactory and Taste Function
154	Ryan	Wong	Science	Simulation of Mechanical Waves in Heterogeneous Material

Tuesday, May 14, 2019

MU Ballroom

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32	Giulia	Wood	Earth, Oceanic and Atmospheric Sciences	The Effect of Time Since Harvest on Body Size of <i>Osmia Lignaria</i> in Managed Conifer Forests
16	Jasmin	Yang	Agricultural Sciences	Substrate-Dependent Influence of Ascorbic Acid on Mechanism-Based Inactivation of Potato Polyphenol Oxidase
113	Jooyoung	Yeo	Public Health and Human Sciences	Stability of Palivizumab in the Gastric Tract
114	Kirstin	Yeomans	Public Health and Human Sciences	Cervical Cancer Prevention in Women Ages 21-65 in the United States