

## Celebrating Undergraduate Excellence

### List by Booth

Booth #	First Name	Last Name	College	Project Title
1	Danielle	Reynolds	Forestry	Beavers For Beavers
1	Rachel	Gilmer	Forestry	Beavers For Beavers
1	Josh	Greenwald	Forestry	Beavers For Beavers
1	Wesley	Noone	Forestry	Beavers For Beavers
2	Rey	Pocius	Engineering	El Vencindario Creativo
2	Nolan	Kelly	Engineering	El Vencindario Creativo
2	Rey	Pocius	Engineering	El Vencindario Creativo
2	Lexi	Sykes	Engineering	El Vencindario Creativo
2	Kelli	Ulep	Engineering	El Vencindario Creativo
3	Matthew	Buss	Engineering	Water Level Monitoring
3	Hanna	Anderson	Engineering	Water Level Monitoring
3	Makenzie	Brian	Engineering	Water Level Monitoring
4	Jensen	Amens	Engineering	Wax Transfer Printing Onto A/E Glass Fiber
5	Benjamin	Appleby	Engineering	Modeling The Contribution Of Polymers In Inkjet Printing
6	Christine	Baker	Engineering	Tsunami Cladding Project
7	Quentin	Harris	Engineering	Non-Ferrous Acoustic Burn Wire Release System Development
8	Ji Yun	Hwang	Engineering	Investigating The Effects Of Titanium Dioxide Nanoparticles On The Antimicrobial Property Of Alkylbenzyltrimethylammonium Chloride
9	Aileen	Murphy	Engineering	Rheological Characterization Of Bovine Intervertebral Discs: A Model For Human Discs
10	Kayla	Nollette	Engineering	Impacts Of Agrivoltaic Systems On Microclimate And Implications For Bioenergy Crops
11	Amy	Olyaei	Engineering	High-Density Non-Fouling Bioactive Coatings: Development And Characterization
12	Khanin	Udomchoksakul	Engineering	Peavy Hall In Vr Experience
13	Kelli Ann	Ulep	Engineering	Importer For Urban Environment Content Creation In A Virtual Reality Application
14	Alex	Sanford	Engineering, Education	Manufacturing Carbon Fiber Shells For Cassie, The Running Robot
15	Kevin	Bishop	Engineering, University Honors	Rapid Prototyping Of 3D Microfluidics Using Low-Cost Materials And Maker Tools

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15	Megan	Co	Engineering, University Honors	Rapid Prototyping Of 3D Microfluidics Using Low-Cost Materials And Maker Tools
16	Stephenie	Wright	Engineering, University Honors	Encapsulation Of Microbes And Primary Substrates For Promotion Of Aerobic Cometabolism Of Chlorinated Solvents In R. Rhodochrous Atcc 21198
17	Jacob	Blessing	College of Earth, Oceanic and Atmospheric Sciences	Confirming The Lowland Creek Volcanic Field Geochronology & Activity Overlying Potential Polymetallic Vein Deposits Of The Mt. Thompson Quadrangle In Sw Montana.
18	Coquille	Rex	College of Earth, Oceanic and Atmospheric Sciences	Adventures In Science
19	Victoria	Scherelis	College of Earth, Oceanic and Atmospheric Sciences	An Investigation Of The Fidelity Of Records Of Past Carbon Dioxide Variations In Greenland Ice Cores
20	Ashley	Harris	Forestry	A Hybrid Database Of Renewable Materials For The Built Environment.”
21	Michael	Belcher	Agricultural Sciences	Characterizing Novel Bacterial Isolates That Can Inhibit The Growth Of Gall-Forming Phytopathogenic Bacteria
22	Jennifer	Belveal	Agricultural Sciences	Resistance To Poison Oak By Drinking Goat Milk? It Might Be In The Small Rnas!
23	Helen	Dillman	Agricultural Sciences	Coding Canine Problem Solving Behavior
24	Alyssa	Ettinger	Agricultural Sciences	Normal And Neoplastic Canine Lymphocytes Express Luteinizing Hormone Receptors
25	Sawyer	Hicks	Agricultural Sciences	Effect Of Diet-Induced Obesity And Smoking On Murine Lung Microbiome
26	Jeremy	Jacobson	Agricultural Sciences	Analysis Of Vegetative Performance Of Transgenic Rnai-Lfy Populus Alba 6K10
27	Jamie	Kennedy	Agricultural Sciences	Electrophysiology Of Immortalized Avpv- And Arcuate- Kisspeptin Cell Lines
28	Lettie	Morse	Agricultural Sciences	Degradation Of Inhibitory Compounds Furfural And Hydroxymethylfurfural By Manganese Peroxidase
29	Christina	Negretti	Agricultural Sciences	Serum And Hair Testosterone Concentrations Do Not Differ In Stallions Between Social Ranks
30	Elizabeth	Puttman	Agricultural Sciences	Natural Resolution Of Postpartum Endometritis In Beef Cattle

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31	Jessica	Roland	Agricultural Sciences	Exploring And Characterizing Pactamycin Biosynthesis
32	Samantha	Roof	Agricultural Sciences	Influence Of Flower Native Status, Color, And Morphology On Visiting Preferences Of Bees In Riparian Areas Of Eastern Oregon
33	Lauren	Smith	Agricultural Sciences	An Evaluation Of Blooming Vegetation Variation On Crab Spider (Thomisidae) Abundance And Diversity In Eastern Oregon Grasslands
34	Angel	Torres	Agricultural Sciences	Analyzing The Incorporation Of Cover Crops On A Tropical Island: Puerto Rico
35	Alexandra	Weiher	Agricultural Sciences	Pcr-Based Analysis Of Chlamydia Genome Hybrids
36	Ashley	Yarbrough	Agricultural Sciences	Aging Giant Pacific Octopus Using Beaks And Stylets For Better Stock Structure Assessment
37	Amita	Kashyap	Agricultural Sciences, University Honors	Long Noncoding Rna In The North American Beaver
38	Zoha	Ahmad	Public Health and Human Sciences	Role Of Milk Proteases In Digestion Of Human Breast Milk In Preterm And Term Infants
39	Amelia	Allee	Public Health and Human Sciences	Mixed Methods Survey Measuring Cultural Competency In Scientific Researchers Working With A Pacific Northwest Tribe
40	Richard	Barlow	Public Health and Human Sciences	Vertical Ground Reaction Forces In Recreationally Active Individuals With And Without Chronic Ankle Instability
41	Annie	Cao	Public Health and Human Sciences	Arsenic And Zinc Induced Changes In Pancreatic Beta Cells
42	Perla	Castillo Palacios	Public Health and Human Sciences	College Students Nutrition Information Study
43	Ashley	Chan	Public Health and Human Sciences	Evaluating Usability And Comfort Of Nasal Sprays
44	Tyler	Chase	Public Health and Human Sciences	Effects Of Low Zinc Status And Arsenic Exposure In Human Monocyte Cells
45	Sydney	Chen	Public Health and Human Sciences	Meta-Analysis Of Long-Chain Omega-3 Polyunsaturated Fatty Acids And The Risk Of Prostate Cancer In Prospective Studies
46	Sol	Dressa	Public Health and Human Sciences	Healthy Places: Creating An App To Determine Environmental Influences On Individuals Health."
47	Erin	Green	Public Health and Human Sciences	The Availability Of State Mental Health Resources And Suicide Rates In The U.S.

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48	Miles	Havard	Public Health and Human Sciences	Safety Voice For Ergonomics (Save): Evaluation Of Text Message Refresher Training Outcomes
49	Nicole	Hobbs	Public Health and Human Sciences	Sexual Health In Female Cancer Survivors: A Survey Of The Existing Literature
50	Liping	Hu	Public Health and Human Sciences	Child Poverty In Oregon From 1980 To 2015
51	Joseph	Lake	Public Health and Human Sciences	Changes In Mother And Child Behaviors After Participation In A Parenting Education Series
52	Ryley	Martin	Public Health and Human Sciences	Identifying Gaps In Competencies Between Graduates And Entry-Level Positions & Improvement Recommendations
53	Aimee	Miller	Public Health and Human Sciences	Efficacy Of A Wellness Focused 'Health Challenge' With Online Tracking To Promote Healthy Behavior Change
54	Erica	Morales Santos	Public Health and Human Sciences	Effect Of Mobile Mammography Experience On Women'S Knowledge Of The Procedure And Future Decisions
55	Whitley	Nelson	Public Health and Human Sciences	Development Of A Method To Quantitatively Measure Arthrogenic Muscle Inhibition In The Peroneals
56	Kaitlyn	Pearson	Public Health and Human Sciences	Raw Product Consumption In Oregon Counties From 2011-2016
57	Luis	Rivera	Public Health and Human Sciences	Current Practices Of Health Care Providers To Address Food Insecurity In Hiv.
58	Colton	Stenger	Public Health and Human Sciences	First Aid And Safety Training For Commercial Fishermen: Implementation And Evaluation
59	Sarah	Sutton	Public Health and Human Sciences	Identifying Capacity Building Priorities Among Faculty Partners At Debre Berhan In Ethiopia
59	Tyler	Boatright	Public Health and Human Sciences	Identifying Capacity Building Priorities Among Faculty Partners At Debre Berhan In Ethiopia
59	Kasey	Gilmour	Public Health and Human Sciences	Identifying Capacity Building Priorities Among Faculty Partners At Debre Berhan In Ethiopia
60	Bergen	Sather	Public Health and Human Sciences, Science, University Honors	Impaired Cytoskeletal Signaling As A Mechanism Of Skeletal Muscle Insulin Resistance
61	Emily	Burney	Public Health and Human Sciences, University Honors	Skeletal Muscle Autophagy Remains Responsive To Insulin Despite The Development Of Insulin Resistance Due To Obesity

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62	Gregory	Heinonen	Public Health and Human Sciences, University Honors	Examining The Relationship Between Parent And Child Health In Young Children With Developmental Disabilities
63	Sarah	Schaffer	Public Health and Human Sciences, University Honors	Relationship Between Mobility And Peer Interaction During An Inclusive Playgroup: Case Report Of Child With Down Syndrome And Typically Developing Brother
64	Elise	Whisler	Public Health and Human Sciences, University Honors	Peak Posterior Ground Reaction Force In Those With And Without Chronic Ankle Instability
65	Zachary	Barry	Science	Error Contribution Of A Discontinuous Ode In A System Of Continuous Odes: Calcite Precipitation
66	Elliott	Capek	Science	Simulating The Dynein Powerstroke Using Brownian Dynamics
67	Richelle	Castro	Science	Intracellular Endocytosis Of Adeno-Associated Virus Particle
68	Trisha	Chau	Science	Investigating The Hydrophobic And Electrostatic Properties Of Fer1L6 Through Liposome Assays
69	Hyun	Cho	Science	Analysis Of Mitochondrial Dynamics Of Chick Embryo Heart With Altered Hemodynamic Forces
70	Devin	Daeschel	Science	Urisc Award Project: Effects Of Incomplete Washing On The Gelling Properties Of Surimi As Affected By Various Heating Methods
71	Theresa	Dinh	Science	Understanding Metastatic Growth Through The Traction Force Of Human Breast Cells
72	Chenchen	Fan	Science	Contrasting Morphologies Of Low And High Elevation Populations Of The Cinnabar Moth ( <i>Tyria Jacobaeae</i> ) In Oregon
73	Graham	Founds	Science	Studying Charge Mobility Of Organic Semiconductors By Using Optical Trapping
74	Jennifer	Kim	Science	Attitudes Toward Disability: The Relationship Between Attitudes Toward Disability And Frequency Of Interaction With People With Disabilities (PwD)Â€
74	Taylor	Locke	Science	Attitudes Toward Disability: The Relationship Between Attitudes Toward Disability And Frequency Of Interaction With People With Disabilities (PwD)Â€
75	Zachary	Konkel	Science	Drugs From Dirt: Antibiotic Activity From Oregonian <i>Aspergillus</i> Sp.

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76	Tamara	Layden	Science	Trematode Parasite Biomass Exceeds Aquatic Insect Biomass In Oregon Streams
77	Tim	Lieberenz	Science	The Effects Of Supercooling On Two Geographically Isolated Populations Of <i>T. Jacobaeae</i>
78	Zhan	Lin	Science	Relationship Between Medial And Lateral Ground Reaction Forces And Self-Report Ankle Function
79	Jared	Malone	Science	Lc-Ms Driven Examination Of In Vivo Xanthohumol Metabolism In Mice
81	Chelsea	Meedom	Science	Micrnas Mir-221 And Mir-181C Regulation Of Liver Tumor Growth And Metastasis In Mouse Progeny From Dibenzo[Def,P]Chrysene Dosed Mothers Fed A Sulforaphane Diet
82	Trevor	Nash	Science	The Adverse Effect Of Light On Aging <i>Drosophila</i>
83	Gabriel	Nowak	Science	The Sidereal Time Variations Of The Lorentz Force And The One-Way Speed Of Light.
84	Jason	Sandwisch	Science	Advances In Gas-Phase Electron Diffraction: Improved Calibration And Study Of 1,1,3,3-Tetramethylcyclobutane And Spiropentane
85	Stephanie	Schulden	Science	Behavioral And Physiological Response To Immune Challenge In <i>T.S. Parietalis</i>
86	Danielle	Stevens	Science	Characterizing The Role Of Fasr In The Regulation Of Virulence In The Plant Pathogenic <i>Rhodococcus Fascians</i>
87	Hannah	Stuwe	Science	Particulate Organic Nitrogen And Chlorophyl A Concentrations Along The Oregon Coast In Relation To Mussel Growth
88	Molly	Svensden	Science	Isolation Of Potential Novel Endospore-Containing Bacteria From Canada Goose Feces
88	Haley	Keillor	Science	Isolation Of Potential Novel Endospore-Containing Bacteria From Canada Goose Feces
89	Juan	Villegas	Science	Directed Nano-Precipitation Into Nanoporous Carbon For Electrolytic Water Splitting Catalysts
90	Hakyong (Ann)	You	Science	Biological-Based Control For Spotted Wing <i>Drosophila</i> , <i>Drosophila Suzukii</i> Using Rnai Technology With Cost-Effective Dsrna

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91	Lorraine	Waiianuhea	Science, Agricultural Sciences, University Honors	Corvid Response To Forest Thinning In The Willamette National Forest: Implications For The Conservation Of The Marbled Murrelet
92	Yen	Nguyen	Science, Liberal Arts, University Honors	Improve Health Communication By Managing Cognitive Load
93	Jesse	Hanson	Science, University Honors	Accretion Disk Dependence On Black Hole Size In Binary Black Hole Mergers
94	Katrina	Hiebel	Science, University Honors	Acupuncture Increases Matrix Metalloproteinase Type-2 Immunoexpression And Tissue Concentration In Bovine Caruncles After Calving
95	Claire	Kiefel	Science, University Honors	Luteinizing Hormone Receptor Expression In The Canine Femoral Head Ligament, Hyaline Cartilage, And Subchondral Bone
96	Emily	Ellis	Science, University Honors	Does The Classroom Experience Differ For Toddlers With Developmental Delays?
97	True	Gibson	Science, University Honors	Increasing The Rate Of An Ideal Bioorthogonal Ligation
98	Connor	Bell	Liberal Arts	Searching For Brad Pitt: An Electrophysiological Study Of Automatic Face Recognition
98	Beatrice	Gnetti	Liberal Arts	Searching For Brad Pitt: An Electrophysiological Study Of Automatic Face Recognition
98	Bianca	Robison	Liberal Arts	Searching For Brad Pitt: An Electrophysiological Study Of Automatic Face Recognition
98	Annabelle	Schulz	Liberal Arts	Searching For Brad Pitt: An Electrophysiological Study Of Automatic Face Recognition
98	Mohamed	Zerrouk	Liberal Arts	Searching For Brad Pitt: An Electrophysiological Study Of Automatic Face Recognition
99	Karisa	Boyce	Liberal Arts	Osu Lactation Facilities Study
100	Sabrina	Bradshaw	Liberal Arts	Does My Robot Make You Nervous? Implications For Long-Term Human Robot Interactions
100	Amber	Fultz	Liberal Arts	Does My Robot Make You Nervous? Implications For Long-Term Human Robot Interactions
100	Amanda	Sebring	Liberal Arts	Does My Robot Make You Nervous? Implications For Long-Term Human Robot Interactions
101	Tia	Collins	Liberal Arts	Cuban Foreign Policy

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101	Erica	Lumianski	Liberal Arts	Cuban Foreign Policy
102	Isadora	Costa Cardoso	Liberal Arts	Students Of Color Photovoice Study
103	Amber	Fultz	Liberal Arts	Can You Accurately Recognize Emotions?
104	Jazlyn	Mitchell	Liberal Arts	Student Perceptions Of Two Versions Of A Campus Sexual Assault Resource Guide
105	Jasen	Phillips	Liberal Arts	Perception Of Methane-Capture-Technology As A Means To Mitigate Climate Change
106	Morgan	Stosic	Liberal Arts	When Shapes Become Human: The Role Of Emotional Intelligence In Anthropomorphism
106	Sydney	Schimelfining	Liberal Arts	When Shapes Become Human: The Role Of Emotional Intelligence In Anthropomorphism
107	Hannah	Whitley	Liberal Arts	Community Reactions To Extreme Weather Events: St. Louis Heatwave, 2012
108	Ashley	Wiebke	Liberal Arts	The Temporal Dynamics Of Visual Attention In Processing Facial Emotion: Whatâ€™S Special About Facial Emotion?
108	Sarah	Griswold	Liberal Arts	The Temporal Dynamics Of Visual Attention In Processing Facial Emotion: Whatâ€™S Special About Facial Emotion?
108	Alyssia	Markovics	Liberal Arts	The Temporal Dynamics Of Visual Attention In Processing Facial Emotion: Whatâ€™S Special About Facial Emotion?
108	Emily	Weber	Liberal Arts	The Temporal Dynamics Of Visual Attention In Processing Facial Emotion: Whatâ€™S Special About Facial Emotion?
109	Jacqueline	Yates	Liberal Arts	Understanding Disability Self-Disclosure And The Impacts Of Visibility And Discrimination
110	Joshua	Zheng	Liberal Arts	Assessing Perceived Discrimination And Its Impact On Female Minority Students
111	Amanda	Sinclair	Liberal Arts, University Honors	Examining The Effects Of Post-Arrest Diversion And Reentry Programming On The Success Of Mental Health Court Participants
112	Amy	Gibson	Liberal Arts	Microbiomes Art Show
113	Koa	Tom	Liberal Arts	Combining Cyanotype And Van Dyke Alternative Photographic Processes
114	Zoe	Clegg	Liberal Arts	Do I Bug You?