

Innovation Center Capstone Design Symposium

Thursday, Dec 10, 2020 as of 11 Nov 2020

	<u>Track 1-KL141</u>	<u>Track 2-KL128</u>	<u>Track 3-KL136</u>	<u>Track 4-KL138</u>	<u>Track 5-KL108</u>
8:00 AM	<u>Global Neighbor - Regenerative Farming - Heating Portion</u> Sean Kapp, Samuel Quaye, Matthew Strunks, Claudia Swinson	<u>Dr. Dickson - Ileostomy Device</u> Kellie Holden, Ashley Kush, Michael Luers, Eva McLaughlin	<u>Collins Aerospace - Fixturing Device</u> John Dougherty, Cameron Lemon, Grant McCalister	OPEN	OPEN
9:00 AM	<u>Global Neighbor - Regenerative Farming</u> John Kunzmann, Matthew Miller, Robert Sawitzke, Elliot Wilson	<u>Dayton Regional Green - BYOG</u> Justin Giss, Nathan Niehoff, Seamus James Wilson, Adam Briscoe	<u>GE Aviation - Inserts for Attachment</u> Joseph Foster, Caleb Lones, Brendan Pohle, Ryan Simkins	<u>P3 LLC - Beverage Cleaning System</u> Peter Degaetano, Andrew Lowis, Kevin Luers, David Norton	<u>Honda - Paint Gun</u> Natalie Fiocca, Gabriel Fornes, Emmett Healy, Paul Mousing
10:00 AM	<u>Go Sustainable - Ohio's Renewable Energy</u> Philip Hawthorn, Zackary Huddleson, Jeremy Neff, Bennan Perrine	<u>Dayton Childrens - Walking Gait</u> Joseph Goetz, Elizabeth Horner, Andrew Ketterer, Ronald Miller	<u>RixaTech- Form Factor Design for Swimming</u> Abdullah Alazemi, Anthony Hentz, Thomas Hopkins, John Zapata	<u>AFRL - APOP Team A</u> Austin Abel, Jack Hoog, Samantha Keane, Cameron Millette	<u>Collins Aerospace - Axial Stiffness</u> Pedro Campos, Paul Nguyen
11:00 AM	<u>Montgomery County - Health & Equity Simulation</u> Claire Frankowski, Gabriel Gaiusbayode, Julia Hunter, Mary Riss	<u>Miami Conservancy - Augmented Reality</u> Ahmad Alansari, Evan Krimpenfort, Harper Miller, William Tabor, Jonathan Tinch	<u>RixaTech - Swim Safety Monitor</u> Liam Budnik, Shannon Hansen, Paige Look, Christina Owad	<u>AFRL - APOP Team B</u> Lucas Calderon, Conor Cunningham, Keegan Wooten	OPEN
LUNCH BREAK					
1:00 PM	<u>UD Heat Lab - Surface Tension</u> Lily Behnke, Matthew Klein, Michael Pakton, Chucheng Yu	<u>Lead Products - Turn and Go System</u> Emma O'Leary, Nicholas Ortega, Carmen Reed, Alexander Yacovoni	<u>Dayton Foodbank - Compost System Discharge</u> William Cox, Emily Jung, William Parker, Abdullah Bin Khatlah	<u>BFA - iOS App</u> Ali Alshwak, Dejuan Marion, Joseph Schemmel, Timothy Shipley	<u>LAB Industries - Bubble Buster</u> Bryant Neal, Allison Svachula, Michael Zawlocki
2:00 PM	<u>Mission of Mary - Greenhouse Interventions</u> Ian Beach, Colin Crews, Travis Grile, John Hoffman	<u>Dayton Foodbank - Rainwater Catchment</u> Ivan Arnaldo Sanchez, Alexander Hein, Quinton Thomas, Jacob Walland	<u>BFA - Central Server</u> Abdullah Alazimi, Katherine Sexton, Dylan Flaute	<u>NOV - Force Measurement</u> Elizabeth Bettuzzi, Trinity Bray, Maxwell Freeman, Christian Wilson	<u>Co-Op Dayton - Mechanical Mycelium</u> Abdulla Alghareeb, James John, Scot Kingan, Joshua Koziel
3:00 PM	<u>Southpaw Enterprises - Sawdust Disposal</u> Ausin Clemens, Engels Imanol Diaz Gomez, Steven Ivec, Philip Negron	<u>Mission of Mary - Barn Food Delivery</u> Katrina Coleman, Emily Germanos, Kyle Pawlikowski, Andrew Willke	<u>BWI Group - Brake Pedal Team</u> Souad Alazemi, Christopher Couture Del Valle, Sophia Palmer	<u>UD ETHOS - STEM Education</u> Carly Becker, James Brill, Emily Burns, John Kirschler	OPEN
4:00 PM	<u>UD Purchasing - GPS for Buckeye Bus</u> Mohammed Alazemi, Ryan Duncan, Dalton Hertel, Griffin Sventy	<u>Wepuko - Hydraulic Test Stand</u> Ethan Elzein, Garrett Merz, Christopher Rose	<u>Aprovecho - Stovetop Hood Vent</u> Will Medved, Emerson Merem, Sergio Pastor, Taylor Zehring	<u>UD DPT - Functional Height</u> Mohammed Saeed Boarish, Nathan Criss, Peter Hadchiti, Brian Pudlo	OPEN
5:00 PM	OPEN	<u>L&J Cable - Weather Seal</u> Joshua Digby, Jacob Hammer, Jeffery Williams	OPEN	OPEN	OPEN

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8:00 AM	<u>HUB- Throttle Exercise Apparatus</u> Garrett Bolton, Nathan Brelage, James Voss, Gavin Wolking	<u>URS - Wheelchair in the Rain</u> Michael Beiser, Tyler Smith, Jack Steele, Andrew Volk	<u>Emerson - Low Pressure Switch</u> Ryan Clarke, Mary Graebner, Michael Gross, Abigail Sander	OPEN	OPEN
9:00 AM	OPEN	<u>URS - Adaptive Walker</u> Hamed Masrouri, Alexa Roberts, Briley Sidor, Clark Smith	<u>Emerson - Relief Valve</u> Thomas Gray, Kaitlyn Hoying, Hawra Hussain Quili, Tyler Sorrell	<u>HUB - Variable Throttle</u> Brandon Poa, Joseph Schlangen, Nicholas Thompson, David Yackzan	OPEN
10:00 AM	<u>URS - Rocking Chair</u> Mary Corrigan, Erick Detweiler, Alexander Like, Casey O'Callaghan	<u>May We Help - Walker</u> Dillon Balk, Elizabeth Musco, Joseph Parker, Zachary Schumm	OPEN	OPEN	<u>Crane ChemPharma - Metal Surface Study</u> Raymond Rigney, Luke Stomberg, Annemarie Trotta
11:00 AM	<u>Hall Hunger - App Development</u> Chrisian Cubacub, Evan Dewine, Kenton Nash, Allen Waltz	<u>URS - Adapted Door</u> Jack Hallagan, Joseph Vicario, Yucheng Xiang, Khaled Alazemi	<u>Brixilated - Lego Sorting</u> Nathaniel Brown, Kyle Mulcrone, Nicholas Ramos, Scott Reighard	<u>HWK: Weed Killer</u> Jeffrey Brown, Kathleen Lehman, Jacob Nguyen, Grant Noll	<u>BenchMark-Phone App</u> Abdullah Alazemi, Robert Gemperline, Matthew Slisko
LUNCH BREAK 12:00 PM					
1:00 PM	<u>AMICS - Agraria Farm Solar</u> Julie Buynacek, Rachel Field, Antonio Giallombardo, Alex Kvech, Jeffrey Lott	<u>URS - Fine Motor Device - Fishing Pole</u> Salman Aljabaa, Austin Andwan, Charles Cheatham, Philip Shook	<u>QL Plus - Assist Each Other App</u> William Blaufuss, Matthew Drake, Raymond Nieport, Jared Puckett	<u>Melink - Phase change Material</u> Timothy Martin, Nicholas Pannunzio, Luke Skobieranda, Vince Wilson	<u>AFRL UAV Automation</u> Leah Henkel, Hannah Kelly, Michael Wenning, Matthew Wookcock
2:00 PM	<u>Hamilton Caster - Powered Cart</u> Abdullah Alazmi, Joe Cloud, Joseph Fusco, Jacob Harrison, Logan Listermann	<u>UD ECE - Autonomous Vehicle</u> Jonathan Hoopes, Patrick Rabbitt, Jonathan Schierl, Daniel Sisler	<u>QL Plus - Cleand and Dry PPE</u> Adrian Duarte, Camden Ives, Madison Lovette, Thomas Noll	<u>Battle Sight Tech - Nightfall</u> David Di Staulo, Grant Santo, Jay Vallie, Colton Whitman	<u>Fluid Quip - Nozzle Redesign</u> Faith Loughnane, Dillion Schimmoeller, Thomas Sebeliski
3:00 PM	OPEN	<u>UD ECE - Marine DNA Analysis</u> Isaac Murrin, Meredith Nortz, Ethan Owens	<u>QL Plus - Mobile Remediation</u> Alexander Duda, Caroline Ellis, Elliot Madison, Alexander Slicer	<u>IC Data Acquisition</u> Calvin Callahan, Grace Culpepper, Brianna Dooley	OPEN
4:00 PM	<u>Siemens - Smart Infrastructure</u> John Baker, Chloe Billig, Katie Devictor, Nathaniel Rafter	OPEN	<u>QL Plus - Kayak See Behind</u> Jared Dejonckheere, Lanna Klausung, Adam Miesle, Zachery Sadowski	OPEN	OPEN
5:00 PM	<u>UD Psychology - At Home Tablet Assessment</u> Aaron Abele, John Marvel, Joseph Miller, Duong Nguyen, Peter Rozewicz	OPEN	OPEN	OPEN	OPEN