KNOWLTON CENTER - FIRST FLOOR PLAN
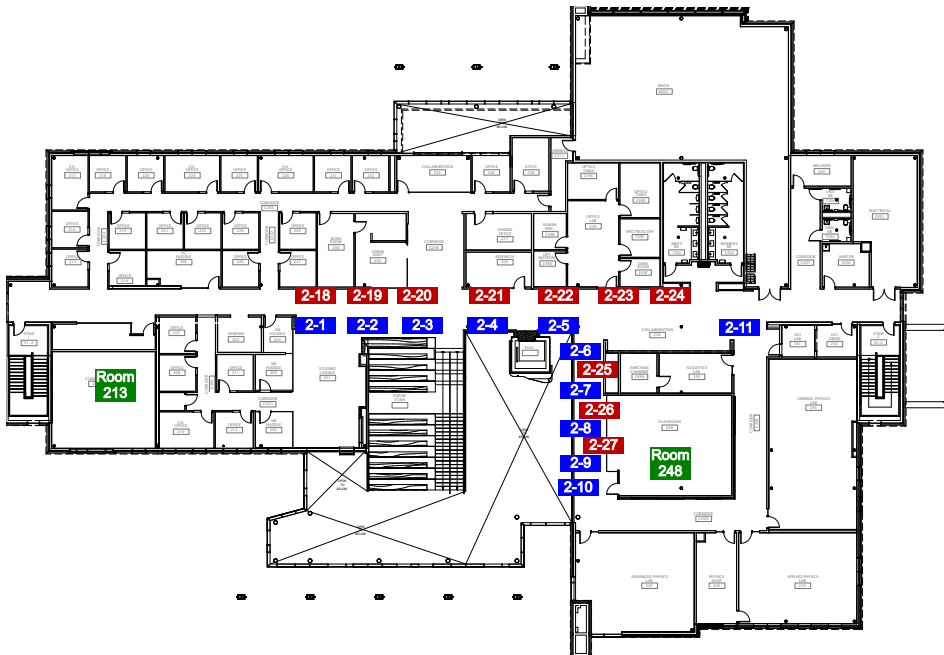
KNOWLTON CENTER - SECOND FLOOR PLAN

BW
BALDWIN WALLACE UNIVERSITY
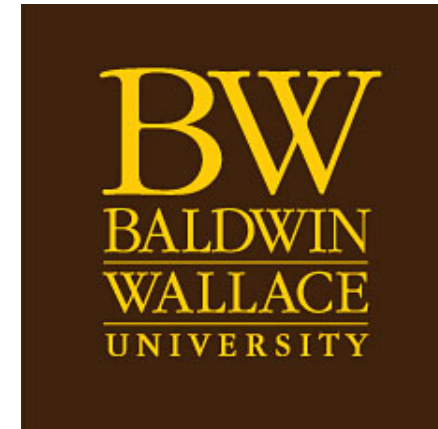
CEMS Showcase 2025

Baldwin Wallace University
School of Science and Engineering

December 4th, 2025

7-9 PM

7 − 8 Demos

Room	Title	Students
Data Vis	Pet Simulator	Powers, Hassert
Data Vis	Choose Your Own Adventure Game	Judge, Camarati, Cortes
Data Vis	Lava Lamp	Seredick, Haviland, Sibely
Data Vis	Pi Plant	Paoletta, Petrencsik, Dettmer
Know 106	Don't Fall In!	Trinetti, Bauer
Know 106	Wage Calculator	Murdock, Haklaj, Byrd
Know 106	Scratch Soccer	Duran, Rai, Watkins
Know 106	Flappy Bird in Scratch!	Abdallah, Miller
Know 106	Rock, Paper, Scissors	Matier, Williams, Villela
Know 106	The Book Generator	Hassert
Know 106	Fantasy Formula One Team Builder	Camarati
Know 106	Polynomial graphing calculator	Willet

Presentations

Time	Room	Title	Students
7:10-7:20	Know 108	Face Shape Hairstyle Identifier	Fishman
7:25-7:35	Know 108	Effluent Assessment & Reporting: Port of CLE	Palos, Roman, Horvath
7:40-7:50	Know 108	Marine Energy (BW MECC)	Powell, Aspinall, Calton, Wodzisz, Koerber
8:00-8:10	Know 108	Tunnel-Ready Elements	Rodak, Smith, Mihok, Woods, Gerber, Smith
8:15-8:25	Know 108	Generating a Password	Williams
7:10-7:20	Know 112	Antioxidants in NA Beers	Nagy
7:25-7:35	Know 112	Budgeting	Martinez
7:40-7:50	Know 112	Character Sorter	Hodzic
8:00-8:10	Know 112	Mini Quiz / Flashcard App	Girgis
8:15-8:25	Know 112	Effects on Medical Costs	Meehan

7 − 8 Posters

Map	Title	Students
1-1	Highway On-road Lighting System	Armstrong, Gomez
1-2	Volleyball Data Visualization	Kim
1-3	Safe & Accessible Community Cycling	Frye, Masa
1-4	Localization of the BCAA Catabolic Pathway	Trill
1-5	Berea-Midpark Project Lead the Way	-
1-6	Polymer Testing	Bransford, fourtounis, allan, bonnell
1-7	Diving Sparger System	Mitzel, Winchell, Abbey
1-8	Cost-Effective E-Scooter Delivery	Dorris, Ghering
1-9	Medical Records Software Partnership	Lander, Loescher, Rector, Torres, Redmond, Steinitz, Light
1-10	Safer Design for Bagley Road Crosswalk	Castner, Beggs
1-11	Innovative Solution of Train Braking	Fielder, Hamad
1-12	Polymer Only Molds in Comparison	Valley, Horrisberger, Gibbons, Awad
1-13	Concussion Education App	Mast, Tarquinio
1-14	Stock Dashboard	Paredes
1-15	Adidas Product Statistics	Heyse, Barno
1-16	IMDB's Top-Rated Movies	Blazetic, Ryser, Burke
1-17	Major League Soccer: Salaries and Performance	Vasko, Coon
1-18	Medical Insurance costs	Potopsky, Meehan
1-19	Analyzing TED Talks: Audience Trends	Cubbison, McCauley
1-20	Modeling Urban Bike Rental Demand	Mazor, Horvath
1-32	Animal Shelter Population Prediction	Lanza, Shipley, Schwarz, Pallotta, Waters, Cubbison, Hebovia, Walker, Fisher, Miller, Rogonjic
2-1	Ideal Weight, Calories, BMI, and Protein	Holubek
2-2	Sleepgraph	Hatfield
2-3	Heat & Lane Picks for Swim Meets	Slife
2-4	High School Football Stats	Knox
2-5	Soccer Match Simulator / Standings Generator	Skladany
2-6	Program to Recommends Springboard Dives	Mincey
2-7	Random Food Picker and Calorie Tracker	Hudelson
2-8	Estimating Using the Monte Carlo Method	Kozubiak
2-9	Caregivers of Older Adults with Type 1 Diabetes	Abed
2-10	Modeling Player Effectiveness	Teran
2-11	Third Usability Evaluation of the Ritter Library	Yoder, Brick, Mamus, Herrera, Mlecik, Pshonyak, Carver, Lesko

8 − 9 Posters

Map	Title	Students
1-21	Analysis of Top Universities from 2021-2023	Hettiarachchi, Housel, Cremers
1-22	Honda Car Sales	Jergens, Hataway
1-24	X Pattern Fibers in a Rubber Composite	Moyers, Huynh, Keller
1-25	Therapies for Neuroinflammation	Castro, Alvernia, Abdullah, schulz, Higgins, Bolarinwa, Miranda
1-26	Forest Diversityin Cleveland Metroparks	Melton
1-27	Stress and Strain of a Fiber-Reinforced Polymer	Vucenovic, Dunkin, Mahachanh
1-28	Predictive Cues in VR & Flat-Panel Displays	Gossett, Brigger, Dunlap, Selby, Lander, Bacho
1-29	Balanced Incomplete Block Designs	Zabarsky
1-30	AI Prediction of Best Tech Major for You	Pshonyak
1-31	Inventory & Workflow System for Mission Guatemala	Shepard
1-32	Animal Shelter Population Prediction	Lanza, Shipley, Schwarz, Pallotta, Waters, Cubbison, Hebovia, Walker, Fisher, Miller, Rogonjic
1-33	Polymer & Fiber-Reinforced Composite Analysis	Jones, Long, Cook, Arendt
1-34	Program to Choose Best Car	Armstrong
1-35	Melbourne, Australia Property Sales	McClardy, Baskerville
1-36	NBA Data Analysis	Norris, Khoury, Pfiffer
1-37	Elden Ring Player Reviews on Steam	Gutierrez, Abraham
1-38	Telecom Customer Churn Analysis	Denall, Jasinski
1-39	Why are Diamonds so Expensive?	Dimos, Zaroual
1-40	Video Game Sales from 1980-2020	Blahovec, McClorey
2-18	Entrepreneur Business Calculator Phase I	Watkins
2-19	Interactive Stock Dashboard	Small
2-20	Pawlytics: Pet Adoption Budget Simulator	Mazor
2-21	Practice vs. Study Habits: Puzzle Performance	Baer
2-22	Playing Football Code	Mast
2-23	BMI Calculator in Python	Villela
2-24	Meal Plans for Athletes	McKee
2-25	Pedometer	Frye
2-26	Baseball Starting 9 Selective	Jergens
2-27	Superoxide Dismutase Expression	Fairchild