

**GCI Spring Showcase
May 15, 2020**

1:00 - 1:30 p.m.	Student Q&A Session I	
	Teams	Meeting IDs
	Police Duty: A Drunk Driving Detection Simulation	998 8467 5799
	Martian Alfalfa Experiment	950 5673 2176
	Recycling Plastic Waste with a 3D Printer Filament Extruder	976 9072 3378
	Using Permeable Concrete as a Solution for Urban Runoff and Flooding	941 8103 6121
	Assessing Sexual Health Awareness Among Chapman Students	938 4757 7977
	Ghost Shrimp and Polystyrene, Investigating the Ingestion and Breakdown of Microplastics	925 3304 8116
	Creating a Less Addictive Opioid using Computational Chemistry	735 587 6419
	Reducing Household Food Waste	922 6741 5996
	Early Wildfire Detection Using a Raspberry Pi Smoke Sensor	926 4360 1601
	Nutrition and Fitness on the Chapman Campus	913 0006 0630
	Prevention of Massive Blood Loss in Traumatic Lacerations: Is Hagfish Slime the Answer?	925 5616 7915
	Scaled-Down Centralized Autonomy	998 8534 0296
	An Analysis of Effects of VR Exercise on Physical and Mental Health	979 9100 3229
	How to Build a 3D Printed Laptop	945 6837 8903
	Crafting a Better GCI: Why don't teams stay together?	956 0891 6463
	Carbon Emissions from Online Instruction	992 3984 4092
	Water Filtration Using Biofilms	949 4571 6413
	Panther Pickup Application	990 8924 9283
	Neonatal Hydrostatic Weighing	976 2449 4306
1:30 – 2:00 p.m.	Student Q&A Session II	
	Teams	Meeting IDs
	Parallax - A Virtual Reality Tool for Teaching Astronomy Concepts	922 1299 2508
	What's Better, Fresh Air or Keck's Air? Comparing Indoor and Outdoor Air Quality	928 6429 6676
	Combating Ocean Acidification via Chemical Manipulation and Photosynthetic Aquatic Plants	961 7578 4678
	Alchem VR	982 9256 8387
	Using a data-driven algorithm to assess website credibility and inform the public of fake news	932 4588 2767
2:00 – 2:30 p.m.	Student Q&A Session III	
	Teams	Meeting IDs
	Non-Epileptic Seizures: A Case Report	933 2408 1023
	3D Printed Water Filters	933 3070 5832
	Duck curves & flywheels: Solving the energy crisis with mechanical energy storage	948 4644 7762
	You're a Terrible Driver: Fostering Confidence in Autonomous Vehicles	934 1658 3748
	Wave Ahead of the Energy Crisis (Wave power generator)	936 4804 9038
	Simulating Dark Matter in the Universe	930 0341 4114
	Educating Chapman University about Air Quality	937 9934 2728
2:15 – 2:45 p.m.	Student Q&A Session IV	
	Teams	Meeting IDs
	Improving Foster Parent Retention through Effective Training: Attachment Theory	962 1305 3410
	Detecting Microplastics in the Environment with Fluorescence Spectroscopy	964 5333 9108
	Plastics: The Good, the Bad, and the Alternatives	997 3363 7054
	Possible Solutions to Global Water Contamination	921 6279 6297
2:45 p.m.	Poster Awards and Honors	927 6794 8405