Wireless Transmission of Traffic Images
Brian Arthur, Smeet Chheda, Rose Goldfarb, Ryan Norenberg (T.Linder)

Image Communication from Wildlife Conservation Cameras
Timothy Liu, Mitchell Fillmore, Patrick Wilson, William Jackson (T.Linder)

Data Compression via Nonlinear Transforms using Artificial Neural Networks
Ariana Bakhtyari, Michael Barrack, Jonah Beber, Brock Macdonald (T.Linder)

Data Compression via Nonlinear Transform Coding using Artificial Neural Networks
Spencer Hill, Wylie Schenkman, Jordan Curnew, Mark Benhamu (T.Linder)

Design of a Smart Morphing Surface for Lift Optimization of Wind Turbine Blades in a Low Wind Speed Environment
Mattia Bacchelli, Kaija Edwards, Vaughan Love (G. Mazzone)

The Use of Tuned Liquid Dampers in Airport Tower Stabilization
Sana Ahmad, Girisa Maharaj, Yutong Lan (G.Mazzone)

Optimal Design of a Vibration Energy Harvester for Wave Power
Michael Geale, Gabrielle Janfield, Alessia Panzica, Jenna Whitehead (G.Mazzone)

Optimal Design of a Vibration Energy Harvester
Ari Fialkov, Daniel Harrington, Michael Oyhenart, Tommy Schmidt (G.Mazzone)

Control System Design for Mobile Aquaculture Cage
Alex Rodriguez, Jameson Smith, Noah Sanci, Andrea Sorokine (M. Mohebbi)

Structure of Mobile Aquaculture Cages.
Willow Cherny-Bayer, Nicholas Eto, Joran Hayes, Chris Metzler (M. Mohebbi)

Structural Design of an Autonomous Aquaculture Cage
Eric Woodward, Marty Fay, James McCarron, Xavier McMaster-Hubner (M. Mohebbi)

Optimizing a Portable Concentrator Photovoltaic Unit
Luca Gebauer-Barrett, Jacob Nadal, Alistor Salmon, Hana Turcke (M. Mohebbi)

Concentrator Photovoltaic Unit for Telecommunication Repeater Stations
Peter Danilin, Ryan Turnbull, Katherine Whyte, Alison Wong (M.Mohebbi)

Optimal Distribution of Nurses During a Pandemic using Q-learning
Gillian Atack, Reece Fuller, Mackenzie Gilewicz, Jinyuan Yang (S. Yuksel)

Optimizing Insulin Treatment for Type I Diabetics:A Reinforcement Learning Approach
Benjamin Armstrong, Daniel Martin, Ryan Simpson, Emma Stickley (S.Yuksel)

Deep Learning Algorithm to Predict Pediatric Risk of Serious Infection Proceeding CVL Insertion
Philip Basaric, Andrew Jung, Sarah Morrison, Jonathan Kidd (Y.Tian & D. Lin)