LIST OF CSD STUDENTS SUPERVISED

2011F
ERMA-X Self Navigating Rover
Department: Electrical & Computer Engineering
Project Participants: Anabell Shimono, Joseph Javier, & Tam Kim
Instructor: Dr. Paolo Ginobbi
Faculty Advisor: Dr. Venkatasan Muthukumar

2012S
Banana Box
Department: Electrical & Computer Engineering
Project Participants: Alan Carreño, Zeeshan Mohammad, Gabriel Nuer
Instructor: Brandon Blackstone
Faculty Advisor: Venki Muthukumar

Localization and Navigation
Department: Electrical and Computer Engineering
Project Participants: Michael Harris, Neil Ocampo, Ashley Dimang
Instructor: Brandon Blackstone
Faculty Advisor: Dr. Venki Muthukumar

Retrofit Hybrid Solution
Department: Electrical & Computer Engineering
Project Participants: Jeremy Feliciano, Derek Joiner, Richard Ryan
Instructor: Brandon Blackstone
Faculty Advisor: Dr. Yahia Baghzouz
Technical Advisor: Dr. Venkatesan Muthukumar

2012F
Three-Dimensional Scanner
Department: Electrical and Computer Engineering
Project Team: 3D EleMnt
Project Participants: Morris Ben-Aouicha, Chequala Fuller, Sung-Jae Oh, Christian Vega
Instructor: Dr. Ke-Xun Sun
Faculty Advisor: Dr. Venkatesan Muthukumar

2013S
The Reactor
Department: Interdisciplinary
Project Team: BRiNK
Project Participants: Niloufar Afhani, Ron Bohne, Brian Corpuz, Khoa Vo
Instructors: Mr. Brandon Blackstone, Dr. Zhiyong Wang
Faculty Advisors: Dr. Venki Muthukumar, Dr. Mohamed Trabia, Dr. Woosoon Yim
Technical Advisor: Terry Kell
Solar Powered Pool Skimmer  
Department: Interdisciplinary  
Project Team: APSG (Automated Pool Skimmer Group)  
Project Participants: Luis Gallegos, Alfred Johnson, Tyler Nickerson, Russell Wells  
Instructors: Mr. Brandon Blackstone, Dr. Zhiyong Wang  
Faculty Advisors: Dr. Robert Boehm, Dr. Venki Muthukumar

Eco Pump  
Project Team: Green Team  
Department: Electrical & Computer Engineering  
Project Participants: Jimmy Benoit, Aleksandar Jovkovic,  
Instructor: Dr. Ke-Xun Sun  
Faculty Advisor: Dr. Venkatesan Muthukumar

Emergency Vehicle Warning System  
Department: Electrical & Computer Engineering  
Project Participants: Abel De La Torre, Ting Yu  
Instructor: Dr. Grzegorz Chmaj  
Faculty Advisor: Dr. Venkatesan Muthukumar

Automatic Shifter for Bicycles  
Department: Electrical & Computer Engineering  
Project Participants: Michael Kajkowski & Matthew Mumm  
Instructor: Grzegorz Chmaj  
Faculty Advisor: Dr. Venki Muthukumar

Samurai Belt Cutter  
Department: Interdisciplinary  
Project Participants: Dominic Fossile, Vincent Ibanez, Yun Long Lan, Jonathan Lee, Erwin Sacundo  
Instructor: Dr. Grzegorz Chmaj, Dr. Zhiyong Wang  
Faculty Advisors: Dr. Venkatesan Muthukumar, Dr. Terry Kell

Road Sign Detection  
Department: Electrical & Computer Engineering  
Project Participants: Kendrick De La Pena, Christian Larco  
Instructor: Dr. Grzegorz Chmaj  
Faculty Advisor: Dr. Venkatesan Muthukumar
LIST OF CSD STUDENTS SUPERVISED

2015S
Autonomous Object-Finding Robot
Department: Electrical & Computer Engineering
Participants: Mathew Parker, Justin Swinney, Ian Yanga, Ashim Ghimire
Instructor: Dr. Grzegorz Chmaj
Faculty Advisor: Dr. Venkatesen Muthukumar

Smart Directional Control of Vehicle AC Vents
Department: Electrical and Computer Engineering
Project Participants: Elizabeth Baldivias, Aaron Romulo
Instructor: Dr. Brandon Blackstone
Faculty Advisor: Dr. Venkatesan Muthukumar