**Entries for the Mandles Prize**

 An Analytical Study of the Drag Characteristics of a Hydrofoil Supported Catamaran
 Basak Ulker
 Florida Institute of Technology
 Degree: M.S. – May 2014
 Faculty Advisor: Prasanta Sahoo

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| On the Design, Construction and Testing of  a Fully-Submerged Canard Hydrofoil System for a Low-speed Solar BoatNeola Putnam, Gregory Dickert, Caleb Wagner Cedarville University Degree: BSME – May 2013Faculty Advisor: Dr. Timothy Dewhurst  |
| Consideration of Upwash-Induced Interference Effects in the Design of a Self-Stabilizing Tandem Hydrofoil VesselToby DewhurstCedarville UniversityDegree: B.S. – December 2009Faculty Advisor: Dr. Timothy Dewhurst  |
|  HyPR – Hydrofoil Rowing Boat Project Max Ludwig Knoetig and Linda Ahnen ETH – Zurich, Switzerland Degree: Dipl. Physics – April 2012 Faculty Advisor: Dr. Adrian Biland  |
| Design and Assessment of a Super-High Speed, Hybrid Hydrofoil /SWATH Crew Boat Vasileios Georgiadis, Leon Faison, Kyle Miller Massachusetts Institute of Technology Degree: Nav. Eng., M.S. Eng. – June 2014 Faculty Advisor: Stefano Brizzolara  |
| Application of a T-Hydrofoil for Performance Enhancement of an Ultra-Light Displacement Sailing BoatAlexander BriggsAustralian Maritime College, UTAS, TasmaniaDegree: PhD. – October 2016Faculty Advisor: J. R. Binns  |
| Speed Sailing Design and Velocity Prediction Program Dane Hull Australian Maritime College, UTAS, Tasmania Degree: B.S. Eng. – November 2011 Faculty Advisor: J. R. Binns  |
| Can a Flapless Hydrofoil Provide a Realistic Alternative to a Standard Moth Foil With a Flap?James Mackenzie Australian Maritime College, UTAS, TasmaniaDegree: B.S. Naval Architecture – December 2013Faculty Advisor: J. R. Binns  |
|  Hydrofoil Assisted Sport Fisher Matthew Guenther, Uihoon Chung, Mark Mallett, Ryan Britt Stevens Institute of Technology Degree: B.S. Naval Engineering – May 2014 Faculty Advisor: Raju Datla  |
| The Grounding Survivability of Hydrofoil Passenger Vessels Darren Duarte University of New South Wales, Australia – School of Mechanical and Manufacturing Engineering Degree: Bachelor of Engineering (Mechanical) /Bachelor of Science (Psychology) – March 2011Faculty Advisor: Phillip J.Helmore  |