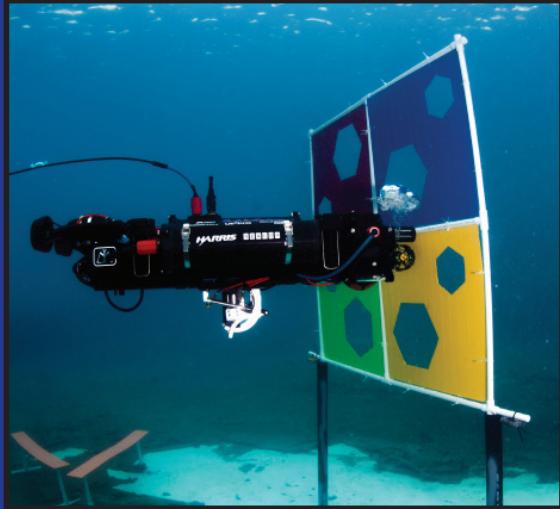




Machine
Intelligence
Laboratory



SubjuGator



NaviGator



PropaGator



CongreGators

***Sea,
Air &
Land***

MIL Covers the Spectrum

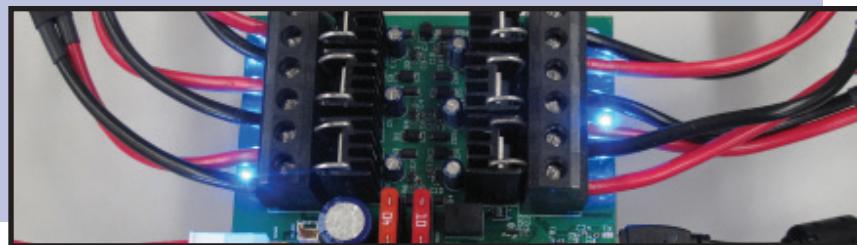
Machine Intelligence Lab

www.mil.ufl.edu



With over 30 students spanning multiple disciplines, the University of Florida's (UF) Machine Intelligence Laboratory (MIL) provides a synergistic environment dedicated to the study and development of intelligent, autonomous robots.

Applications of MIL research include autonomous underwater vehicles (AUVs), autonomous water surface vehicles (ASVs), autonomous ground vehicles (AGVs), autonomous air vehicles (AAVs including quadcopters and hexcopters), swarm robots, humanoid robots, and autonomous household robots.



Community Outreach

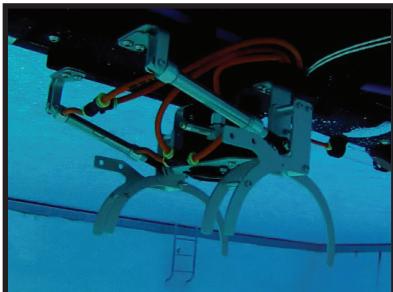


MIL has participated in various outreach programs focused on inspiring students to pursue engineering careers or other STEM (Science, Technology, Engineering, and Mathematics) through programs including lab tours and demonstrations, open demonstrations at UF for the community, community seminars, hands on K-12 school demonstrations, and summer robotics camps.

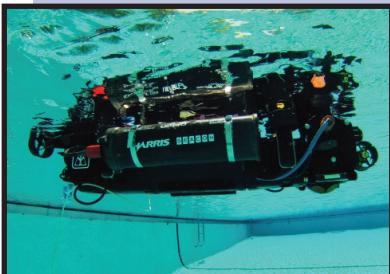
Projects

MIL teams include students from the Department of Electrical and Computer Engineering, Mechanical and Aerospace Engineering, and the Department of Computer and Information Science and Engineering.

SubjuGator



SubjuGator is an autonomous underwater vehicle project designed and built by students of UF's MIL.



MIL's teams have participated in the Association for Unmanned Vehicle Systems International (AUVSI) underwater vehicle (RoboSub) competitions since its inception in 1998. We have placed in the top 3 eleven times, including first place in 2005, 2006, and 2007, and second place in 2012, 2013, and 2014.

www.SubjuGator.org/

PropaGator



PropaGator is an autonomous surface vehicle project designed and built by students of UF's MIL.



In July of 2013 the team participated for the first time in the AUVSI's surface vehicle (RoboBoat) competition and won. Pictured is our 2014 entry, which placed 2nd in the competition and won the best design award.

www.mil.ufl.edu/ProgaGator/

CongreGators



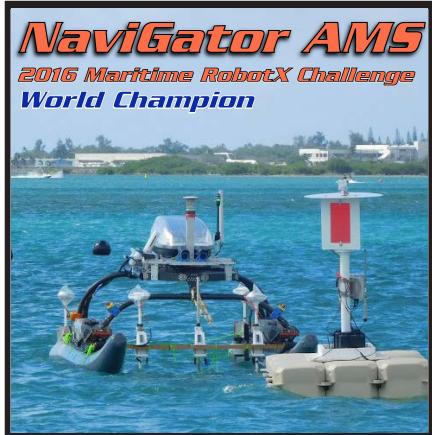
CongreGators is an autonomous heterogeneous swarm of autonomous ground and air vehicles used for research into cooperative robotics. Research focuses on developing modified commercial off-the-shelf (COTS) hardware and open source hardware and software. Applications include using the swarm in search and rescue and other real world scenarios.

www.mil.ufl.edu/CongreGators/

NaviGator AMS

Our newest team, NaviGator AMS (Autonomous Maritime System), competed for the first time at the 2016 Maritime RobotX Challenge in Oahu, Hawaii. We won the competition and hope to defend our title in December 2018!

At Competition



NaviGator ASV is an autonomous surface vehicle, created as part of the NaviGator AMS project for the RobotX Challenge, using the required WAM-V (from Marine Advanced Research, Inc).

AUVSI and ONR donate the WAM-V to MIL. MIL teamed with UF's CIMAR (Center for Intelligent Machines and Robotics) to spend one year to turn the un-equipped boat into an autonomous system that performed admirably against teams that competed in the prior competition in October of 2015. Our team consisted of 18 students, every one of which were critical to our success. The team included three freshmen.

www.NaviGatorUF.org/



UF Championship Team



SPONSORSHIP LEVELS	PATRON \$100,000+	DIAMOND \$15,000 to \$100,000	PLATINUM \$10,000 to \$15,000	GOLD \$5,000 to \$10,000	SILVER \$1000 to \$5,000	BRONZE \$100 to \$1000	SUPPORTING <\$100
Door Plaque							
*Lab Naming Rights							
Logo on all Robots							
Publicity							
**Logo on a Robot							
Banner							
Logo on Web							
Report							

*Negotiated with the UF development office

**Size on logo commensurate to donation amount

Door Plaque: Official MIL sponsor for all projects for 3 years and plaque on lab door (MAEB 325)

Lab Naming Rights: Possible lab or project naming rights (to be negotiated with UF Development Office)

Logo on all robots: Company logo on vehicles and all other lab projects

Publicity: Opportunity to utilize team and vehicles for publicity purposes

Banner: Company logo listed as corporate sponsor on banner at competition

Logo on a robot: Company logo on a vehicle

Logo on web: Company logo listed as a corporate sponsor on all MIL project websites

Report: Copy of project report upon request

Donate by Credit Card

To donate by credit card, goto the website: <https://tinyurl.com/MIL-donation>

Sponsorship Form *(for donation by check)*

To donate by check, complete this form: https://www.mil.ufl.edu/sponsorship_form.pdf

Donation Letter *(for donation by check)*

Due to various university policies, a letter with the following (or similar) text should accompany any donation. Donations should be made out to the **University of Florida Foundation**.

Group or Your Name

May 18, 2017

University of Florida Foundation, Inc
Director of Records
PO Box 14425
Gainesville, FL 32604-2425

To whom it may concern:

The enclosed donation of \$XXXX, made out to the **University of Florida Foundation (UFF)**, is for unrestricted support for the Machine Intelligence Lab (MIL) [and the selected project, if any]. Dr. Eric Schwartz can use this donation in any way that he deems would be helpful to the MIL and its teams. I understand this is a tax deductible donation (since the UFF is a 501(c) (3) non-profit organization) to support these activities at UF.

Sincerely,
Your signature (if possible)
Your name