MIL Covers the Spectrum

Machine Intelligence Laboratory

SubjuGator

PropaGator

Sea, Air & Land

MIL Covers the Spectrum
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.

Community Outreach

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.

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/PropaGator/

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/
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<th>Platinum $10,000 to $15,000</th>
<th>Gold $5,000 to $10,000</th>
<th>Silver $1000 to $5,000</th>
<th>Bronze $100 to $1,000</th>
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* 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
Sponsorship Form

Donor’s (or Organization Contact’s) Name: ________________________________

Organization’s Name: _________________________________________________

Mailing Address: ________________________________________________________

City: ___________________ State: ________ Zip code: _______________________

Phone Number: _________________________________________________________

Organization’s Website: ________________________________________________

(Please email or provide link for your organization’s logo for our website, banner, and vehicle)

What is the amount of your gift?

(Please make checks payable to the University of Florida Foundation and attach this page and the next page)

If other than monetary (e.g., frequent flyer miles, hardware, software, etc.), please describe your gift: _____________________________________________________________

Do you require a charitable donation receipt? YES NO

Donations Designations(s): [Please check one or more]

☐ MIL (general use) ☐ PropaGator

☐ SubjuGator ☐ CongreGators

Donor Signature ___________________________ Date ___________________________

Please return this form and the following page to:
Dr. Eric M. Schwartz
633 Gale Lemerand Drive
321 MAEB, Building 720
Gainesville, FL 32611-6300

If you have any questions, please contact our faculty advisor:

Dr. Eric M. Schwartz
(352) 392-2541
ems@mil.ufl.edu
http://mil.ufl.edu/ems

Also online at www.mil.ufl.edu/sponsorship_form.pdf
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**

August 16, 2013

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

Also online at www.mil.ufl.edu/donation_letter.pdf