



## 2011 BOTFEST Team Information and Scholarship Application

**Application Due Date: November 30, 2010**

School/ Team Name:	Town:	State:	Date:
Check one: <input type="checkbox"/> Public/Private/Charter School <input type="checkbox"/> Home School			
Age Level: <input type="checkbox"/> Elementary <input type="checkbox"/> Middle <input type="checkbox"/> High <input type="checkbox"/> Other: _____			
Name of Team Leader: _____		Team Leader Email: _____	
Phone (indicate cell/phone/home) _____			
Person Completing this form (if different from above): _____			
Is this a new team this year? Yes <input type="checkbox"/> No <input type="checkbox"/>			
Previous STEM Activities: <input type="checkbox"/> UML Fall Workshop 2010 <input type="checkbox"/> STREAM 2010 <input type="checkbox"/> UML Fall Workshop 2009 <input type="checkbox"/> STREAM 2009 Other: _____			
Have you received scholarship funding from UML for the Botfest Program in the past? Yes <input type="checkbox"/> No <input type="checkbox"/>			
If yes, when? _____		Description of items received:	
What did you do with the scholarship materials? Also indicate additional plans you have, if any: (Programs started, exhibit at Botfest, etc.):			

**A. Describe your educational goals for the Botfest program.**

**B. What is the estimated number of students participating on your Botfest team?**

**C. How do you plan to recruit students?**

**D. Planned Outreach Efforts:** We encourage community outreach with your Botfest robotic projects. Some examples might include: demonstrations for community or school organizations, public events, etc. Please tell us about planned efforts to provide community outreach.

**E. Other Robotics Activities:** Please indicate if you plan to participate in any other robotic events this year, such as Botball, First Lego League, other exhibitions/competitions, etc.

**F. Please indicate here which materials (e.g. catalog #'s) you would like us to order for you. Scholarships are in the range of \$100-300. Supplies will be distributed to you at the January 29 workshop. If your scholarship application is awarded, this would constitute your award. Depending upon the number of requests approved and funds available, we may ask for a small contribution toward the cost, payable at the January workshop. You will be alerted to any costs when we notify you of the scholarship status in mid-December. If you are not sure what materials would best suit your particular program, please send a description of your activities in an email to: [robots@cs.uml.edu](mailto:robots@cs.uml.edu). Mention that you plan to apply for the Botfest scholarship.**

\_\_\_\_\_ The exact supplies for robotic vehicle used at the November workshop.  
Approximate cost to build this vehicle is \$300. Soldering and assembly is required.

\_\_\_\_\_ LEGO Mindstorms NXT  
legoeducation.com

\_\_\_\_\_ LEGO WeDo  
Legoeducation.com

\_\_\_\_\_ Handy/Super Cricket  
gleasonresearch.com

\_\_\_\_\_ Parallax Basic Stamp  
parallax.com

\_\_\_\_\_ Arduino 2009  
sparkfun.com see also: adafruit.com

\_\_\_\_\_ Other: Please provide ordering details

**G. Budget Plan.**

Please indicate which materials you plan to purchase and any other financial resource you expect to have available:

Approximate cost of supplies to be ordered (total cost – approx. cost for supplies we order and supplies you order on your own): \_\_\_\_\_

Amount of funds you will supply for purchases:  
(Indicate source) \_\_\_\_\_

Amount of scholarship requested: \_\_\_\_\_

## Scholarship Recipient Requirements

1. The intent of scholarships is to jump start robotic educational programs. We hope that recipients are able to reuse their supplies and develop separate funding sources for future years.
2. A team leader is expected to attend the educational workshop that will be held on Saturday, January 29 at UMass Lowell. If the scholarship is approved, your project order will be delivered to you at this workshop, allowing hands-on robotic practice at that time.
3. **It is suggested that teams meet at least 10 times for two hours from signup to the Botfest Exhibition.**
4. **Teams (a teacher and a minimum of two students) are expected to attend and display a project at the Botfest Exhibition on April 9, 2011. Note: if your team will not be entering a project in the exhibition, you will be required to notify UMass Lowell at least 7 days prior to the exhibition. You may be required to return all the materials, so that we may give them to another school.**

I have read the above and agree to fulfill team obligations for participation and the return of materials, if necessary, and to abide by the terms of the scholarship requirements.

Name \_\_\_\_\_

Date \_\_\_\_\_

Please review the following when completing the scholarship application process:

1. Completion of this form indicates a commitment to establish team that will display a robotic creation at the Botfest exhibition on April 9, 2011.
2. Attendance at the January 29 workshop is mandatory, unless prior arrangements are made.
3. For optimal educational enrichment, it is suggested that all teams meet at least 10 times (or 20 hours total) before the exhibition.
4. **This form must be returned by November 30, 2010.**
5. Please scan and email, or fax completed applications to: [pprocter@cs.uml.edu](mailto:pprocter@cs.uml.edu) Fax-978-934-3551, address fax to Phyllis Procter. Forms may also be mailed: Phyllis Procter, Computer Science Department, Olsen Hall, 1 University Ave., Lowell, Ma. 01854.
6. If you have any questions you can call Phyllis at 978-934-3625.
7. Please take a few minutes to talk with your school administration about your team's participation in the Botfest program, as a way to garner support for program growth.

**We will notify you by December 10 to let you know the scholarship status.**