



Oregon Robotics Tournament and Outreach Program

Opening Doors to the Worlds of Science and Technology for Oregon's Youth"

www.ortop.org



ORTOP Program Outcomes

- Oregon's *FIRST* LEGO League program with 438 teams ranks nationally in the top five for largest program per capita (3rd), most teams per state (5th), most teams per FLL Partner Region (2nd) among 65 regions in 50 states. Since 2001, Oregon's FLL program has grown 654%.
- Last year Oregon's *FIRST* Tech Challenge program grew by 74% (43 to 74 teams) and increased to 29% girls and maintained 16% underrepresented minority youth. Ranks 3rd in number of teams per state and 1st per capita.
- 91% of the Oregon's high school *FIRST* Tech Challenge seniors committed to attending a 4- year university and 83% aim to major in engineering or computer science programs for fall 2011.
- Statewide access to programs, training and events beyond Portland metro area with activities in McMinnville, Albany, Corvallis, Medford, Salem Hood River, The Dalles, Bend and La Grande.
- Winning awards on a global basis year after year.
FIRST® World Championships in April 2011 and FLL North American Open at LEGOLAND in California.
 - 2 FLL teams attended - 1 FLL teams received 1st Place Trophies for *FIRST*® Inspiration in Mentoring. 2 FLL teams attended the North American Open at LEGOLAND and received 1st and 2nd Place Robot Design Awards.
 - 3 FTC Teams attended - 3 of 3 FTC teams advanced to the semi-finals (top 8 alliances) and one advanced further to the final four alliances winning the Finalist Alliance for their division.
- Will provide a hands-on engineering teamwork experience for 4,000 students on over 600 teams, Kindergarten – 12th grade during 2011/2012 program year.

Primary reasons why ORTOP is requesting funds from the community in 2011- 2012

- Funds to support our tremendous growth by funding five new FLL qualifying tournaments in Salem (2), Hood River, Medford and The Dalles and assistance with two FLL state championships.
- Funds to support scholarships to economically disadvantaged high school veteran FTC teams so that they may continue participating in the program. Retention is essential to propelling students to pursue engineering and computer science in college.
- Funds to purchase needed fields, equipment and general support for 3 new FTC qualifying tournaments, 6 existing FTC qualifying tournaments and an expanded state championship.



ORTOP is a program of the Industry Affairs Department of the Oregon University System
ORTOP · PO Box 751, IAFF · Portland, OR 97207-0751 · 503.725.2920 · www.ortop.org

ORTOP Program goals for 2011- 2012

Continue to implement high quality *FIRST*® programs for Oregon's youth. Goal is to involve **4,000** students.

- ***FIRST*®LEGO® League goals already achieved for 2011-2012** (elementary and middle school students)
 - Developed an additional programming workshop for veteran coaches by increasing their skill set for a total of 12 hours of instruction for rookie and veteran coaches.
 - Maintained scholarship distribution serving underserved youth. 132 full or partial scholarships were awarded to deserving teams.
 - ***FIRST*® Tech Challenge goals (high school students) –**
 - Goal for 2011 is to retain teams and increase by 35% to 100 FTC teams.
 - Expand FTC team training workshops from 8 to 12 full day sessions and increase geographic coverage..
 - Expand the number of qualifying tournament events from 6 to 9 leading up to an expanded state championship for 36 teams.
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ORTOP by the numbers 2010/2011 – the prior season

3500 students served across 3 *FIRST*® programs from Kindergarten – 12th grades.

- 79 – Jr. *FIRST*®LEGO League Teams – K-3rd grade (2 Jr.FLL Expos) (33% growth)
- 383 – *FIRST*® LEGO League Teams - 4th – 9th grade (21 qualifying events and 2 championships) (20% growth)
 - *FLL has 438 registered teams for 2011/2012 season. (14% growth)*
- 74 - *FIRST*®Tech Challenge Teams – 9th – 12th grade
(6 qualifying events and 1 championship (74% growth)

How sponsor funds are used for *FIRST*® LEGO® League and *FIRST*® Tech® Challenge programs

Platinum Level Sponsorship -\$15,000 (\$10K for FLL, \$5K for FTC)

Coach Training, Outreach and Recruiting	20%
Direct Team Scholarships and Support	40%
Tournament Support (25 Tournament Events)	35%
General Planning	5%

Total ORTOP Budget \$230,000

Sponsor Recognition highlights

- All levels: Included on ORTOP Sponsor Board displayed at all FLL Qualifying(21) and Championship Events (2) (if committed by November 15, 2011)
 - Silver Sponsorship (\$2.5K) and above: includes in ORTOP marketing brochures distributed to schools, organizations, businesses throughout the year.
 - Silver Sponsorship and above: listed on the ORTOP FLL and FTC homepages in the Sponsor column.
 - At Gold Sponsorship (\$5K) and above: Banner displayed at Intel Oregon FLL Championships and Oregon FTC Championship
 - At Gold Sponsorship or above: present trophies at the FLL or FTC Championship events.
 - At Platinum Sponsorship (\$10K): representative's picture and quote included in FLL Championship program
 - *Complete sponsor recognition table provided as an attachment.*
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Thank you for supporting the students of the Oregon Robotics Tournament and Outreach Program.

Our growing program appreciates and needs the financial support from our community for continued success.