Tournament & Outreach Program

OREGON ROBOTICS TOURNAMENT AND OUTREACH PROGRAM

ORTOP by the numbers

- **ORTOP** implements three international science and engineering programs in Oregon and SW Washington:

Jr.FLL Junior FIRST® LEGO® League FLL FIRST® LEGO® League FTC FIRST® Tech Challenge

- Our mission is

  to open doors to the worlds of science and technology for Oregon's youth.

- In the 2010/2011 season, 3,400 students participated in the three *FIRST* programs:

4000 students forecasted for 2011

Jr. FLL	80 Team	2 Expo Events
FLL	383 Teams	21 Qualifying Events
	113 Teams advanced to	2 Championships
FTC	74 Teams	6 Qualifying Events
	24 Teams advanced to	1 Championship

- **ORTOP 2010** awards scholarships for team participation to underserved and economically disadvantaged teams — $52,000 *FIRST* LEGO League; $27,000 *FIRST* Tech Challenge

- **ORTOP** offers more than 30 free FLL workshops for non-technical adults to prepare them for coaching and conducted 8 FTC workshops for high school students and coaches.

- We recruit and engage underserved youth across the three programs: 29% of our participants are girls; 15% are underrepresented students

- **ORTOP**'s programs continue to grow: Jr.FLL and FLL participation increased by 20% and participation in FTC increased by 74% in 2010.
  Participation of girls in FTC increased by 120% from 2009 to 2010.
  in 2011 we anticipate 4250 students will participate in our programs K-12th grade.

- High school FTC seniors graduating in 2011 aim for a future in STEM:
  - 91% plan to attend a 4-year university and
  - 83% plan to major engineering, science, technology or math.

- **ORTOP** produces results with annual budget of $230,00. **ORTOP** receives no state funding and relies solely upon corporate grants and donations.