

THE AWARDS



TABLE OF CONTENTS

5 THE AWARDS	2
5.1 <i>FIRST</i> ROBOTICS COMPETITION AWARDS	2
5.2 COMPLETE AWARDS LIST	2
5.3 NEW AWARDS SUBMISSION PROCESS.....	5
5.4 CHAIRMAN'S AWARD.....	5
5.4.1 Overview	5
5.4.2 First-Year (Rookie) and NASA Grant Teams:	6
5.4.3 Submission Information	6
5.4.4 The Allaire Medal - Leadership Exemplified.....	7
5.5 EXCELLENCE IN DESIGN AWARD, <i>SPONSORED BY AUTODESK</i>	7
5.5.1 Purpose of Award	7
5.5.2 Award Overview	7
5.5.3 Award Specifics	7
5.5.4 Award Judging.....	8
5.6 THE FOUNDER'S AWARD (CHAMPIONSHIP ONLY).....	8
5.7 WEBSITE AWARD.....	9
5.7.1 Submission and Deadline Information.....	9
5.8 WOODIE FLOWERS AWARD	9
5.8.1 Spirit of the Award	9
5.8.2 Submission Deadline	10
5.8.3 Prior Year Regional WFFA Winner Re-submission	10

5 THE AWARDS

5.1 FIRST ROBOTICS COMPETITION AWARDS

This chapter contains descriptions of the *FIRST*[®] Robotics Competition Awards as well as any required submission criteria. Note an asterisk designates a new or “changed” award. Unless otherwise noted, all awards are given at Regional events, District events and the *FIRST* Championship. *FIRST* will hold an Awards Ceremony to present these awards at each appropriate event.

5.2 COMPLETE AWARDS LIST

Award	Description	Selected By	Regional	District	CMP Division	FIRST CMP
Chairman's Award	The Chairman's Award represents the spirit of <i>FIRST</i> . It honors the team that, in the judges' estimation, best represents a model for other teams to emulate. It embodies the goals and mission of <i>FIRST</i> . It remains our most prestigious award.	Chairman's Judge Panel (application and interview process)	√	√		√
Champion	This award celebrates the alliance that wins the final match of the Championship Playoffs	Robot Performance				√
Championship Finalist	This award celebrates the alliance that makes it to the final match of the Championship Playoffs	Robot Performance				√
*Coopertition™ Award	The Coopertition™ Award celebrates the team that best demonstrates the ability to help their opponents compete. In the inaugural year of the Coopertition Award, the award will be granted to the team that earns the most Coopertition bonus points during the competition (See Section 9 for details about Coopertition bonus points).	Performance	√	√		√
Creativity Award <i>Sponsored by Xerox</i>	This award celebrates creative design, use of a component, or a creative or unique strategy of play.	Judges	√	√		√
Division Champion	This award celebrates the alliance that wins the final match in their division at the Championship.	Robot Performance			√	
Division Finalist	This award celebrates the alliance that makes it to the final match in its division at the Championship.	Robot Performance			√	

Award	Description	Selected By	Regional	District	CMP Division	FIRST CMP
*Engineering Excellence Award <i>Sponsored by Delphi</i>	This award celebrates an elegant and advantageous machine feature that recognizes any aspect of engineering excellence and innovation in the real world. This includes, but is not limited to: design, wiring methods, material selection, programming techniques, and unique machine attributes. The criteria for this award are based on the team's ability to concisely describe verbally, as well as demonstrate, this chosen machine feature.	Judges	√	√		√
Engineering Inspiration Award	This award celebrates a team's outstanding success in advancing respect and appreciation for engineering and engineers, both within their school as well as their community. Criteria include: the extent and inventiveness of the team's efforts to recruit students to engineering, the extent and effectiveness of the team's community outreach efforts, and the measurable success of those efforts.	Judges	√	√		√
Entrepreneurship Award <i>Sponsored by Kleiner Perkins Caufield & Byers</i>	This award celebrates the entrepreneurial spirit. This award recognizes a team, which since its inception has developed the framework for a comprehensive business plan in order to scope, manage, and obtain team objectives. This team displays entrepreneurial enthusiasm and the vital business skills for a self-sustaining program. (Please note, a formal business plan must be completed and given to the judges during the Pit interview process. Teams should be prepared to talk about their plan at that time. Look on the <i>FIRST</i> Website under FRC Awards for more information.)	Judges	√	√		√
*Excellence in Design Award <i>Sponsored by Autodesk</i>	This award honors clear and compelling evidence of excellence in design development, documentation, communication, and presentation. The intention of the Award is to inspire, recognize and celebrate design as one way in which you can change your world.	Reg: Students CMP: Autodesk	√			√
Founders Award (not a team award)	Each year <i>FIRST</i> presents this award to honor an organization or individual that has contributed significantly to the growth of <i>FIRST</i> .	<i>FIRST</i>				√

Award	Description	Selected By	Regional	District	CMP Division	FIRST CMP
Gracious Professionalism™ Award <i>Sponsored by Johnson & Johnson</i>	This award celebrates outstanding sportsmanship and continuous Gracious Professionalism™ in the heat of competition, both on and off the playing field.	Judges	√	√		√
Highest Rookie Seed Award	This award celebrates the highest-seeded rookie team at the conclusion of the qualifying rounds.	Robot Performance	√	√	√	
Imagery Award <i>(in honor of Jack Kamen)</i>	This award celebrates attractiveness in engineering and outstanding visual aesthetic integration from the machine to team appearance.	Judges	√	√		√
Industrial Design Award <i>Sponsored by General Motors</i>	This award celebrates form and function in an efficiently designed machine that effectively achieves the game challenge.	Judges	√	√		√
Industrial Safety Award <i>Sponsored by Underwriters Laboratories</i>	This award celebrates the team that progresses beyond safety fundamentals by using innovative ways to eliminate or protect against hazards. The winning team consistently demonstrates excellence in industrial safety performance that shines throughout the competition from uncrating to re-pack.	Safety Advisors	√	√		√
Innovation in Control Award <i>Sponsored by Rockwell Automation</i>	This award celebrates an innovative control system or application of control components to provide unique machine functions.	Judges	√	√		√
Judges Award	During the course of the competition, the judging panel may encounter a team whose unique efforts, performance, or dynamics merit recognition.	Judges	√	√		√
Quality Award <i>Sponsored by Motorola</i>	This award celebrates machine robustness in concept and fabrication.	Judges	√	√		√
Regional/District Finalist	This award celebrates the alliance that makes it to the final match of the competition.	Robot Performance	√	√		
Regional/District Winner	This award celebrates the alliance that wins the final match of the competition.	Robot Performance	√	√		
Rookie All Star	This award celebrates the rookie team exemplifying a young but strong partnership effort, as well as implementing the mission of <i>FIRST</i> to inspire students to learn more about science and technology.	Judges	√	√		√
Rookie Inspiration	This award celebrates a rookie team's outstanding success in advancing respect and appreciation for engineering and engineers both within their school, as well as in their community.	Judges	√	√		√
Team Spirit Award <i>sponsored by Chrysler</i>	This award celebrates extraordinary enthusiasm and spirit through exceptional partnership and teamwork.	Judges	√	√		√

Award	Description	Selected By	Regional	District	CMP Division	FIRST CMP
Website	The Website Award recognizes excellence in student-designed, built, and managed <i>FIRST</i> team websites.	Website Evaluators (prior to the event)	√	√		√
Woodie Flowers	The Woodie Flowers Award celebrates effective communication in the art and science of engineering and design. Dr. William Murphy founded this prestigious award in 1996 to recognize mentors who lead, inspire and empower those around them using excellent communication skills.	Panel of prior WFA Winners	√			√

5.3 NEW AWARDS SUBMISSION PROCESS

The Regional Chairman's Award, the Woodie Flowers Award and the Website Award must be submitted through the *FIRST* Student Team Members Information System <https://my.usfirst.org/frc/goteams/site.lasso>. The Main or Alternate contact for your team must assign up to four (4) student award summitters in FRC TIMS. Those students will be notified of their status via email and may then log into the Student Team Member system and be able to view the awards submission section on their main page. The Awards Submission section of the *FIRST* Student Team Members Information System will open for submissions at **noon EST on January 12, 2010** and close for submissions on **Thursday, February 18, 2010 at 11:59 PM EST.**

5.4 CHAIRMAN'S AWARD

The *FIRST* Robotics Competition is about much more than the mechanics of building a robot or winning a competitive event. It is about the partnership among people who are part of the *FIRST* community and the impact on those who participate in *FIRST* programs with a united goal of achieving *FIRST*'s mission. *FIRST*'s mission is to change the way young people regard science and technology and to inspiring an appreciation for the real-life rewards and career opportunities in these fields.

The concept of the Chairman's Award includes Regional Chairman's Awards, which enable *FIRST* to recognize more teams for their exemplary efforts in spreading the *FIRST* message, as well as their talents in organizing materials for their presentations.

The winning entries of the Regional Chairman's Awards will travel to the Championship for the continuing process of consideration for the most prestigious 2010 Chairman's Award.

5.4.1 Overview

The Chairman's Award was created to keep the central focus of the *FIRST* Robotics Competition as our ultimate goal for transforming the culture in ways that will inspire greater levels of respect and honor for science and technology, as well as encourage more of today's youth to become scientists, engineers, and technologists

The Chairman's Award represents the spirit of *FIRST*. It honors the team that, in the judges' estimation, best represents a model for other teams to emulate, and which embodies the goals and purpose of *FIRST*. It remains *FIRST*'s most prestigious award.

FIRST will present a Regional Chairman's Award at each Regional and three (3) Regional Chairman's Awards at the Michigan State Championship in 2010. Only the winners of the Regional Chairman's Award will be eligible to compete for the Chairman's Award presented at the *FIRST* Championship.

Hall of Fame members; i.e., teams that have already won the Chairman's Award, are ineligible to compete for the Regional Chairman's Award for five (5) years. Teams that won the Chairman's Award at the Championship prior to 2005 are eligible to participate in 2010. Teams that won in 2005-2009 are ineligible.

5.4.2 First-Year (Rookie) and NASA Grant Teams:

Because the Chairman's Award recognizes sustained excellence and impact, not just a one (1) year team effort, it is not possible for a first year (rookie) team to receive this honor. *FIRST* does, however, invite and encourage rookies to develop a Chairman's Award submission which may be evaluated by the judges determining the winner of the **Rookie All-Star Award**. This submission will document where the team started its *FIRST* journey and will also provide background for documenting the results of the team's efforts – it will be a great way to start the team's efforts to win the Chairman's Award.

Rookie Teams: If you prepare a Regional Chairman's Award submission, print a copy to give the Judges when they visit you at your Pit Station. Judges will not be viewing them online.

Teams receiving **NASA Grants** must provide a copy of this submission as part of the grant.

All teams are encouraged to print a copy of their final submission for their records and to confirm for themselves that the submission was accepted.

5.4.3 Submission Information

The criteria for the 2010 Chairman's Award are essentially identical to those in the past, with special emphasis on recent accomplishments in both the 2009/2010 year and the preceding two (2) years. The judges focus on teams' activities over a sustained period, as distinguished from just the six (6) week design and build time frame.

As in the past, teams may only submit at one (1) Regional competition for judging. Teams submitting for both the Chairman's Award and the Woodie Flowers Award should note that both awards are judged at the same event. Students working on the Woodie Flowers Award submission and those team members working on the Chairman's Award submission should coordinate to select the best event for the team.

More information on this award can be found on the *FIRST* Website under <http://www.usfirst.org/roboticsprograms/frc/content.aspx?id=440>

Submission Deadline for Chairman's Awards are no later than **Thursday, February 18, 2010 @ 11:59 PM EST.**

5.4.3.1 Additional Requirement for 2010 Season

Teams competing for the Regional Chairman's Award must provide a video to the judges at the event. The content of the video should explain what the team has done to be a Regional Chairman's Award winning team. The video may be shown to the judges during the teams 5 minute presentation time at the discretion of the teams; however the team must provide the equipment for viewing (i.e., laptop). Although it is a requirement of submission, it is not a requirement for the judging process for 2010. Specifications for the DVD will be found on the *FIRST* website under <https://my.usfirst.org/frc/goteams/site.lasso>

5.4.3.2 The Chairman's Award Championship Award Process

At The Championship, a panel of judges will review the all the winning submissions and will select one ultimate Chairman's Award winner. This winning team has the additional

honor of choosing one of its junior or senior student members to be the recipient of the Allaire Medal.

5.4.4 The Allaire Medal - Leadership Exemplified

The Chairman's Award is presented at the Championship to the *FIRST* team judged to have the best partnership effort. The Allaire Medal recognizes leadership exemplified and is awarded to an individual student on the winning Chairman's Award team.

Named in honor of Paul A. Allaire, a long-serving *FIRST* Chairman of the Board, the Allaire Medal is given to the student who has demonstrated outstanding leadership on his/her *FIRST* team, within his/her school and community and whose personal character best embodies the spirit of *FIRST*.

The team receiving The Chairman's Award at the Championship will select the Allaire Medal recipient. The adult and student team members determine the winner. The recipient must be a high school junior or senior who has been accepted into a four (4) year degree program at a college or university. The Allaire Medalist receives the Allaire medallion and up to \$10,000 in total scholarship support for undergraduate tuition, room and board, fees and books at his or her intended university or college.

5.5 EXCELLENCE IN DESIGN AWARD, SPONSORED BY AUTODESK

5.5.1 Purpose of Award

This award honors clear and compelling evidence of excellence in design development, documentation, communication and presentation. The intention of the Award is to inspire, recognize and celebrate design as one way in which you can change your world.

5.5.2 Award Overview

With a distinctive history of 18+ years of sponsorship of *FIRST*, Autodesk continues to honor the inventors, engineers and design professionals of the future who are at the center of the *FIRST* Robotics Competition. They want to help teams develop an awareness of the power of design; learn the processes and tools for great design; and award achievement in design excellence. Autodesk understands that you want to have a positive impact on the world and now more than ever, design technology is helping to improve the way we live and shape the world in which we live.

5.5.3 Award Specifics

This year, Autodesk is proud to sponsor the Award for Excellence in Design – with two separate categories in this single Award. Category One will involve 3D Design; and Category Two will involve Animation.

All competitors for the Award will have the opportunity to choose from a range of 22+ Autodesk products to incorporate in their entry in 2010. Products are available for free*, along with learning materials and tech support, when you join www.autodesk.com/first However, if you enter in Category One your entry **MUST** include use of at least Autodesk Inventor Professional 2010. If you enter in Category Two, your entry **MUST** include use of at least either Autodesk 3ds Max or Autodesk Maya (GREAT news for those of you who enjoy working with the Macintosh platform: Maya runs on a Mac). Remember, you can use as many Autodesk products as you like...but use of at least one of the above products is required in the competition categories.

The complete and detailed information about the Award, including submittal format, deadlines, criteria, and judging process will be posted no later than January 9, 2010 on the *FIRST* website and on the *FIRST* section of the Autodesk Education Community at: www.autodesk.com/first.

5.5.4 Award Judging

All entries in Category One, 3D Design, will be submitted and judged at the Championship level, only. There will be a winner in this Category announced at Championship.

Entries in Category Two, Animation, will be submitted and peer judged at each Regional event. Each team in each Regional that has submitted for the Award in that Regional will have the opportunity to view the entries in that Regional and will have the opportunity to vote for a winner of the Award at that Regional event. The winner at the Regional level will be announced and shown at the event awards ceremony. All winners at the Regional level, potentially with others identified by Autodesk experts, will be judged at the Championship level by a panel of professionals. There will be a Championship winner in this Category announced at the 2010 Championship event.

At the 2010 Championship, the winner of the Autodesk Award for Design Excellence (in both of the two Categories) will be announced and shown at the awards ceremony.

FIRST and Autodesk value design and are committed to honoring the teams who compete for this Award by showing the amazing work created by each of them as often as possible.

5.6 THE FOUNDER'S AWARD (CHAMPIONSHIP ONLY)

Each year *FIRST* presents this award to honor an organization or individual that has contributed significantly to the growth of *FIRST*.

Past winners of the Founder's Award include:

1993	Motorola, Inc.
1994	Honeywell
1995	Walt Disney World's Epcot
1996	City of Manchester, NH
1997	Francois Castaing Chrysler Corp
1998	Johnson & Johnson
1999	NASA
2000	William Murphy, <i>Founder</i> Cordis Corp & Small Parts, Inc.
2001	Autodesk, Inc.
2002	John Doerr, Partner Kleiner, Perkins, Caufield & Byers
2003	Innovation First
2004	FedEx Corporation
2005	The Lego® Group
2006	United Technologies Corporation
2007	General Motors
2008	BAE Systems
2009	National Instruments

5.7 WEBSITE AWARD

The Website Award recognizes excellence in student designed, built and managed *FIRST* team websites. Two (2) subcategories are awarded:

“Website Excellence” - Every submission that meets the first website design standards of excellence will receive the website excellence award.

“Best Website” –One (1) best website award will be given at each regional competition. the championship best website award winner will be chosen from among the regional best website award winners.

5.7.1 Submission and Deadline Information

Teams must enter their website into the *FIRST* awards submission site by **11:59 PM EST on February 18, 2010** to be evaluated. Each team’s website is eligible for a website award at every regional event at which the team is competing. The website must be complete and functional by the date of submission. Any website found to be “down,” and not viewable by the evaluators, will be disqualified.

Additional information can be found on the *FIRST* website under:
<http://www.usfirst.org/roboticsprograms/frc/content.aspx?id=440>.

5.8 WOODIE FLOWERS AWARD

The Woodie Flowers Award celebrates effective communication in the art and science of engineering and design. Dr. William Murphy founded this prestigious award in 1996 to recognize mentors who lead, inspire and empower using excellent communication skills.

Each year, students may submit an essay nominating one (1) mentor from their team to be considered for this award. If a team already has a mentor who has won the Regional Woodie Flowers Award in a prior year, then that team may resubmit that mentor in the current year. *FIRST* will recognize one (1) adult mentor at each Regional for receipt of the Regional Woodie Flowers Award. The current year Regional Woodie Flowers Award winners, along with those mentors who won a Regional Woodie Flowers Award in a prior year and have been re-nominated, will be judged to receive the Woodie Flowers Award at the FRC Championship.

5.8.1 Spirit of the Award

High school students on a *FIRST* Robotics team may choose one (1) adult team member as their Woodie Flowers Finalist Award (WFFA) candidate (eligibility information on *FIRST* website under <http://www.usfirst.org/roboticsprograms/frc/content.aspx?id=440>). The students will describe how this mentor has given them the best understanding of the challenges, opportunities and satisfaction involved in the discipline of engineering and design. Dr. Flowers will lead the past Championship Woodie Flowers Award (WFA) winners as they judge and select the Finalists and ultimate Championship winner based on student essays.

This award recognizes an individual who has done an outstanding job of motivation through communication while also challenging the students to be clear and succinct in recognizing the value of communication. As such, it is very important that this be a student-led effort and a student decision. Team mentors should direct their students to the online entry site and let the high school student nominators decide whom to nominate. Adults can help edit, but this must be a student-led effort, since any team mentor is eligible. Authors must be **clearly** identified as high school students in the online submission.

5.8.2 Submission Deadline

The Woodie Flowers Award entries are due **Thursday, February 18th 11:59 PM EST**. Eligibility and entry requirements, judging criteria and details on the entry process can be found on the *FIRST* website under <https://my.usfirst.org/frc/goteams/site.lasso>.

5.8.3 Prior Year Regional WFFA Winner Re-submission

Please refer to the current Championship WFA eligibility requirements on the *FIRST* website. Student nominators must submit a new 600 word (maximum) essay in order to re-nominate their previous year Regional WFFA winner to be eligible for the current Championship WFA. Student nominators will not be able to edit the original submission. Past winners without a new essay will not be eligible for the WFA. While the judges can review past essays, the new essay must be able to stand alone as a complete submission.

Each *FIRST* team can nominate/re-nominate a maximum of one (1) candidate for the Championship WFA.