

# Chairman's: Jumpstart Your Journey



**4-H EXPLODING BACON  
ROBOTICS CLUB**

**TEAM  
1902**

**TEAM  
1902**

**#OinkOinkBoom**

**#TogetherWeInspire**

**#JumpstartRCA2019**

**#DestinationDeepSpace**



- [Chairmans Award Resources](#), includes:
  - Past FIRST Robotics Competition Championship Chairman's Award Winners Submissions
- [Link to Chairman's Award Submission Definitions and Resources](#)
  - Chairman's Seminar and Powerpoint presented by Team 1114
  - Chairman's Award Video Resources
  - Frequently Asked Questions
- [Firstinspires.org Awards Submission Guidelines](#)
- *Disclaimer: FIRST changes submission criteria, this presentation is no substitution for thoroughly reading and understanding the submission criteria and rules on the official website*



# Chairman's Award Description

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The Chairman's Award is the most prestigious award at *FIRST*, it honors the team that best represents a model for other teams to emulate and **best embodies the mission of *FIRST***. It was created to keep the central focus of *FIRST Robotics Competition* on the ultimate goal of **transforming the culture** in ways that will inspire greater levels of respect and honor for science and technology, as well as encouraging more of today's youth **to become science and technology leaders.**



# Submission Content & Award Emphasis

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The Chairman's Award is presented to the team judged to **best exemplify the true meaning of *FIRST*** through **measurable impact** on participants, school, and community at large with emphasis on promoting science and technology through *FIRST* programs.

While the Chairman's Award is about "more than robots", teams often leverage their robots to enhance their impact on the broader community. For this reason, it is expected teams in contention for the Chairman's Award will have built a robot appropriate to the game's challenges for the season. This does **not** require the team to have ranked at a certain level during the event, but does require teams to put in more than just the minimal effort necessary to field a drivable robot.

The criterion for the Chairman's Award has special emphasis on **recent accomplishments within the last five years**. The judges focus on teams' activities over a sustained period, as distinguished from just the robot design and build period.

To help standardize Chairman's Award judging, *FIRST* has developed a [definition list for terms](#) commonly used by teams. Teams are responsible for policing their own choice of words.

FRC is not about machines; it is about the experience of **people working together toward a shared goal**. **Documenting and preserving your team's *FIRST* experience** becomes an important component of the over-all *FIRST* experience.



# Changes to this year's

TEAM  
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- encouraging more of today's youth to become science and technology leaders.
- measurable impact on community with emphasis on promoting science and technology through *FIRST* programs.
- While the Chairman's Award is about "more than robots", teams often leverage their robots to enhance their impact on the broader community. For this reason, it is expected teams in contention for the Chairman's Award will have built a robot appropriate to the game's challenges for the season. This does not require the team to have ranked at a certain level during the event, but does require teams to put in more than just the minimal effort necessary to field a drivable robot.



# Purpose and Goals of *FIRST*

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- **Mission of *FIRST*:** Our mission is to inspire young people to be science and technology leaders, by engaging them in exciting mentor-based programs that build science, engineering and technology skills, that inspire innovation, and that foster well-rounded life capabilities including self-confidence, communication, and leadership.
- About FIRST
- Philosophies
- FIRST Core Values

Full text: <https://www.firstinspires.org/about/vision-and-mission>



# ***FIRST*** Core Values

**TEAM  
1902**

We express the *FIRST* philosophies of *Gracious Professionalism* and *Coopertition* through our Core Values:

- **Discovery:** *We explore new skills and ideas.*
- **Innovation:** *We use creativity and persistence to solve problems.*
- **Impact:** *We apply what we learn to improve our world.*
- **Inclusion:** *We respect each other and embrace our differences.*
- **Teamwork:** *We are stronger when we work together.*
- **Fun:** *We enjoy and celebrate what we do!*

*These are good guidelines to follow as you start the essay*





# Chairman's At a Glance

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- MAKE IT FUN!
- **Read the Submission guidelines**, all definitions, deadlines & criteria
- **Executive Summaries**
- **Essay** (up to 10,000 characters)
- **Video** (1-3 minute)
- **Interviews** (Presentation/Skit) (12 minutes total; up to 7 minutes for the presentation, remaining minutes for Q&A. Up to 3 student team members, plus 1 adult mentor)



# Make it Fun!

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- Laugh
- Candy
- Music
- Anything that makes it fun and inviting to your team members.



# Why Submit?

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- A good exercise
- Record of your accomplishments
- Reflect on what your team has achieved
- Refocus team efforts in the coming year
- Compete for FIRST's most prestigious award



# What are the Judges looking for?

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*Chairman's Award will go to the team that best documents and communicates their efforts to change culture.*

- Looking for sustained excellence
- Team that most accurately represents the FIRST mission
- Experience of students, engineers, teachers, community, school, sponsors, families, and other supporters
- What makes you the face of FIRST
- Consistently good communication from your team
- New Criteria



# Our Approach

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- Strategic Planning
- Mission Statement, Goals & Values
- Consistent message
- Team Image
- **Document! Document! Document!**
  - Facts, pictures, video, social media, impact, experiences, etc



# Our Approach

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## Do Your Research

- Watch Simbotics (1114) Chairman's Video
- Look for Past Chairman's Submissions & Resources from other teams
- Search Chief Delphi for tips



# Our Approach

TEAM  
1902

## Make a Plan

- Create a schedule for draft goals with deadlines and who is responsible
- Gather your documentation:
  - List team accomplishments with dates
  - List which go into Essay, Video, Skit, Judge's Packet



# Our Approach

TEAM  
1902

- Define your story
  - Consistent Message
  - Use FIRST Team Support Definition words
  - Add team image/theme elements, if preferred





# Example of Organization

**TEAM  
1902**

	Essay (facts)	Skit (Story)	Video (emotion)	Judge's Packet
Outreach Effort X				
Outreach Effort X				
Mentor FLL Teams				
Started FTC Teams				
Assist FRC Teams				



# Team Impact

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- FIRST Impact & Opportunities
- Outreach
  - Local / Regional / International
  - Fulfilling a need
  - Member interests
  - Larger impacts
  - Team strengths
- Build on your programs



# Chairman's Culture

TEAM  
1902

*How do you change the culture of your team to value Chairman's?*

- Celebrate what you value!
- Plan your schedule to work with more demands
- Engaging & inspiring programs
- Prioritize programs: fun and interesting to team
- Reward those who contribute
- Team requirements
- Mentor & student leadership promote positive Chairman's culture



# Chairman's Essay

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- An Essay
- Executive Summaries

*Both must be submitted by a student through STIMS*

- Judges encourage creativity of expression
- Must clearly deliver information and facts about the team
- Should draw attention to the strengths of the team
- Serve as the basis for the judges to make the decision on which team earns the Chairman's Award



# The Questions in Addition to the Essay

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- Team Number & Team Name/Nickname and DESCRIBE
- the impact of the *FIRST* program on team participants within the last 5 years
- the impact of the *FIRST* program on your community within the last 5 years
- the team's methods for spreading the *FIRST* message in ways that are effective, scalable, sustainable, and creative
- examples of how your team members act as role models and inspire other *FIRST* team members to emulate
- Team's initiatives to help start or form other *FRC* teams
- the team's initiatives to help start or form other *FIRST* teams
- the team's initiatives on assisting other *FIRST* teams with progressing through the *FIRST* program
- how your team works with other *FIRST* teams to serve as mentors to younger or less experienced *FIRST* teams
- your Corporate/University Sponsors
- the strength of your partnership with your sponsors – within the last 5 years
- For *FRC* teams older than 5 years, briefly describe your team's broader impact from its inception
- how your team would explain what *FIRST* is to someone who has never heard of it
- other matters of interest to the *FIRST* Judges, if any

- **AND THE ESSAY**



# Chairman's Essay

TEAM  
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- 10,000 character limit, including spaces and punctuation
- Organize content in an organic flow
- Include facts & quantifiable accomplishments
- Quotes from people you impacted
- Team's strategy, not future dreams and wishes
- Clear statistics with context
- Strategically use your Executive Summary character count too
- **Numerous** team members and mentors proof read
- Plan for adequate time.
- Don't wait until the last minute to submit, the server can go down with high demand.



# Chairman's Interview

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- **Chairman's Award interviews** (Presentation/Skit) limited to **12 minutes** total; up to 7 minutes for the presentation and up to 5 minutes of question and answer. By up to **3 students**, plus 1 adult mentor
- Judges will be interviewing teams who successfully complete the submission process.
- **Bring confirmation of submission to event**
- Sign-up in Pit Admin for interview time
- Judges are there for you and want you to succeed



# Chairman's Interview

TEAM  
1902

- Presentation:
  - Unique/memorable
  - Play to the personality of the presenting team
- Auditions for presenting team
- Know every detail of the essay & executive summaries
- Be professional and prepared
- Provide a summary of key strengths to judges
- Be confident
- Feed off of each other as a team





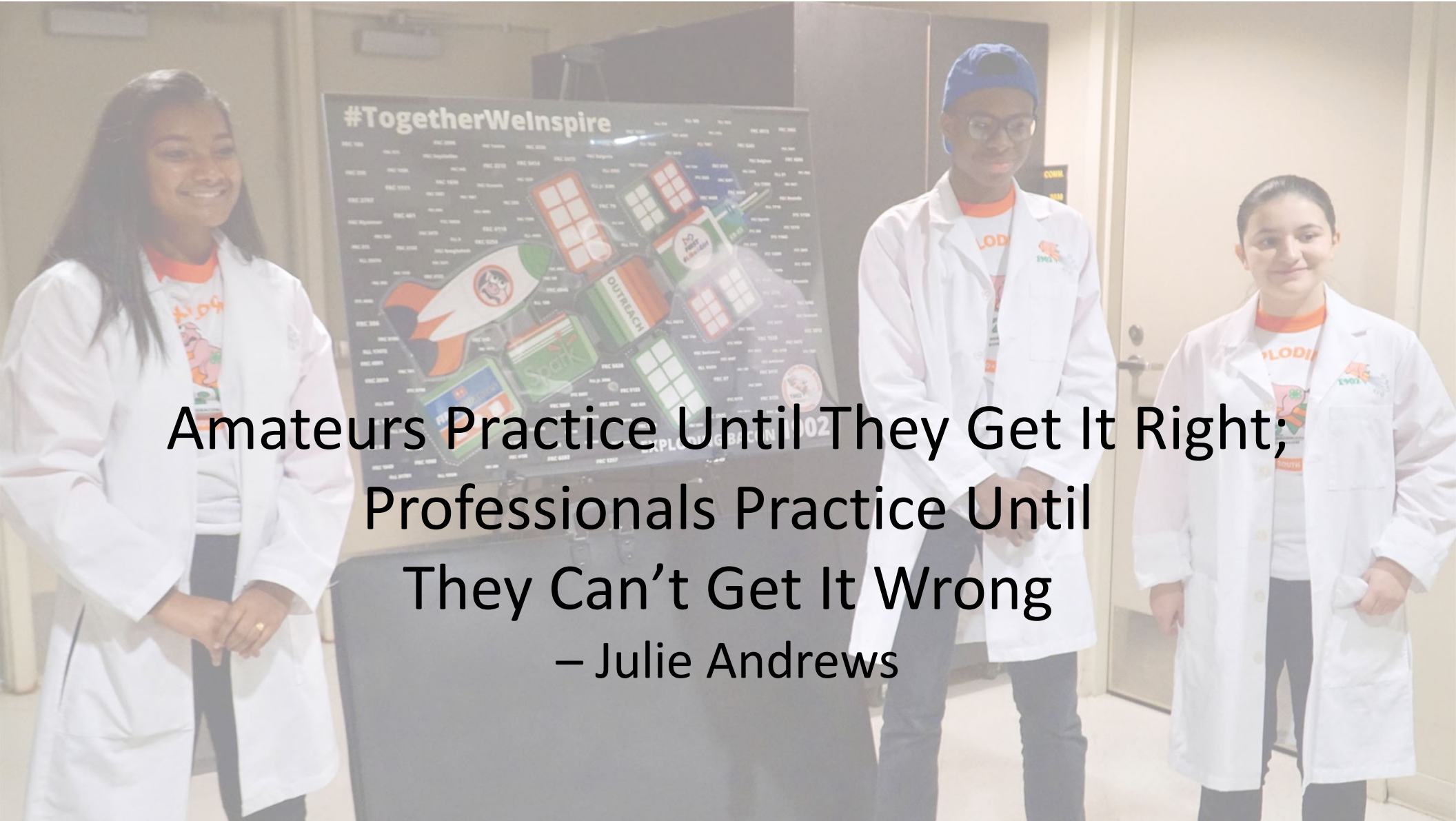
# Chairman's Interview

TEAM  
1902

## Questions & Answers

- Include as part of audition, see how new presenters handle difficult, and unclear questions.
- Practice as much as presentation
- Build on Information in your essay
- Tie in personal stories
- Practice creates confidence





**Amateurs Practice Until They Get It Right;  
Professionals Practice Until  
They Can't Get It Wrong  
– Julie Andrews**

# Chairman's Interview

TEAM  
1902

- Tell your story
- Communicate clearly to judges
- Write in the voice of your presenters
- Play to your presenters strengths
- Don't talk too fast/or too slow
- Stay comfortably under time limit
- Practice, Practice, Practice



# Chairman's Video Submission

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- Must provide a **1-3 minute VIDEO** to the judges at the start of their interview.
- Use to explain what the team has done to earn the Chairman's Award.
- The video may be shown during the interview.
- Read rules for requirements for...
  - VIDEO format, VIDEO do's and don'ts, Content Guidelines & **USB Flash Drive** Requirements
- Chairman's Award **Video Consent Form** must be folded and included in the plastic bag with video with clear team information.
- *Final 2-3 contestant VIDEOS will be reviewed by the Judge Advisor for appropriate content and to ensure that guidelines have been met.*
- *Chairman's judges will not be judging your video as part of your submission, a VIDEO with inappropriate content will disqualify a team for the award.*



# Your Team In Print

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## Print Materials

- Leave behinds for the Judges
- Binder
- Bound packet or folder
- References in the Pit

## Things to consider

- Consistent Message with Essay & Interview
- Clearly highlights your team's strengths.

## Possible things to include:

- Business Plan
- Marketing Packet
- Impact documentation
- Community Outreach Information
  - Press Releases and Articles
  - Flyers & Marketing Materials
  - Thank you letters
- Digital Media Award Submission
- Brochure
- Chairman's Submission



# Prepare Your Entire Team

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- Judge Whispering
  - Learn team information through Pit Test, Practice Sessions, Trivia Game, Jeopardy Game, etc...
- Present Chairman's presentation to your Team
- Handout of key message points for students
- Personal stories of students
- Embrace your image
- Students in pit: smile and have fun being there
- Judges are **everywhere** and **everything** gets back to them. Be on your best behavior **always**.



# Tips for Student Chairman's Leads

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## *From our Chairman's Lead*

- Do not try to do the whole thing by yourself
- Remain patient during rehearsals (silent leadership)
- Trust your mentors
- Focus Q&A on more personal presenter stories
- Know your presenting team's individual strengths & weaknesses
- Affirm teammates
- Take breaks



# Tips for Mentors

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- Presenters understand why your students are presenting/motivation
- Practice Q&A extensively. Team Rush 27 List
- Patience, Patience, Patience
- Know your kids! Keep them hydrated and fed. Understand what they need to succeed.
- Be willing to make adjustments to fit personality to wording and presenting styles.
- Expect practice to take a long time, but also pay attention to when they need breaks.
- **Have a sense of humor!!!**





# Important Tips

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- READ THE RULES!
- Don't submit for the sake of winning
- Don't copy the approach of others
- Focus on what your team wants to do
- Do what you say
- Document everything you do
- Pay attention to feedback forms
- Know who you are, so you can tell your story



# Chairman's Resources

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- [FIRSTInspires.org](http://FIRSTInspires.org) Chairman's Award Resources
- [Chairman's Award Submission Definitions](#)
- [Firstinspires.org](http://Firstinspires.org) Awards Submission Guidelines
- [Exploding Bacon Chairman's Resources](#)  
[www.explodingbacon.com/chairmans/](http://www.explodingbacon.com/chairmans/)
- [Team Rush Questions](#)  
[www.teamrush27.net/chairmans](http://www.teamrush27.net/chairmans)
- [Simbotics Chairman's video](#)  
[www.youtube.com/watch?v=G\\_aixQwINcw](http://www.youtube.com/watch?v=G_aixQwINcw)





Career

**FIRST ROBOTICS COMPETITION**  
**CHAIRMAN'S AWARD FINALIST**  
**2017 HOUSTON CHAMPIONSHIP**

**EXPLODING BACON**  
**1902**

# FRC AWARDS OVERVIEW



**4-H EXPLODING BACON  
ROBOTICS CLUB**

**TEAM  
1902**

**TEAM  
1902**

**#OinkOinkBoom**  
**#TogetherWeInspire**  
**#DestinationDeepSpace**



# Purpose and Goals of *FIRST*

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Understand the focus and goals of *FIRST* and what success means to them.

- **Mission of *FIRST*:** Our mission is to inspire young people to be science and technology leaders, by engaging them in exciting mentor-based programs that build science, engineering and technology skills, that inspire innovation, and that foster well-rounded life capabilities including self-confidence, communication, and leadership.
- About FIRST
- Philosophies
- FIRST Core Values

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# ***FIRST*** Core Values

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1902**

We express the *FIRST* philosophies of *Gracious Professionalism* and *Coopertition* through our Core Values:

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- **Inclusion:** *We respect each other and embrace our differences.*
- **Teamwork:** *We are stronger when we work together.*
- **Fun:** *We enjoy and celebrate what we do!*

*These are good guidelines to follow as you start the essay*



# Why Submit?

TEAM  
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- A good exercise
- Acknowledge your strengths
- Focus team efforts
- Build your reputation





# What are the Judges looking for?

TEAM  
1902

- Research the award.
  - Understand the intent of the award
  - Follow all requirements and guidelines
  - who has succeeded with the award and seek their advice
- Make a Plan
  - Good communication
  - Consistent message
  - Documentation



# Award Submission Deadlines

**TEAM  
1902**

Award	Submission Process	Submitted By	Date
<a href="#"><u>Digital Animation Award</u></a>	File Transfer Website	Any Team Member	Thursday, January 24, 2019, 11:59PM Eastern Time
<a href="#"><u>Chairman's Award</u></a>	Team Registration System	Student Award Submitter	Thursday, February 7, 2019, 3PM Eastern Time
<a href="#"><u>Woodie Flowers Award</u></a>	Team Registration System	Student Award Submitter	Thursday, February 7, 2019, 3PM Eastern Time
<a href="#"><u>Dean's List Award</u></a>	Team Registration System	Adult Award Submitter	Thursday, February 14, 2019, 3PM Eastern Time
<a href="#"><u>Safety Animation Award</u></a>	Team Registration System	Student Award Submitter	Thursday, December 6, 2018, 3PM Eastern Time



# Submitted Judged Awards

TEAM  
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- [Chairman's Award](#): Due: 02/07/19, 3pm
- [Digital Animation Award](#): Celebrates the art of the digital animation and its close relationship to STEAM. Due: 01/24/19, 11:59pm
- [FIRST Dean's List Award](#): Celebrates outstanding student leaders whose passion for and effectiveness at attaining *FIRST* ideals is exemplary. Due: 02/14/19, 3pm
- [Woodie Flowers Finalist Award](#): Presented to an outstanding Mentor in the robotics competition who best leads, inspires, teaches, and empowers their team using excellent communication skills. Due: 02/07/19, 3pm
- [Safety Animation Award](#): Recognizes the team that submits a short animated film that best promotes the current season's team safety focus. Due 12/06/18, 3pm



# Woodie Flowers Award

TEAM  
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Woodie Flowers Award celebrates effective communication in the art and science of engineering and design. WFA recognizes an outstanding job of motivation through communication while also challenging the students to be clear and succinct in their communications.

Very important that this be a student-led effort and a student decision. Mentor's may guide and review.

## Judging Criteria

1. the accomplishments in communication by the mentor and
2. the student's ability to communicate clearly and concisely through their nomination.



# Woodie Flowers Award

TEAM  
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- How the mentor inspired each member of the team in some or all the following ways: student participation; Creativity; Clear explanation of mathematical, scientific, and engineering concepts; Demonstration of enthusiasm for STEM; Encouragement to work on projects as a team effort; Inspiration to use problem-solving skills; Inspiration to become an effective communicator; and Motivation through communication.

## Entry Requirements

- The students enter team and candidate information, reference information, and a max 3,000 character essay written in English.
- Up to six (6) pictures
- HS Students enter their candidate through the [Youth Team Member Registration System](#).



# Dean's List Award

TEAM  
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- Overview
- Who should write it
- Who to nominate
- Structure



# Dean's List Award

TEAM  
1902

Recognize the leadership and dedication of *FIRST*'s most outstanding secondary school students, the Kamen family sponsors awards.

- Submissions: Team nominates up to 2 student members as Semi-finalists who are 10th or 11th grade students truly deserving of this honor.

## Criteria

- Demonstrated leadership and commitment to the *FIRST* Core Values
- Effectiveness at increasing awareness of *FIRST* in the school and community
- Interest in and passion for a long-term commitment to *FIRST*
- Overall individual contribution to their team
- Technical expertise and passion
- Entrepreneurship and creativity
- Ability to motivate and lead fellow team members



# Dean's List Award

TEAM  
1902

- **Essay** should be 4,000 characters specific to the Semi-finalist's contributions to *FIRST* generally, and to their team specifically and specifics on the semi-finalist's entrepreneurial, technical, creativity, and innovation skills.
- Submitted via [Team Registration System](#) for one event.
- **A photograph** of the *FIRST* Dean's List Semi-finalist is strongly encouraged
- All Semi-finalists will participate in a brief, 5-7 minute, live and interactive interview with a minimum of two judges
- Link on page to more specific recommendations





# Awards Based on Team Attributes

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- **Engineering Inspiration Award:** Celebrates outstanding success in advancing respect and appreciation for engineering within a team's school and community.
- **Entrepreneurship Award:** Celebrates the entrepreneurial spirit by recognizes a team that has developed a comprehensive business plan in order to define, manage, and achieve the team's ongoing objectives.
- **Gracious Professionalism® Award:** Celebrates outstanding demonstration of *FIRST* Core Values such as continuous Gracious Professionalism® working together both on and off the playing field.
- **Imagery Award:** In honor of Jack Kamen, Dean's father, for his dedication to art and illustration and his devotion to *FIRST*. This award celebrates attractiveness in engineering and outstanding visual aesthetic integration of machine and team appearance.



# Awards Based on Team Attributes

TEAM  
1902

- **Judges' Award:** During the course of the competition, the judging panel may decide a team's unique efforts, performance, or dynamics merit recognition.
- **Rookie All-Star Award:** Celebrates the rookie team exemplifying a young but strong partnership effort, as well as implementing the mission of *FIRST* to inspire students to learn more about science and technology.
- **Rookie Inspiration 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.
- **Safety Award:** Celebrates the team that progresses beyond safety fundamentals by using innovative ways to eliminate or protect against hazards.
- **Team Spirit Award:** Celebrates extraordinary enthusiasm and spirit through exceptional partnership and teamwork furthering the objectives of *FIRST*.



# Engineering Inspiration Award

TEAM  
1902

Celebrates outstanding success in advancing respect and appreciation for engineering within a team's school or organization and community.

## Guidelines

- Measurable success and Extent and inventiveness of the team's
  - efforts to recruit students to engineering.
  - community outreach efforts with particular emphasis on the most recent year's efforts.
- A commitment to science and technology education among the team, school, and community.
- Achievement of the *FIRST* mission and ability to communicate that at the competition and away from it.
- Efforts are ongoing, not strictly concentrated on the build and competition season.



# Entrepreneurship Award

TEAM  
1902

- Overview
- How it has changed
- Presentation
- What you should include
- When to do it



# Entrepreneurship Award

TEAM  
1902

- *sponsored by Kleiner, Perkins, Caufield, & Byers*

This award celebrates the entrepreneurial spirit and recognizes a team which has developed a comprehensive business plan in order to define, manage, and achieve the team's ongoing objectives. This team displays entrepreneurial enthusiasm as well as demonstrates the vital planning and business skills to ensure a self-sustaining program.

*Note: The page limit 3 pages either single sided or 1 ½ if you want to print double sided. This page limit is the same for the summary business plan and the appendices but all should be given in one cohesive document. The addition of a cover sheet will not count against your page limit as long as it is used to only identify your team and the purpose of the document.*

**Eligibility:** Teams are eligible to win the Entrepreneurship Award at any event in which they participate.



# Entrepreneurship Award

TEAM  
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## Guidelines

- Clear concept or approach to building team and operates as a cohesive system.
- Proactively identified and managed risks, effectively deal with adversity.
- Understand goals of the competition and the mission of *FIRST*.
- A summary business plan turned into judges during the pit interviews.
- A team spokesperson must be able to explain how the plan is organized and how the team:
  - makes decisions and divides their workload
  - keeps students, mentors, and sponsors actively engaged
  - recruit and train future team members
  - celebrate success and document lessons learned to prevent repeating mistakes



# Entrepreneurship Award

TEAM  
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- Summary Business Plan: (3 pages max + 3 pages of appendices)
- Mission Statement: the “driving engine” of your team, clear and concise and what your team strives to accomplish.
- Team History & Growth
- Organizational Structure
- Risk Analysis & team’s strengths.
- Marketing: How do you get your team/brand out there?
- Financials: Income, budget and sponsors
- Appendix:
  - Financial Statement - income statement and balance sheet
  - Organizational Chart
  - Any other supporting documentation



# Gracious Professionalism Award

TEAM  
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Celebrates outstanding demonstration of *FIRST* Core Values such as continuous Gracious Professionalism and working together both on and off the playing field.

## Understand the Definition of Gracious Professionalism (GP)

- *GP* is a way of doing things that encourages high-quality work, emphasizes the value of others, and respects individuals and the community.

## Guidelines

- Exemplifies the *FIRST* Core Values in relationships with other teams and by their demonstrated *GP*
- The team consistently demonstrates *GP* and a positive attitude both on and off the field.
- If the team worked with another *FRC* team pre-season – they can describe as listed in guidelines





# Imagery Award *in honor of Jack Kamen*

TEAM  
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In honor of Jack Kamen, Dean's father, for his dedication to art and illustration and his devotion to *FIRST*. This award celebrates attractiveness in engineering and outstanding visual aesthetic integration of machine and team appearance.

## Guidelines

- Appearance of machine and team are integrated in an attractive theme.
- Visuals of the integrated team/machine are exceptional.
- The team theme is supportive of the *FIRST* Core Values.
- The team's theme is original, can be explained by a team spokesperson, and is fitting to the objectives, character, and/or history of the team.



# Judges Award

TEAM  
1902

During the course of the competition, the judging panel may decide a team's unique efforts, performance, or dynamics merit recognition.

## Guidelines

- The team keeps appearing for consideration for other awards.
- Other Judges have noticed and commented on the positive aspects of the team.
- A unique happening or feature (often one that demonstrates the team has fully embraced the principles of *FIRST*) has caught a Judge's attention.



# Rookie All-Star Award

TEAM  
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## *Optional*

Celebrates the rookie team exemplifying a young but strong partnership effort, as well as implementing the mission of *FIRST* to inspire students to learn more about science and technology.

## **Guidelines**

- This team seems like a “Chairman’s Award team in the making.” (Community activities, leadership, vision, spirit, etc.)
- The team is a true partnership between school or organization and sponsors.
- The team understands what *FIRST* is really trying to accomplish – realizes that technical stuff is fun, challenging, and offers a future.
- This team has built a robot appropriate to the game’s challenges.
- Eligibility: Rookie Teams\* are eligible for the Rookie All-Star Award.



# Rookie Inspiration Award

TEAM  
1902

*Sponsored by National Instruments | Optional 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.

## Guidelines

- Effectiveness and inventiveness of the team's efforts to recruit students to engineering.
- Extent and effectiveness of the team's community outreach efforts.
- A commitment to science and technology education among the team.
- Ability to communicate understanding of the *FIRST* mission at the competition and away from it.



# Safety Award, sponsored by UL

TEAM  
1902

Celebrates the team that progresses beyond safety fundamentals by using innovative ways to eliminate or protect against hazards.

## Guidelines

- The Safety Advisors will focus on the combination of individual and team safety behaviors and safe physical conditions along with their safety outreach to other teams. This will include:
  - Safe behaviors – work practices, use of tools
  - PPE - wearing required personal protective equipment (e.g. Safety glasses, closed toe footwear, gloves)
  - Safe Physical Conditions – workspace in pit area, condition of hand tools and power tools, power cords, safe handling of batteries and charging equipment
  - Safety initiatives at the event | Safety presentation | Community involvement



# Safety Award

TEAM  
1902

## Special attention and recognition will be focused on:

- Maintaining safe work practices when under time pressure
- Wearing safety glasses in the pit stations and on the playing fields at all times
- Control of the robot at all times
- Safe use of hand and power tools
- No prohibited tools in the pits, as indicated in the *FIRST* Safety Manual
- Assisting other teams with safety issues, as needed
- Control of the pit area regarding authorized access and visitor safety
- Condition of the pit work surface, i.e. tripping hazards



# Team Spirit Award

TEAM  
1902

*Sponsored by FCA Foundation*

Celebrates extraordinary enthusiasm and spirit through exceptional partnership and teamwork furthering the objectives of *FIRST*.

## Guidelines

- Spirit is consistent both throughout the team and also throughout the contest in attitude, appearance, originality, and depth.
- The team displays obvious enthusiasm – in supporting teams, appearance, interactions with teams/Judges, etc. – at the competition.
- Spirit is part of the team and is apparent in all they do, including at their school, in their community, with sponsors and other teams, etc.
- They demonstrate spirit as a unified team.



# Robot Judged Awards

TEAM  
1902

- **Autonomous Award:** the team that has demonstrated consistent, reliable, high-performance robot operation during autonomously managed actions. Evaluation is based on the robot's ability to sense its surroundings, position itself or onboard mechanisms appropriately, and execute tasks.
- **Creativity Award:** creativity in design, use of component, or strategy of play.
- **Excellence in Engineering Award:** an elegant and advantageous machine feature.
- **Industrial Design Award:** form and function in an efficiently designed machine that effectively addresses the game challenge.
- **Innovation in Control Award:** an innovative control system or application of control components (electrical, mechanical, or software) to provide unique machine functions.
- **Quality Award:** machine robustness in concept and fabrication.





# Tips for Mentors

TEAM  
1902

- Presenters understand your students' motivation
- Practice Q&A, so students are ready in the pit
- Know your kids! Keep them hydrated and fed. Understand what they need to succeed.
- Be willing to make adjustments based on individual personalities and capabilities.
- **Have a sense of humor!!!**



# Important Tips

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- READ THE RULES!
- Don't copy the approach of others
- Focus on what your team wants to do
- Do what you say
- Document what you do
- Pay attention to feedback
- Know who you are, so you can tell your story
- Develop a team environment of trust with students & mentors
- Affirm teammates



# Chairman's Resources

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[www.explodingbacon.com/chairmans/](http://www.explodingbacon.com/chairmans/)

Link to the google doc planning document and includes active links to FIRSTinspires.org awards pages.

## Questions?

Reach out to us via email at [info@explodingbacon.com](mailto:info@explodingbacon.com)  
or any of our social media channels





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